

**Swiftpage ACT! LLC**

**ACT! 2018 (v 20.0)**

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## Table Of Contents

1. 'Table' section	6
Table Table	7
Column(s) of "CTL_ABL_ACTIVITY" Table	17
Column(s) of "CTL_ABL_CONNECTOR" Table	17
Column(s) of "CTL_ABL_CONNECTOR_ACCESSORCONFIG" Table	17
Column(s) of "CTL_ABL_CONNECTOR_ENTITY" Table	17
Column(s) of "CTL_ABL_CONNECTOR_ENTITYSCHEMA" Table	18
Column(s) of "CTL_ABL_CONNECTORTYPE" Table	18
Column(s) of "CTL_ABL_DEPENDENT" Table	18
Column(s) of "CTL_ABL_FIELD" Table	18
Column(s) of "CTL_ABL_LINK" Table	18
Column(s) of "CTL_ABL_LINK_DEPENDENT" Table	19
Column(s) of "CTL_ABL_LINKREMAP" Table	19
Column(s) of "CTL_ABL_MASTERQUEUE_INPUT" Table	19
Column(s) of "CTL_ABL_MASTERQUEUE_OUTPUT" Table	19
Column(s) of "CTL_ABL_MASTERQUEUE_PREFILTER" Table	19
Column(s) of "CTL_ABL_SCHEDULEDFOR" Table	19
Column(s) of "CTL_ACTIVITY_ABL_ACTIVITY" Table	19
Column(s) of "CTL_BI_CALENDARDATE_DIM" Table	20
Column(s) of "CTL_BI_COMPANY_DIM" Table	20
Column(s) of "CTL_BI_CONTACT_DIM" Table	20
Column(s) of "CTL_BI_GEOGRAPHY_DIM" Table	20
Column(s) of "CTL_BI_GROUP_DIM" Table	20
Column(s) of "CTL_BI_HISTORY_FACT" Table	20
Column(s) of "CTL_BI_HISTORYTYPE_DIM" Table	20
Column(s) of "CTL_BI_INDUSTRY_DIM" Table	21
Column(s) of "CTL_BI_OPPORTUNITY_DIM" Table	21
Column(s) of "CTL_BI_OPPORTUNITY_FACT" Table	21
Column(s) of "CTL_BI_OPPORTUNITYSTATUS_DIM" Table	21
Column(s) of "CTL_BI_USER_DIM" Table	21
Column(s) of "CTL_DBCONFIG" Table	21
Column(s) of "CTL_EVENTLOG" Table	22
Column(s) of "CTL_EVENTLOGDETAIL" Table	22
Column(s) of "CTL_LOCALSTRING" Table	22
Column(s) of "CTL_OLEDBFUNCTION" Table	22
Column(s) of "CTL_OLEDBFUNCTION_SYSCOLUMN" Table	23
Column(s) of "CTL_OLEDBVIEW" Table	23
Column(s) of "CTL_OLEDBVIEW_DERIVEDCOLUMN" Table	23
Column(s) of "CTL_OLEDBVIEW_JOINDATA" Table	23
Column(s) of "CTL_OLEDBVIEW_KEYINDEX" Table	23
Column(s) of "CTL_OLEDBVIEW_KEYINDEX_SYSCOLUMN" Table	24
Column(s) of "CTL_OLEDBVIEW_OLEDBFUNCTION" Table	24
Column(s) of "CTL_OLEDBVIEW_PROVIDERVIEW" Table	24
Column(s) of "CTL_PROVIDERVIEW" Table	24
Column(s) of "CTL_SYNC_DEVICETABLE" Table	24
Column(s) of "CTL_SYNC_INITIALIZE_ROWDATA" Table	25
Column(s) of "CTL_SYNC_INITIALIZE_ROWSCHEMA" Table	25
Column(s) of "CTL_SYNCACCESSOR" Table	25
Column(s) of "CTL_SYNCCOLUMN" Table	25
Column(s) of "CTL_SYNCADB" Table	25
Column(s) of "CTL_SYNCADBMAP" Table	25
Column(s) of "CTL_SYNCADBMAP_ROWCOMPLETED" Table	25
Column(s) of "CTL_SYNCADBMAP_ROWDATA" Table	26
Column(s) of "CTL_SYNCADBMAP_ROWEXCEPTION" Table	26
Column(s) of "CTL_SYNCADBMAP_ROWFILE" Table	26
Column(s) of "CTL_SYNCADBMAP_ROWSCHEMA" Table	26
Column(s) of "CTL_SYNCADBMAP_SESSION" Table	27

Column(s) of "CTL_SYNCDBMAP_SESSIONROW" Table	27
Column(s) of "CTL_SYNCDBMAPINFO" Table	27
Column(s) of "CTL_SYNCDBMAPINFO_HISTORY" Table	28
Column(s) of "CTL_SYNCROW_ADD" Table	28
Column(s) of "CTL_SYNCROW_DELETE" Table	28
Column(s) of "CTL_SYNCROW_EXCEPTION" Table	29
Column(s) of "CTL_SYNCROW_FILE" Table	29
Column(s) of "CTL_SYNCROW_UPDATE" Table	30
Column(s) of "CTL_SYNCROW_UPDATECOLUMN" Table	30
Column(s) of "CTL_SYNCSETTYPE" Table	30
Column(s) of "CTL_SYNSTABLE" Table	30
Column(s) of "CTL_SYSTABLEORDER" Table	30
Column(s) of "CTL_USER_COLUMNACCESS" Table	31
Column(s) of "CTL_USERCOLUMN_CHANGED_TRIGGER" Table	31
Column(s) of "CTL_USERPASSWORD_RESET" Table	31
Column(s) of "CTL_USERSESSION" Table	31
Column(s) of "CTL_WF_COMPLETEDSCOPE" Table	31
Column(s) of "CTL_WF_INSTANCESTATE" Table	31
Column(s) of "TBL_ACCESSOR" Table	32
Column(s) of "TBL_ACCESSOR_ACTIVITY" Table	32
Column(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED" Table	33
Column(s) of "TBL_ACCESSOR_AEMPROFILE" Table	33
Column(s) of "TBL_ACCESSOR_DELEGATE" Table	33
Column(s) of "TBL_ACCESSOR_PREFERENCE" Table	33
Column(s) of "TBL_ACCESSOR_SETTING" Table	34
Column(s) of "TBL_ACTIVITY" Table	34
Column(s) of "TBL_ACTIVITYPRIORITY" Table	37
Column(s) of "TBL_ACTIVITYSERIES" Table	37
Column(s) of "TBL_ACTIVITYSERIESAPPLIED" Table	38
Column(s) of "TBL_ACTIVITYSERIESITEM" Table	38
Column(s) of "TBL_ACTIVITYTYPE" Table	39
Column(s) of "TBL_ADDRESS" Table	39
Column(s) of "TBL_AL_ACTIVITY" Table	40
Column(s) of "TBL_AL_ACTIVITY_EXTERNALID" Table	40
Column(s) of "TBL_AL_DATAMAPPING" Table	40
Column(s) of "TBL_AL_DRIVERCONFIG" Table	40
Column(s) of "TBL_AL_LINK" Table	40
Column(s) of "TBL_AL_SCHEDULEDFOR" Table	40
Column(s) of "TBL_AL_SYNCDATA" Table	40
Column(s) of "TBL_AL_USERSETTING" Table	41
Column(s) of "TBL_ALARMSNOOZE" Table	41
Column(s) of "TBL_ANALYTICS_VIEW_DEFINITION" Table	41
Column(s) of "TBL_ATTACHMENT" Table	41
Column(s) of "TBL_COMPANY" Table	42
Column(s) of "TBL_COMPANY_ACL" Table	43
Column(s) of "TBL_COMPANY_ACTIVITY" Table	43
Column(s) of "TBL_COMPANY_CONTACT" Table	43
Column(s) of "TBL_COMPANY_HISTORY" Table	43
Column(s) of "TBL_COMPANY_NOTE" Table	43
Column(s) of "TBL_COMPANY OPPORTUNITY" Table	43
Column(s) of "TBL_COMPANYCONTACT_MAP" Table	44
Column(s) of "TBL_COMPANYQUERY" Table	44
Column(s) of "TBL_CONTACT" Table	45
Column(s) of "TBL_CONTACT_ACL" Table	46
Column(s) of "TBL_CONTACT_ACTIVITY" Table	46
Column(s) of "TBL_CONTACT_CONTACT" Table	47
Column(s) of "TBL_CONTACT_HISTORY" Table	47
Column(s) of "TBL_CONTACT_NOTE" Table	47

Column(s) of "TBL_CONTACT_OPPORTUNITY" Table	47
Column(s) of "TBL_CONTACT_SOCIALMEDIA" Table	47
Column(s) of "TBL_CONTACT_SOURCE" Table	47
Column(s) of "TBL_COUNTRY" Table	47
Column(s) of "TBL_EMAIL" Table	48
Column(s) of "TBL_EVENTLOGTYPE" Table	48
Column(s) of "TBL_EXECUTE" Table	48
Column(s) of "TBL_EXTERNALMAP_SOURCE" Table	48
Column(s) of "TBL_FEATURESET" Table	48
Column(s) of "TBL_FOLDER" Table	48
Column(s) of "TBL_GROUP" Table	49
Column(s) of "TBL_GROUP_ACL" Table	49
Column(s) of "TBL_GROUP_ACTIVITY" Table	50
Column(s) of "TBL_GROUP_CONTACT" Table	50
Column(s) of "TBL_GROUP_HISTORY" Table	50
Column(s) of "TBL_GROUP_NOTE" Table	50
Column(s) of "TBL_GROUP_OPPORTUNITY" Table	50
Column(s) of "TBL_GROUPQUERY" Table	51
Column(s) of "TBL_HISTORY" Table	51
Column(s) of "TBL_HISTORYTYPE" Table	52
Column(s) of "TBL_HISTORYTYPE_GROUP" Table	53
Column(s) of "TBL_HISTORYTYPE_SUPERGROUP" Table	53
Column(s) of "TBL_IMPORT_HISTORY" Table	53
Column(s) of "TBL_IMPORT_HISTORYITEM" Table	53
Column(s) of "TBL_LOGONHISTORY" Table	54
Column(s) of "TBL_NOTE" Table	54
Column(s) of "TBL_NOTETYPE" Table	55
Column(s) of "TBL_OPPORTUNITY" Table	55
Column(s) of "TBL_OPPORTUNITY_ACL" Table	56
Column(s) of "TBL_OPPORTUNITY_ACTIVITY" Table	56
Column(s) of "TBL_OPPORTUNITY_HISTORY" Table	56
Column(s) of "TBL_OPPORTUNITY_NOTE" Table	57
Column(s) of "TBL_OPPORTUNITY_PRODUCTSERVICE" Table	57
Column(s) of "TBL_PASSWORDHISTORY" Table	57
Column(s) of "TBL_PERMISSION" Table	57
Column(s) of "TBL_PERMISSION_DEPEND" Table	57
Column(s) of "TBL_PHONE" Table	58
Column(s) of "TBL_PHONEMASK" Table	58
Column(s) of "TBL_PICKLIST" Table	58
Column(s) of "TBL_PICKLIST_SYSCOLUMN" Table	59
Column(s) of "TBL_PICKLISTITEM" Table	60
Column(s) of "TBL_PREFERENCE" Table	60
Column(s) of "TBL_PROCESS" Table	60
Column(s) of "TBL_PRODUCT" Table	61
Column(s) of "TBL_PRODUCTSERVICE" Table	61
Column(s) of "TBL_RESOURCE" Table	62
Column(s) of "TBL_ROLE" Table	62
Column(s) of "TBL_ROLE_PERMISSION" Table	62
Column(s) of "TBL_SECONDARY" Table	63
Column(s) of "TBL_SERIALNUMBER" Table	63
Column(s) of "TBL_SETTING" Table	63
Column(s) of "TBL_SOCIALMEDIA" Table	63
Column(s) of "TBL_STAGE" Table	63
Column(s) of "TBL_STAGE_COLOR" Table	63
Column(s) of "TBL_STAGE_HISTORY" Table	64
Column(s) of "TBL_SYNCCONTACT" Table	64
Column(s) of "TBL_SYNCCONTACT_ACL" Table	64
Column(s) of "TBL_SYNCADB" Table	65

Column(s) of "TBL_SYNCDBTYPE" Table	66
Column(s) of "TBL_SYNCEXTENDEDDEDATA" Table	66
Column(s) of "TBL_SYNCEXTENDEDDEDATA_TYPE" Table	67
Column(s) of "TBL_SYNCSET" Table	67
Column(s) of "TBL_SYNCSET_ACCESSOR" Table	67
Column(s) of "TBL_SYNCSETQUERY" Table	68
Column(s) of "TBL_SYNCSUBSCRIPTION" Table	68
Column(s) of "TBL_SYSCALCCOLUMN" Table	68
Column(s) of "TBL_SYSCOLUMN" Table	69
Column(s) of "TBL_SYSCOLUMN_ACL" Table	73
Column(s) of "TBL_SYSCONSTANT" Table	73
Column(s) of "TBL_SYSDATATYPE" Table	74
Column(s) of "TBL_SYSDOMAIN" Table	74
Column(s) of "TBL_SYSDOMAIN_SYSOPERATOR" Table	74
Column(s) of "TBL_SYSENTITY" Table	75
Column(s) of "TBL_SYSENTITY_SYSTABLE" Table	76
Column(s) of "TBL_SYSENTITYRELATION" Table	76
Column(s) of "TBL_SYSLOCALCOLUMN" Table	77
Column(s) of "TBL_SYSLOCALMESSAGE" Table	77
Column(s) of "TBL_SYSOPERATOR" Table	77
Column(s) of "TBL_SYSTABLE" Table	77
Column(s) of "TBL_SYSTABLEDOMAIN" Table	78
Column(s) of "TBL_SYSTABLEKEY" Table	78
Column(s) of "TBL_SYSTABLEKEY_SYSCOLUMN" Table	79
Column(s) of "TBL_SYSTABLERELATION" Table	79
Column(s) of "TBL_SYSVALUE" Table	79
Column(s) of "TBL_SYSVALUEUSAGE" Table	80
Column(s) of "TBL_TEAM" Table	80
Column(s) of "TBL_TEAM_USER" Table	80
Column(s) of "TBL_USER" Table	80
Column(s) of "TBL_USER_DEFAULT_ACL" Table	81
Column(s) of "TBL_USER_PERMISSION" Table	81
Column(s) of "TBL_VIRTUALRECORDTYPE" Table	81
Column(s) of "TBL_WORKFLOW_ACTIVITY_CLEARED" Table	81
Column(s) of "TBL_WORKFLOW_ARCHIVE" Table	82
Column(s) of "TBL_WORKFLOW_SUBSCRIPTION" Table	82
Column(s) of "TBL_WORKFLOWDEF" Table	82
Column(s) of "TBL_WORKFLOWDEF_ACL" Table	82
Index	

**Table**

Table	
Name	Comment
CTL_ABL_ACTIVITY	ACT! Business Link supporting table; serves as a storage for Activity "templates" that generate ACT! Activities (in TBL_ACTIVITY). Generally these are reminder types of Activities that relate to actions for backoffice operations, etc.
CTL_ABL_CONNECTOR	ACT! Business Link supporting table; Defines connection as a specific type by linking an application name to a Connector Type. Each registered Connector will supply its own unique id which is passed to the ACT! Framework through a service description which is expressed in XML.
CTL_ABL_CONNECTOR_ACCESSORCONFIG	ACT! Business Link supporting table; Describes attributes of a specific Entity in key-pair values for a User and/or Team.
CTL_ABL_CONNECTOR_ENTITY	ACT! Business Link supporting table; Describes a company or instance associated with a Connector. For example, in the case of an ERP configuration, the Entity would be the company. Entities are uniquely identified by a connection string, an ALF-generated GUID and the Connector's unique id.
CTL_ABL_CONNECTOR_ENTITYSCHEMA	ACT! Business Link supporting table; For Connectors whose ISENTITYFIELDS value is true, this table records fields generated, thru VWT_ table Views, fields created for the involved ACT! Entity. This table identifies and maps the columns back to their specific Backoffice Connector Entity source for retrieval and other processing purposes.
CTL_ABL_CONNECTORTYPE	ACT! Business Link supporting table; Defines a Connector at the highest level. Currently anticipated Connectors include ERP (Accounting), MobilityCRM and MobilityEmail.
CTL_ABL_DEPENDENT	
CTL_ABL_FIELD	ACT! Business Link supporting table; Describes the attributes of a Connector field and, when applicable, to which ACT! Entity column it is mapped.
CTL_ABL_LINK	ACT! Business Link supporting table; Defines the link between an ACT! record and a field defined by the Connector.
CTL_ABL_LINK_DEPENDENT	
CTL_ABL_LINKREMAP	ACT! Business Link supporting table; Table used to track re-mapping (consolidation) of a Business Link record (BACKOFFICE_RECORDID) to an ACT! record (ACT_RECORDID). This could be the result of multiple Backoffice Links for the same Contact, then de-duping the two via the ACT! application. Tracked for tracibility and maintaining a "primary" link record.
CTL_ABL_MASTERQUEUE_INPUT	ACT! Business Link supporting table; Table to hold the in-bound transactions from the Backoffice source for processing.
CTL_ABL_MASTERQUEUE_OUTPUT	ACT! Business Link supporting table; Table to hold the outbound transactions to the Backoffice source for processing.
CTL_ABL_MASTERQUEUE_PREFILTER	ACT! Business Link supporting table; Table used to store any Backoffice filtering criteria for processing.
CTL_ABL_SCHEDULEDFOR	ACT! Business Link supporting table; supports the CTL_ABL_ACTIVITY table in identifying for who (which Users) to generate Activities in ACT! for.
CTL_ACTIVITY_ABL_ACTIVITY	ACT! Business Link supporting table; links an ACT! Activity that was generated from Backoffice.
CTL_BI_CALENDARDATE_DIM	A BI (Business Intelligence) calendar Dimension. At each BI refresh, the minimum date in this calendar gets set to the earliest date in either TBL_HISTORY or TBL OPPORTUNITY; the maximum date is never later than today's date. In Sage ACT! ver 15, future dates are not included in BI reports. Past Activities are included, but not scheduled future Activities; past Opportunities, both Won and Lost are included, but not Open Opportunities, since those are in the future, and their final resolution is ambiguous.
CTL_BI_COMPANY_DIM	A BI (Business Intelligence) Company Dimension.
CTL_BI_CONTACT_DIM	A BI (Business Intelligence) Contact Dimension.
CTL_BI_GEOGRAPHY_DIM	A BI (Business Intelligence) Geographic Dimension.
CTL_BI_GROUP_DIM	A BI (Business Intelligence) Group Dimension.
CTL_BI_HISTORY_FACT	The BI (Business Intelligence) History FACT table, holding Count and Duration.Participating Dimension tables are: User, Company, Group, Contact, Opportunity and Calendar. Plus, each Activity FACT contains a History Type hierarchy. See the CTL_BI_HISTORY_TYPE_DIM table for further notes.

CTL_BI_HISTORYTYPE_DIM	The BI (Business Intelligence) Dimension categorizing History Types. Contains a hierarchy of SuperGroup, Group and Type.
CTL_BI_INDUSTRY_DIM	A BI (Business Intelligence) Industry Dimension. The quality of this data depends on whether ACT! is used to faithfully categorize companies according to their industry, and whether companies are related to ACT! Opportunities.
CTL_BI_OPPORTUNITY_DIM	A BI (Business Intelligence) Opportunity Dimension, containing just the Opportunity Name.
CTL_BI_OPPORTUNITY_FACT	The BI (Business Intelligence) Opportunity FACT table, holding Count, Amount and Gross Margin. Participating Dimension tables are: Calendar, Opportunity Status, Geography, Company, User and Industry. Only Closed Opportunities are captured, either Won or Lost.
CTL_BI_OPPORTUNITYSTATUS_DIM	The BI (Business Intelligence) Opportunity Status Dimension. Possible values are 'Won' or 'Lost'. Only Closed Opportunities are represented in the BI model.
CTL_BI_USER_DIM	A BI (Business Intelligence) User Dimension, containing just the ACT! User. Users can be related to both Opportunities or History FACTS.
CTL_DBCONFIG	A local non-syncing table. Contains the current database settings and configurations.
CTL_EVENTLOG	A non-syncing local table. A parent record which will have one or more entries in the CTL_EVENTLOGDETAIL record. Captures specific information for certain pre-determined database and/or user events. These records can be viewed via the "Audit Logs" in ACT! Diag.
CTL_EVENTLOGDETAIL	A non-syncing local table. Contains one or more entries for each CTL_EVENTLOG record and captures specific information for certain pre-determined database and/or user events. These records can be viewed via the "Audit Logs" in ACT!Diag.
CTL_LOCALSTRING	A local non-syncing control table. Used to store any strings which may be exposed to the user via the application and/or SDK that comes from one or more database procedural objects (stored procedure, trigger, etc.).
CTL_OLEDBFUNCTION	Metadata table for (2nd generation) OLE DB Reporting Provider v2.0. Contains a record for each table-based SQL or CLR Function which implements the Field-Level Security (FLS) and Record-Level Security (RLS) for the data. These Functions are consumed by the database Views which are ultimately exposed to the Provider.
CTL_OLEDBFUNCTION_SYSCOLUMN	Metadata table for (2nd generation) OLE DB Reporting Provider. Identifies each column contained in each base secured Function.
CTL_OLEDBVIEW	Metadata table for (2nd generation) OLE DB Reporting Provider v2.0. Contains a record for each database View. Note that these View records are not necessarily exposed to the Provider directly. The ISDISPLAYED attribute determines that.  One or more CTL_OLEDBVIEW records can comprise a logical CTL_OLEDBVIEW_PROVIDERVIEW record.
CTL_OLEDBVIEW_DERIVEDCOLUMN	Contains a record for each column which is computed/derived and appended to the View. An example of this is a string column to decode an integer enum column, such as "STATUS" for the "STATUSNUM" column.
CTL_OLEDBVIEW_JOINDATA	A denormalized table containing the OLE DB v2.0 information for Joining Views together. Also used by the Provider itself.
CTL_OLEDBVIEW_KEYINDEX	Contains metadata records which identify Key index constraints for the Reporting Views base tables. KEYINDEXTYPE values include: FOREIGN KEY PRIMARY KEY UNIQUE
CTL_OLEDBVIEW_KEYINDEX_SYSCOLUMN	Contains one or more records for each parent CTL_OLEDBVIEW_KEYINDEX record. Identifies the column(s) which comprise the Key Index and their ordinal.
CTL_OLEDBVIEW_OLEDBFUNCTION	Metadata table for (2nd generation) OLE DB Reporting Provider. Identifies each database View and which Functions are used by each View.
CTL_OLEDBVIEW_PROVIDERVIEW	Association table which identifies the CTL_OLEDBVIEW records used by the CTL_PROVIDERVIEW records.
CTL_PROVIDERVIEW	Contains a record for each logical View which is exposed in the OLE DB Reporting Provider 2.0; Each CTL_PROVIDERVIEW record is comprised of one or more CTL_OLEDBVIEW record.

CTL_SYNC_DEVICETABLE	Identifies Tables (CTL_SYNCTABLE) that are used by each non-desktop Sync Database TYPE (TBL_SYNCDB.TYPENUM). Generally, the Device databases use only a small subset of data/tables in the desktop database. Stored Procedures and other processes use this table to limit the tables during Sync processing.
CTL_SYNC_INITIALIZE_ROWDATA	Sync processing table used for staging non-Schema records.
CTL_SYNC_INITIALIZE_ROWSCHEMA	Sync processing table used for staging Schema records.
CTL_SYNCACCESSOR	A non-syncing local table. Identifies the local ids (LUIDS) for Accessors (Users, Teams and Resources) in the database; provides a small, unique surrogate for the ACCESSORID guid in TBL_ACCESSOR. Used to support Sync.
CTL_SYNCCOLUMN	A non-syncing local table. Identifies the local ids (LUIDS) for Columns in the database; provides a small, unique surrogate for the COLUMNID guid in TBL_SYSCOLUMN. Used to support Sync.
CTL_SYNCDB	A non-syncing local table. Identifies the local ids (LUIDS) for SyncDbs in the database; provides a small, unique surrogate for the SYNCDBID guid in TBL_SYNCDB. Used to support Sync.
CTL_SYNCDBMAP	A non-syncing local table. Defines the Syncing database "pairs" for any locally-associated records (the current database, the Parent database, any direct Remotes of the current database).
CTL_SYNCDBMAP_ROWCOMPLETED	A non-syncing local table. A Sync-processing table used during the Sync session; contains any completed, exception or deleted records from the previous Sync session.
CTL_SYNCDBMAP_ROWDATA	A non-syncing local table. A Sync-processing table used during the Sync session; contains the Content-data segment of records for the current or last Sync session. Content-data includes records such as Contacts, Notes, etc.
CTL_SYNCDBMAP_ROWEXCEPTION	A non-syncing local table. A Sync-processing table used during the Sync session; contains any data exception records for the current or last Sync session.
CTL_SYNCDBMAP_ROWFILE	A non-syncing local table. A Sync-processing table used during the Sync session; contains the Files for the current or last Sync session.
CTL_SYNCDBMAP_ROWSCHEMA	A non-syncing local table. A Sync-processing table used during the Sync session; contains the Schema-data segment of records for the current or last Sync session. Schema-data includes records such as Column, Picklist, Accessor, etc.
CTL_SYNCDBMAP_SESSION	A non-syncing local table. Contains the current or latest Sync Session information. Details for each record are stored in CTL_SYNCDBMAP_SESSIONROW.
CTL_SYNCDBMAP_SESSIONROW	A non-syncing local table. Child table to CTL_SYNCDBMAP_SESSION; identifies Contact records for the current and past Sync Sessions.
CTL_SYNCDBMAPINFO	A non-syncing local table. For each CTL_SYNCDBMAP record, contains the latest Sync progress/status information including the high-water marks. It will contain locally-associated records (the current database, the Parent database, any direct Remotes of the current database). Previous records/versions are maintained in table CTL_SYNCDBMAPINFO_HISTORY.
CTL_SYNCDBMAPINFO_HISTORY	A non-syncing local table. Contains historical records from CTL_SYNCDBMAPINFO; the number/volume of records retained here is roughly back to the subject database's Expire Days start value.
CTL_SYNCROW_ADD	A non-syncing local table. The Sync logging table for all Adds/Inserts to all sync-eligible tables in the database.
CTL_SYNCROW_DELETE	A non-syncing local table. The Sync logging table for all Deletes to all sync-eligible tables in the database.
CTL_SYNCROW_EXCEPTION	A non-syncing local table. Contains any Sync processing Exception records at the time of occurrence.
CTL_SYNCROW_FILE	A non-syncing local table. The Sync logging table for all File activity in the Supplemental File Location (ie the Datastore).
CTL_SYNCROW_UPDATE	A non-syncing local table. The Sync logging table for all Updates to all sync-eligible tables in the database. This is the parent/header record to identify the record that's been updated - each column within the record is logged in CTL_SYNCROW_UPDATECOLUMN.

CTL_SYNCROW_UPDATECOLUMN	A non-syncing local table. The Sync logging table for all Updates to all sync-eligible tables in the database. This is the child record to identify each column within the record which is logged in CTL_SYNCROW_UPDATE. Note that only the last/latest column update is logged/retained by default with the exception of TBL_SYSCOLUMN which *must* be logged chronologically.
CTL_SYNCSETTYPE	
CTL_SYNCTABLE	A non-syncing local table. Identifies the local ids (LUIDS) for tables in the database; provides a small, unique surrogate for the TABLEID guid in TBL_SYSTABLE. Used to support Sync.
CTL_SYSTABLEORDER	Internal system table used primarily for Sync. Contains entries for each table and two important attributes: TABLESEGMENT: Identifies if the table belongs to "Schema", "User" or "Content" ORDINAL: Identifies the physical processing order of the table as determined by referential integrity rules.
CTL_USER_COLUMNACCESS	Table for use in OLE/DB Reporting that has user column access only for columns of limited or no access.
CTL_USERCOLUMN_CHANGED_TRIGGER	System table used for processing records in stored procedure PRC_UPD_USER_COLUMNACCESS; records are populated and removed (transactionally-bound) by Triggers in SysColumn and TeamUser.
CTL_USERPASSWORD_RESET	A non-syncing local table. Tracking table used to identify each time the Tech Support password reset utility has been applied.
CTL_USERSSESSION	Local User Session table. Used by the Framework and OLE/DB provider, helps to resolve dialogs/methods for "who's logged in" to the database. Used in conjunction with PRC_MAINT_CONNECTEDHOSTS to display and reconcile connections. Needed for Lock Database, etc.
CTL_WF_COMPLETEDSCOPE	
CTL_WF_INSTANCESTATE	
TBL_ACCESSOR	Defines one of these three record types: User Team Resource A super-type record (parent table) which is further described by a sub-type table of only one of the following: TBL_USER TBL_TEAM TBL_RESOURCE
TBL_ACCESSOR_ACTIVITY	Contains a record for each Attendee/Participant on an Activity. At a minimum, the Activity Organizer (TBL_ACTIVITY. ORGANIZEUSERID) will have an entry in this table. This table is analogous to an ACL for Activities and supports the workgroup model for scheduling and calendars. Records in this table can represent: Users Resources Teams Additional fields store the "per user" values for each Accessor/User such as Priority, Color and Alarm settings.
TBL_ACCESSOR_ACTIVITY_CLEARED	Supporting table for the Activity record/entity. Each record represents a cleared instance of a record (even if non-Recurring) per User which is associated to the Activity.
TBL_ACCESSOR_AEMPROFILE	Stores AEM Profile IDs and the users that are authorized to use them.
TBL_ACCESSOR_DELEGATE	Identifies associations between different Accessors. Currently only supported for Calendar Delegates. Each record determines the User, Team or Resource records which could be permitted to act on behalf of, to proxy.
TBL_ACCESSOR_PREFERENCE	Stores any user-specific Preferences that have been set; serves as an over-ride to TBL_PREFERENCE which contain the default values.
TBL_ACCESSOR_SETTING	Stores any user-specific Settings that have been made; serves as an override to TBL_SETTING which contain the default values.
TBL_ACTIVITY	Core/Primary table for Activities. Contains the base fields for an Activity whether Recurring or Non-Recurring as well as "Global Events" (Holidays, etc.). Contains primary/core attributes such as Regarding, Details, Start and End time, Timezone and Recurrence patterns as applicable. Supported by these tables to fully materialize Activities: TBL_ACCESSOR_ACTIVITY TBL_ACCESSOR_ACTIVITY_CLEARED TBL_CONTACT_ACTIVITY

	<p>Examples for MASTERACTIVITYID and PARENTACTIVITYID assume the changes to the Activity are reflected in chronological order from top to bottom:</p> <table> <thead> <tr> <th>ACTIVITYID</th> <th>MASTERACTIVITYID</th> </tr> </thead> <tbody> <tr> <td>A1</td> <td>A1</td> </tr> <tr> <td>A2</td> <td>A1</td> </tr> <tr> <td>A3</td> <td>A1</td> </tr> <tr> <td>A4</td> <td>A1</td> </tr> </tbody> </table> <p>PARENTACTIVITYID REGARDING</p> <table> <tbody> <tr> <td>NULL</td> <td>Original Activity</td> </tr> <tr> <td>A1</td> <td>First Change</td> </tr> <tr> <td>A2</td> <td>Second Change</td> </tr> <tr> <td>A3</td> <td>Third Change</td> </tr> </tbody> </table>	ACTIVITYID	MASTERACTIVITYID	A1	A1	A2	A1	A3	A1	A4	A1	NULL	Original Activity	A1	First Change	A2	Second Change	A3	Third Change
ACTIVITYID	MASTERACTIVITYID																		
A1	A1																		
A2	A1																		
A3	A1																		
A4	A1																		
NULL	Original Activity																		
A1	First Change																		
A2	Second Change																		
A3	Third Change																		
TBL_ACTIVITYPRIORITY	A characteristic/definition table. Records define both stock and user-defined Activity Priorities (i.e. High, Medium, Low).																		
TBL_ACTIVITYSERIES	Base table for storing Activity Series. Defines the name and ownership.																		
TBL_ACTIVITYSERIESAPPLIED	A record is written to this table each time an Activity Series is applied, resulting in one or more Activities.																		
TBL_ACTIVITYSERIESITEM	A one-to-many child table to TBL_ACTIVITYSERIES; stores each "step" in the Activity Series which is to become an Activity once applied.																		
TBL_ACTIVITYTYPE	A characteristic/definition table. Records define both stock and user-defined Activity Types (i.e. Call, Meeting, To-do).																		
TBL_ADDRESS	<p>The base table for all Address records for the three extensible Entities:</p> <ul style="list-style-type: none"> <li>Contact, Group, Company, Opportunity</li> </ul> <p>A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.</p>																		
TBL_AL_ACTIVITY	An Accounting Links table.																		
TBL_AL_ACTIVITY_EXTERNALID																			
TBL_AL_DATAMAPPING	An Accounting Links table.																		
TBL_AL_DRIVERCONFIG	An Accounting Links table.																		
TBL_AL_LINK	An Accounting Links table.																		
TBL_AL_SCHEDULEDFOR	An Accounting Links table.																		
TBL_AL_SYNCDATA	An Accounting Links table.																		
TBL_AL_USERSETTING	An Accounting Links table.																		
TBL_ALARMSNOOZE	Contains the datetime information when an Activity Alarm was snoozed by a User. This information assists in determining the actual time to raise the next alarm.																		
TBL_ANALYTICS_VIEW_DEFINITION																			
TBL_ATTACHMENT	<p>Table contains references to files stored externally in the \Attachments folder of the Supplemental File System (aka Datastore). Both Attachments and Library documents are persisted here. Attachments can be associated exclusively to one of the following records:</p> <ul style="list-style-type: none"> <li>Note</li> <li>History</li> <li>Activity</li> </ul>																		
TBL_COMPANY	A COMPANY represents a high-level Entity which can be associated to one or more Contacts, or none. Contains self-referencing information specific to hierarchy. Has a supporting child table for dynamic queries TBL_GROUPQUERY. A Company record can have associated data such as Notes, Histories, etc. not associated with any Contact. Contact membership can be either static, dynamic or both. The base table for the user-extensible Entity "Company".																		
TBL_COMPANY_ACL																			
TBL_COMPANY_ACTIVITY	An associative table relating one or more COMPANY records with one or more ACTIVITY records.																		
TBL_COMPANY_CONTACT	An associative table relating one or more COMPANY records with one or more CONTACT records. These records represent static Contacts for a Company (NOT Linked Contacts).																		
TBL_COMPANY_HISTORY	An associative table relating one or more COMPANY records with one or more HISTORY records.																		
TBL_COMPANY_NOTE	An associative table relating one or more COMPANY records with one or more NOTE records.																		

TBL_COMPANY_OPPORTUNITY	An associative table relating one or more COMPANY records with one or more OPPORTUNITY records.
TBL_COMPANYCONTACT_MAP	A system definition table. Stores the Company-to-Contact field maps to be used when mass-updating LINKED Contacts. Default fields included here are Web Address and Address fields. Note that the CompanyName is *hard-wired* and cannot be removed.
TBL_COMPANYQUERY	A child/supporting table to TBL_COMPANY; identifies each row of a dynamic query for determining Contact membership (optional).
TBL_CONTACT	A Contact represents the primary, central entity to the database and application. Typically represents a person or thing that you need to keep track of. When a Contact's Company field is linked with a Company record, it is known as a "linked Contact". Three types of Contact records are stored: Contacts Users (My Records) Secondary Contacts The base table for the user-extensible Entity "Contact".
TBL_CONTACT_ACL	An associative table relating one or more CONTACT records with one or more ACCESSOR records. This Access Control List serves as the primary table for securing Contact queries.
TBL_CONTACT_ACTIVITY	An associative table relating one or more CONTACT records with one or more ACTIVITY records. This will include any Users on an Activity, but not necessarily the Organizer unless explicitly added to the Contact List.
TBL_CONTACT_CONTACT	
TBL_CONTACT_HISTORY	An associative table relating one or more CONTACT records with one or more HISTORY records.
TBL_CONTACT_NOTE	An associative table relating one or more CONTACT records with one or more NOTE records.
TBL_CONTACT_OPPORTUNITY	
TBL_CONTACT_SOCIALMEDIA	
TBL_CONTACT_SOURCE	Table to track contacts added via Outlook
TBL_COUNTRY	A characteristic/definition table. Records define both stock and user-defined Countries; used in support of Phone formatting.
TBL_EMAIL	The base table for all Email records for the three extensible Entities: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.
TBL_EVENTLOGTYPE	A non-syncing local table. A system characteristic/lookup table identifying certain pre-determined database and user events which could be recorded in the TBL_EVENTLOG/DETAIL tables.
TBL_EXECUTE	
TBL_EXTERNALMAP_SOURCE	Contains enumeration definitions for the External Sources mapped into the database. These include external sources such as Outlook, Palm Desktop, etc. This table is extensible and can be added to externally by SDK consumers for new external sources.
TBL_FEATURESET	System table used to identify and categorize a set of Permissions into a logical collection.
TBL_FOLDER	A system table to identify the Supplemental File Location (Datastore) folder structure as well as supported file types within each.
TBL_GROUP	The base table for the Group entity records. Contains self-referencing information specific to hierarchy. Has a supporting child table for dynamic queries TBL_GROUPQUERY. Contact membership can be either static, dynamic or both. The base table for the user-extensible Entity "Group"
TBL_GROUP_ACL	Access Control List for Groups. This table contains the row-level security for the Group record (i.e. who can access).
TBL_GROUP_ACTIVITY	An associative table relating one or more GROUP records with one or more ACTIVITY records.
TBL_GROUP_CONTACT	An associative table relating one or more GROUP records with one or more CONTACT records. These records represent static Contacts for a Group.

TBL_GROUP_HISTORY	An associative table relating one or more GROUP records with one or more HISTORY records.
TBL_GROUP_NOTE	An associative table relating one or more GROUP records with one or more NOTE records.
TBL_GROUP_OPPORTUNITY	An associative table relating one or more GROUP records with one or more OPPORTUNITY records.
TBL_GROUPQUERY	A child/supporting table to TBL_GROUP; identifies each row of a dynamic query for determining Contact membership (optional).
TBL_HISTORY	Contains the History record which can be associated to any combination of: Contact Group Company Opportunity The Details field is RTF-encoded by the Framework.
TBL_HISTORYTYPE	A characteristic/definition table. Records define both stock and user-defined History Types (aka Result Types).
TBL_HISTORYTYPE_GROUP	
TBL_HISTORYTYPE_SUPERGROUP	
TBL_IMPORT_HISTORY	Table containing historical records for both conversion (one time) or import action of databases, files or other type records from external sources.
TBL_IMPORT_HISTORYITEM	Identifies each Entity (Contact, Group, Company, Opportunity) record which is added or updated (merged) during Conversion and Import.
TBL_LOGONHISTORY	Contains User logon events as defined and configured by the database Administrator. Retains up to the last (most recent) N logons for each User. These logons are ACT! application and not those which occur by using other applications which may consume the ACT! SDK/Framework.  Note: the logoff datetime may not necessarily be enabled - reserved for future use. This also applies to failed logon attempts.
TBL_NOTE	Contains the Note record which can be associated to one or more of any of the ACT! entities: Contact Group Company Opportunity The NoteText field is RTF-encoded by the Framework.
TBL_NOTETYPE	A characteristic/definition table. Records define both stock and user-defined Note types. *currently not exposed for the application or SDK.
TBL_OPPORTUNITY	The Opportunity record. Each Opportunity can have zero, one or more Product/Services records associated. The currency field aggregations of the Opportunity's Product/Services records is calculated and stored in the parent Opportunity records.
TBL_OPPORTUNITY_ACL	An associative table relating one or more OPPORTUNITY records with one or more ACCESSOR records. This Access Control List serves as the primary table for securing Opportunity queries.
TBL_OPPORTUNITY_ACTIVITY	An associative table relating one or more OPPORTUNITY records with one or more ACTIVITY records.
TBL_OPPORTUNITY_HISTORY	An associative table relating one or more OPPORTUNITY records with one or more HISTORY records.
TBL_OPPORTUNITY_NOTE	An associative table relating one or more OPPORTUNITY records with one or more NOTE records.
TBL_OPPORTUNITY_PRODUCTSERVICE	An association table identifying the ProductServices (TBL_PRODUCTSERVICE) to its parent Opportunity (TBL_OPPORTUNITY) record.
TBL_PASSWORDHISTORY	Stores the datetime and user values (set by) each time a User password is changed.
TBL_PERMISSION	Contains the identified system Permissions which can be associated to both Roles and/or Users. Currently a non-user extensible table.
TBL_PERMISSION_DEPEND	Associative table referencing TBL_PERMISSION. Identifies the dependency structure for Permissions.
TBL_PHONE	The base table for all Phone records for the extensible Entities, including: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible

	relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.
TBL_PHONEMASK	A child table to TBL_COUNTRY; contains pre-defined input masks for Phone fields including "Freeform".
TBL_PICKLIST	A characteristic/definition table. Records define both stock and user-defined Picklists which can be bound/associated to one or more columns. This table contains both system and user-defined records. It is comprised of one or more PicklistItem records. An example of a Picklist would be "States" or "Contact ID/Status".
TBL_PICKLIST_SYSCOLUMN	An association table used to identify Picklists (TBL_PICKLIST) bound to columns (TBL_SYSCOLUMN) in the database. A Picklist can be associated to more than one column, however, current implementation only supports one Picklist bound to a column. Other behavioral attributes reside on this association record as well, such as whether to allow multi-select, etc.
TBL_PICKLISTITEM	A characteristic/definition table. Records define both stock and user-defined items for each Picklist. These records represent the actual list items for each established Picklist such as "States" or "Contact ID/Status".
TBL_PREFERENCE	Contains both the default and database-wide Preference values for the database. For user-settable Preferences, those changes are stored in the TBL_ACCESSOR_PREFERENCE table.
TBL_PROCESS	A characteristic/definition table. Records define both stock and user-defined Processes for Opportunities. Each Process can have one or more Stages.
TBL_PRODUCT	A PRODUCT can be either an actual item which is produced and sold or a service which is provided and sold. A PRODUCT can belong to item groupings which are fields called FAMILY and GROUP. A PRODUCT Price is maintained and represented in the one database-defined currency.
TBL_PRODUCTSERVICE	A one-to-many table for listing the PRODUCT line items for each OPPORTUNITY. Each Opportunity can have zero, one or more Products. The aggregation of these records are stored in its parent TBL_OPPORTUNITY record.
TBL_RESOURCE	A sub-type/child table to TBL_ACCESSOR; further defines the Resource record with its specific attributes. A Resource is used in the Activities feature for scheduling things like conference rooms, projectors, etc.
TBL_ROLE	A characteristic/definition table. Defines the security Roles which can be associated to users in the database. *currently a non user-recordable table.
TBL_ROLE_PERMISSION	An association table used to identify which Permissions (TBL_PERMISSION) are available to Users belonging to the Roles (TBL_ROLE) which have been defined. This is currently a non user-extensible area.
TBL_SECONDARY	An associative table referencing the TBL_CONTACT record. This record identifies the relationship between a Contact and a Secondary Contact. Currently the Framework supports/allows a Secondary Contact to have only one primary Contact association.
TBL_SERIALNUMBER	Contains the cumulative list of ACT! Serial Numbers.
TBL_SETTING	Contains the default and/or database-wide Setting value(s) for a given feature, component and/or task in the database. For user-definable Settings, those overrides are stored in the TBL_ACCESSOR_SETTING table.
TBL_SOCIALMEDIA	Table to hold the different social media types
TBL_STAGE	A characteristic/definition table. Records define both stock and user-defined Stages for use in Opportunities. A child table to and further defines the Opportunity Processes.
TBL_STAGE_COLOR	Contains any User-specified color setting for an Opportunity Stage.
TBL_STAGE_HISTORY	
TBL_SYNCCONTACT	An "off-line" shadow table of Contacts used to support the Subscription List in Sync. Includes certain core fields of the Contact record including Name, Company and Phone. This table will include deleted Contacts identifying the User and datetime the record was deleted; used to support Reports/Lookups such as Lookup>Last Sync.

TBL_SYNCCONTACT_ACL	An "off-line" shadow record of the Contact ACL (Access Control List), TBL_CONTACT_ACL. Used to secure the Sync Subscription List.
TBL_SYNCDB	Identifies the Remote Sync databases in the current Sync "family". Contains entries for both desktop, handheld devices (Palm, PocketPC) and Backoffice Links (ERP systems). Each record is represented locally by table CTL_SYNCDB.
TBL_SYNCDBTYPE	Characteristic/Lookup table. Foreign Keyed in TBL_SYNCDB and allows Sync DB types to be localized and uniformly displayed, etc.
TBL_SYNCEXTENDEDDEDATA	Contains, per Sync database, the limits/number of "Extended Data" (Notes, Histories, Activities, Opportunities) to send to the remote database. Used primarily to support Handheld devices and set by the conduits. An example might be "Last 10 Notes" or "Last 30 days Activities"
TBL_SYNCEXTENDEDDEDATA_TYPE	For each TBL_SYNCEXTENDEDDEDATA record which is applicable (i.e. Histories, Activities), contains the "Types" for each Extended Data item the user has requested to Sync. For example, for Histories a user may just request "Call Completed", "Meeting Held", etc. The TYPEID represents the TYPEID of the Extended Data type found in TBL_HISTORYTYPE, TBL_ACTIVITYTYPE, etc.
TBL_SYNCSET	The table defines the SyncSet. Has a supporting child table for dynamic queries TBL_SYNCSETQUERY. Contact subscription can be either static (via the Subscription List), dynamic or both.
TBL_SYNCSET_ACCESSOR	Contains the Accessors (Users) specified in the SyncSet definition. This table will contain records if one or more specific Users have been specified, otherwise, if "All Users" has been selected this table will contain no records for that SyncSet.
TBL_SYNCSETQUERY	A child table to TBL_SYNCSET. It will contain a record for each line specified in the SyncSet query criteria (if query criteria was created).
TBL_SYNCSUBSCRIPTION	Contains the Subscribed Contacts for each SyncSet. For each SyncSet, every *possible* Contact is included here (based upon the Users selected in the SyncSet definition), however, not all may necessarily be subscribed.
TBL_SYSCALCCOLUMN	System metadata table. Contains a record for each base/physical column participating in a Calculated Column's definition.
TBL_SYSCOLUMN	System metadata table. Contains an entry for each field/column in the database. Provides the logical to physical mapping/translation between the application and the RDBMS.
TBL_SYSCOLUMN_ACL	Column level security table - Access Control List (ACL). Contains a record for each exposed/securable column in the database. Entries can include either Users and/or Teams (since it foreign keys to TBL_ACCESSOR).
TBL_SYSCONSTANT	System table used to define certain keys across various tables/records in the database which are constant. Allows a surrogate name to be used for these key retrievals.
TBL_SYSDATATYPE	System metadata table; a characteristic/definition table defining the column/field datatypes used by ACT!. Contains both physical RDBMS-specific information as well as application and business implementation. A "mapping" table between logical ACT! datatypes and the underlying physical RDBMS datatypes.
TBL_SYSDOMAIN	A characteristic/definition table. A system table to categorize field/column datatypes (stored in TBL_SYSDATATYPE) into common groups - Domains. An example of that would be the "String" Domain that would include the varchar and char datatypes.
TBL_SYSDOMAIN_SYSEOPERATOR	An system association table used to define the RDBMS and datatype-specific SQL for the selected datatype domain (TBL_SYSDOMAIN) and the equation operator (TBL_SYSEOPERATOR). Used to support Lookups and Advanced Query.
TBL_SYSENTITY	A characteristic/definition table. Defines the high-level Entities in the application, including: <ul style="list-style-type: none"> <li>Contact</li> <li>Group</li> <li>Company</li> <li>Opportunity</li> </ul> This record is further defined by the table TBL_SYSENTITY_SYSTABLE to identify the individual tables which comprise the Entity record, including any custom tables.

TBL_SYSENTITY_SYSTABLE	An association table identifying the underlying tables which comprise the high-level Entity such as Contact or Group. This association table will include any custom (or spill-over) tables for any extensible Entity.
TBL_SYSENTITYRELATION	An association table to identify Entities to other Entities. Typically this will be a relationship between an Entity and a Sub-Entity. An example of this would be a Custom Table "Policies" (a Sub-Entity) for the Entity Contact.
TBL_SYLOCALCOLUMN	A system definition/metadata table used to facilitate some name localizations.
TBL_SYLOCALMESSAGE	A system definition table used by some database procedural objects.
TBL_SYSOOPERATOR	A characteristic/definition table. Defines the stock query operators, used by the Lookup and Advanced Query modules.
TBL_SYSTABLE	System metadata table. Contains an entry for every table in the database. Provides the logical to physical mapping/translation between the application and the RDBMS.
TBL_SYSTABLEDOMAIN	System metadata table. Identifies high-level categorization of tables (TBL_SYSTABLE). For example, the "Contact" Domain contains the TBL_CONTACT table. This is an indirectly-extensible user table for Custom Entities and Sub-Entities.
TBL_SYSTABLEKEY	System metadata table. Contains an entry for each Key and Constraint in the database, both logical and physical. Provides the logical to physical mapping/translation between the application and the RDBMS. These records would include Indexes, Duplicate Checking keys and Primary and Alternate Keys.
TBL_SYSTABLEKEY_SYSCOLUMN	A system association record used to identify which columns (TBL_SYSCOLUMN) participate in a key or index (TBL_SYSTABLEKEY). Also contains the ordinal position of the column within the key or index.
TBL_SYSTABLERELATION	Internal system table used primarily to support Sync. Contains zero-one-or-more records for each table that have either depending relationships (it's got other tables that foreign-key to it) or dependent relationships (it foreign-keys to one or more other tables). Used in Sync Exception resolution to determine further actions. Contains the "rules" for each relationship as well.
TBL_SYVALUE	System metadata table containing pre-determined values for Lookups and Advanced Query, etc.
TBL_SYVALUEUSAGE	System metadata table.
TBL_TEAM	A sub-type/child table to TBL_ACCESSOR; further defines the Team record with its specific attributes.
TBL_TEAM_USER	An association table which associates Users (TBL_USER) to Teams (TBL_TEAM). Note that some Team-User associations are system-generated based upon Role (such as Administrator).
TBL_USER	CHILD/DEPENDENT TABLE TO ACCESSOR. A User represents a person who can actually login and use the ACT! application. Users can optionally belong to one or more Teams which is stored in the TEAM_USER table. The User-specific information, such as LOGIN and PASSWORD, etc. is stored in this table while the "Contact/person-related" information is stored in the CONTACT table. A USER record cannot exist without a reference to it's corresponding CONTACT record.
TBL_USER_ACCESSOR_ENUM	A shadow, denormalized table used solely for constructing secured queries against the Contact Access Control List (ACL). Every User in the database will have at least one record here, their own record. Additionally, this table will also contain a record for every Team membership, including system, that the User belongs to. Note that this table does NOT Sync.
TBL_USER_DEFAULT_ACL	This table contains the default accessor list for a user. These ACL get inserted into TBL_CONTACT_ACL when ever a new contact is added. These entries get cascade deleted when a user is deleted. If the user is in either column that entry gets deleted.
TBL_USER_PERMISSION	Identifies any User-specific Permissions assigned by an Administrator. These Permissions are additive to the User's assigned Role.
TBL_VIRTUALRECORDTYPE	A system association table used to support the Virtual recordtypes in the database. Virtual records include Address, Email and Phone. This record (virtually) creates the columns on the base Entity record (Contact, Group, Company) for the associated column Type (stored in TBL_PICKLISTITEM).

TBL_WORKFLOW_ACTIVITY_CLEARED	
TBL_WORKFLOW_ARCHIVE	
TBL_WORKFLOW_SUBSCRIPTION	
TBL_WORKFLOWDEF	Contains the definition and all other attributes of each Workflow in the database.
TBL_WORKFLOWDEF_ACL	The ACL table for Workflow; identifies Users and/or Teams which may have access to a Workflow.

Column(s) of "CTL_ABL_ACTIVITY" Table		
Name	Datatype	Comment
ABL_ACTIVITYID	uniqueidentifier	
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
ISSELECTED	bit	
QUERYVALUE	nvarchar(128)	
DRIVERACTIVITYTYPE	int	
ACTIVITYTYPEID	smallint	
REGARDING	nvarchar(256)	
ACTIVITYPRIORITYID	tinyint	Alternate Key. This field/value is foreign keyed in the referencing table instead of the primary key.
ISALARMED	bit	
ALARMLEADMINUTES	int	
LAGDAYS	int	
ORGANIZEUSERID	uniqueidentifier	
BANNERCOLOR	int	

Column(s) of "CTL_ABL_CONNECTOR" Table		
Name	Datatype	Comment
CONNECTORID	uniqueidentifier	
CONNECTORTYPEID	int	Foreign Key. Enumerator. Valid values include: 1 - ERP 2 - MobilityCRM 3 - MobilityEMail
APPLICATION_NAME	nvarchar(32)	Examples of content for this field include PeachTree, QuickBooks, Sage Accounting, Funambol, etc. Identifying name of the Business Link database/datasource. Used in-part to construct View Table column name for eligible Connector Types (such as ERP).

Column(s) of "CTL_ABL_CONNECTOR_ACCESSORCONFIG" Table		
Name	Datatype	Comment
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
CONFIGXML	XML	XML data field to hold configuration information for a given User and/or Team.

Column(s) of "CTL_ABL_CONNECTOR_ENTITY" Table		
Name	Datatype	Comment
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
CONNECTORID	uniqueidentifier	FOREIGN KEY to CTL_ABL_CONNECTOR.
CONNECTION_STRING	nvarchar(256)	Defined connection and/or authentication information to the Backoffice application/database.
SYNCDBGUID	uniqueidentifier	FOREIGN KEY to TBL_SYNCDB, Optional. For an applicable ConnectorType (i.e. ERP, Mobility), the Sync DB which represents the specific Connector Entity. This is the tie/association between ABL and ACT! Sync.
NAME	nvarchar(28)	Identifying name of the Business Link database/datasource. Used in-part to construct View Table column name for eligible Connector Types (such as ERP).

CONFIGXML	XML	XML data field. Contains any Connector_Entity configuration information generally in the form of named-pair values.
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Column(s) of "CTL_ABL_CONNECTOR_ENTITYSCHEMA" Table		
Name	Datatype	Comment
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
ENTITYID	uniqueidentifier	PRIMARY KEY.
ORDINAL	tinyint	
TABLENAME	nvarchar(32)	The tablename of the View Table (VWT) containing the representational ABL Connector Entity link data.
COLUMNNAME	nvarchar(64)	The columnname of the View Table (VWT) containing the representational ABL Connector Entity link data.

Column(s) of "CTL_ABL_CONNECTORTYPE" Table		
Name	Datatype	Comment
CONNECTORTYPEID	int	Enumerator. Valid values include: 1 - ERP 2 - MobilityCRM 3 - MobilityEMail
NAME	nvarchar(128)	The name of the ABL Connector.
ISENTITYFIELDS	bit	Boolean. Indicates whether the Connector Type is one which requires ACT! Entity fields to be materialized when a Connector Entity is registered. This will generate fields in View Tables for the BusinessLinks.

Column(s) of "CTL_ABL_DEPENDENT" Table		
Name	Datatype	Comment
DEPENDENTID	int	
BACKOFFICE_RECORDID	nvarchar(64)	
ACT_RECORDID	uniqueidentifier	
ACT_TABLEID	uniqueidentifier	Primary Key.
ACT_ENTITYID	uniqueidentifier	PRIMARY KEY.

Column(s) of "CTL_ABL_FIELD" Table		
Name	Datatype	Comment
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
BUSINESS_FIELD_NAME	nvarchar(50)	Business string representation of the field - passed in schema request
BUSINESS_RECORD_TYPE	nvarchar(50)	The type of record as determined/stored by the Backoffice system. An example could be Accounts Payable, etc.
BUSINESS_COLUMNID	uniqueidentifier	Guid assigned when database is configured
BUSINESS_FIELD_DISPLAY	nvarchar(50)	Business description of field and its contents
BUSINESS_ENTITY_TYPE	nvarchar(50)	Type of business entity
BUSINESS_IS_READONLY	bit	
BUSINESS_FIELD_LENGTH	int	
BUSINESS_STATIC_MAP	bit	
ACT_COLUMNID	uniqueidentifier	FOREIGN KEY to TBL_SYSCOLUMN. If mapped, identifies the mapping between the Business field and the ACT! database field.

Column(s) of "CTL_ABL_LINK" Table		
Name	Datatype	Comment
LINKID	int	Surrogate Primary Key.
CONNECTOR_ENTITYID	uniqueidentifier	Foreign Key to CTL_ABL_CONNECTOR_ENTITY.
BACKOFFICE_RECORDID	nvarchar(64)	This is the record identifier in the Backoffice system.

BUSINESS_ENTITY_TYPE	nvarchar(50)	Identifies the type of record in the Backoffice system. An example could be Customer or Vendor, etc.
ACT_RECORDID	uniqueidentifier	The id of the record in ACT!; this would be a CONTACTID, COMPANYID, etc.
ACT_ENTITYID	uniqueidentifier	FOREIGN KEY to TBL_SYSENTITY. Identifies the type of ACT! record (i.e. Contact, Company) for the ACT_RECORDID.

Column(s) of "CTL_ABL_LINK_DEPENDENT" Table		
Name	Datatype	Comment
LINKID	int	Surrogate Primary Key.
DEPENDENTID	int	

Column(s) of "CTL_ABL_LINKREMAP" Table		
Name	Datatype	Comment
LINKID	int	Surrogate Primary Key.
PRIOR_ACT_RECORDID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was last edited.
CREATEUSERID	uniqueidentifier	

Column(s) of "CTL_ABL_MASTERQUEUE_INPUT" Table		
Name	Datatype	Comment
ROWID	int	
ROWTIMESTAMP	datetime	Date and Time the record was last edited.
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
RECORDTYPE	nvarchar(50)	
ENTITYID	nvarchar(100)	
STATUS	char(1)	
ACTIONCODE	char(2)	
TRANSACTIONXMLDATA	nvarchar(max)	

Column(s) of "CTL_ABL_MASTERQUEUE_OUTPUT" Table		
Name	Datatype	Comment
ROWID	int	Primary Key. IDENTITY.
ROWTIMESTAMP	datetime	Date and Time the record was last edited.
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
RECORDTYPE	nvarchar(50)	
ENTITYID	nvarchar(100)	
STATUS	char(1)	
ACTIONCODE	char(2)	
TRANSACTIONXMLDATA	nvarchar(max)	

Column(s) of "CTL_ABL_MASTERQUEUE_PREFILTER" Table		
Name	Datatype	Comment
ROWID	int	
ROWTIMESTAMP	datetime	Date and Time the record was last edited.
CONNECTOR_ENTITYID	uniqueidentifier	PRIMARY KEY.
RECORDTYPE	nvarchar(50)	
ENTITYID	nvarchar(100)	
STATUS	char(1)	
ACTIONCODE	char(2)	
TRANSACTIONXMLDATA	XML	

Column(s) of "CTL_ABL_SCHEDULEDFOR" Table		
Name	Datatype	Comment
ABL_ACTIVITYID	uniqueidentifier	

Column(s) of "CTL_ACTIVITY_ABL_ACTIVITY" Table		
Name	Datatype	Comment

ACTIVITYID	uniqueidentifier	Primary Key.
ABL_ACTIVITYID	uniqueidentifier	
ABL_BACKOFFICE_RECORDID	nvarchar(256)	
CREATEDATE	datetime	Date and Time the record was last edited.

Column(s) of "CTL_BI_CALENDARDATE_DIM" Table		
Name	Datatype	Comment
CALENDARDATE	datetime	Primary Key
YEAR	nvarchar(64)	A calculated column
MONTH	nvarchar(64)	A calculated column
QUARTER	nvarchar(64)	A calculated column
DAYOFWEEK	nvarchar(64)	A calculated column

Column(s) of "CTL_BI_COMPANY_DIM" Table		
Name	Datatype	Comment
COMPANYID	int	Primary Key. This is a generated integer, not the ACT GUID.
COMPANYNAME	nvarchar(255)	The Company name as it appears in ACT!

Column(s) of "CTL_BI_CONTACT_DIM" Table		
Name	Datatype	Comment
CONTACTID	int	Primary Key. This is a generated integer, not the ACT GUID.
CONTACTNAME	nvarchar(255)	The Contact name as it appears in ACT!

Column(s) of "CTL_BI_GEOGRAPHY_DIM" Table		
Name	Datatype	Comment
GEOGRAPHYID	int	Primary Key. A generated integer.
COUNTRYNAME	nvarchar(255)	
STATEORPROVINCE	nvarchar(255)	
CITY	nvarchar(255)	
ZIPORPOSTALCODE	nvarchar(255)	

Column(s) of "CTL_BI_GROUP_DIM" Table		
Name	Datatype	Comment
GROUPID	int	Primary Key. This is a generated integer, not the ACT GUID.
GROUPNAME	nvarchar(255)	The Group name as it appears in ACT!

Column(s) of "CTL_BI_HISTORY_FACT" Table		
Name	Datatype	Comment
CALENDARDATE	datetime	Primary Key
COMPANYID	int	Primary Key
OPPORTUNITYID	int	Primary Key
HISTORYTYPEID	int	Primary Key
CONTACTID	int	Primary Key
GROUPID	int	Primary Key
USERID	int	Primary Key
COUNT	bigint	Simple count of the Activities, aggregated under the Dimension keys.
DURATION	bigint	Total Duration in seconds, of the Activities aggregated under the Dimension keys.

Column(s) of "CTL_BI_HISTORYTYPE_DIM" Table		
Name	Datatype	Comment
HISTORYTYPEID	int	Primary Key. This is a generated integer, it does not come from another table.
HISTORYTYPENAME	nvarchar(255)	The third and lowest level in the hierarchy for categorizing Activity History. User extensible. Sample values: Meeting Held, Meeting Erased; Call Attempted, Call Received, Call Completed.

HISTORYTYPEGROUPNAME	nvarchar(255)	The second level in the hierarchy for categorizing Activity History. User extensible. Sample values: Meeting, Call, To-Do, etc.
HISTORYTYPESUPERGROUPNAME	nvarchar(255)	The highest level in the hierarchy for categorizing Activity History. Not user extensible.

Column(s) of "CTL_BI_INDUSTRY_DIM" Table		
Name	Datatype	Comment
INDUSTRYID	int	Primary Key. This is a generated integer, it does not come from another table.
INDUSTRYNAME	nvarchar(255)	The Industry column from the ACT! table TBL_COMPANY.

Column(s) of "CTL_BI_OPPORTUNITY_DIM" Table		
Name	Datatype	Comment
OPPORTUNITYID	int	Primary Key. This is a generated integer, not the ACT GUID.
OPPORTUNITYNAME	nvarchar(255)	

Column(s) of "CTL_BI_OPPORTUNITY_FACT" Table		
Name	Datatype	Comment
INDUSTRYID	int	Primary Key
CALENDARDATE	datetime	Primary Key
USERID	int	Primary Key
COMPANYID	int	Primary Key
GEOGRAPHYID	int	Primary Key
OPPORTUNITYSTATUSID	int	Primary Key
COUNT	int	Simple count of the Opportunities aggregated under the Dimension keys.
AMOUNT	money	Total dollar amount of the Opportunities aggregated under the Dimension keys.
GROSSMARGIN	money	Total gross margin, in dollars, of the Opportunities aggregated under the Dimension keys.

Column(s) of "CTL_BI_OPPORTUNITYSTATUS_DIM" Table		
Name	Datatype	Comment
OPPORTUNITYSTATUSID	int	Primary Key. This is a generated integer, it does not come from another table.
OPPORTUNITYSTATUSNAME	nvarchar(255)	Generated character value. One of: Won, Lost.

Column(s) of "CTL_BI_USER_DIM" Table		
Name	Datatype	Comment
USERID	int	Primary Key. This is a generated integer, it does not come from another table.
USERNAME	nvarchar(255)	The full name of the Contact / User, as it appears in ACT!

Column(s) of "CTL_DBCONFIG" Table		
Name	Datatype	Comment
DBCONFIGID	uniqueidentifier	PRIMARY KEY.
SECTION	nvarchar(32)	A high-level categorization of the record. An example would be SYNC.
NAME	nvarchar(32)	The configuration record name. An example would be SCHEMA VERSION.
CONFIGVALUE	nvarchar(512)	The current configuration/setting value.
DISPLAYNAME	nvarchar(256)	The localizable display value for the configuration setting. Displayed in DB Status Panel and possibly other areas.

DESCRIPTION	nvarchar(1024)	A descriptive text of the configuration record.
VALUETYPE	nvarchar(32)	The logical datatype for the CONFIGVALUE.
VALIDATION	nvarchar(256)	An optional list/set of constraints that the CONFIGVALUE must comply with.
ISREQUIRED	bit	BOOLEAN. Determines if the value must be set or is optional.
ISCOPIED	bit	BOOLEAN. Determines whether the setting is to be copied over to a new database created FROM the current database. Such an occasion would be for creating a Remote Sync db and performing a File_Save As.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the last User to edit the record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record

Column(s) of "CTL_EVENTLOG" Table		
Name	Datatype	Comment
EVENTLOGID	int	PRIMARY KEY.
EVENTLOGTYPEID	tinyint	Foreign Key to CTL_EVENTLOGTYPE. Identifies the pre-determined classification of Event.
EVENTSOURCE	nvarchar(max)	A system field denoting the object or call made that wrote the record.
EVENTDATE	datetime	Date and Time the record was created.
EVENTUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
SQLUSER	nvarchar(max)	A system field identifying the context of the physical SQL Server connection.

Column(s) of "CTL_EVENTLOGDETAIL" Table		
Name	Datatype	Comment
EVENTLOGID	int	PRIMARY KEY.
STATUSNUM	tinyint	ENUMERATOR. Valid values are: 0 - Started 1 - Completed with Success 2 - Completed with Error
DETAILDATE	datetime	Date and Time the record was created.
DETAILS	nvarchar(max)	A brief description of the Event or Event step.
OLDVALUE	nvarchar(max)	When applicable, the old field/record value.
NEWVALUE	nvarchar(max)	When applicable, the new field/record value.

Column(s) of "CTL_LOCALSTRING" Table		
Name	Datatype	Comment
STRINGKEY	varchar(50)	PRIMARY KEY. A friendly specific string used by one or more procedural code objects inside the database. Not localized - this is the key to retrieve the localized string value STRINGVALUE.
STRINGVALUE	nvarchar(3000)	The string translation/conversion value for the local string key.
LOCALSTRINGID	uniqueidentifier	ALTERNATE KEY.

Column(s) of "CTL_OLEDBFUNCTION" Table		
Name	Datatype	Comment

FUNCTIONID	int	PRIMARY KEY.
FUNCTIONNAME	nvarchar(64)	The name of the Database SQL or CLR Function.
TABLENAME	nvarchar(32)	The name of the SQL Table for which this Function is built from and for.

Column(s) of "CTL_OLEDBFUNCTION_SYSCOLUMN" Table		
Name	Datatype	Comment
COLUMNID	uniqueidentifier	PRIMARY KEY. Foreign Key to the TBL_SYSCOLUMN table.
FUNCTIONID	int	PRIMARY KEY. Foreign Key to the CTL_OLEDBFUNCTION table.
FUNCTIONCOLUMN	nvarchar(64)	The name of the column which was generated for the Function. These names are based upon the column ALIASNAME.
ISVIEWCOLUMN	bit	Boolean. Identifies whether the column is exposed/included in the database View. Some columns which are not exposed, but used by the View construction/DDDL, include the Primary Key column for Entity Spillover tables.

Column(s) of "CTL_OLEDBVIEW" Table		
Name	Datatype	Comment
VIEWNAME	nvarchar(64)	PRIMARY KEY. The name of the SQL database View which is exposed to the Provider. For Entities, this value is based upon the Entity NAME, for others it is based upon the Table NAME.
ISDISPLAYED	bit	Boolean. Determines if the record is a displayed View for the OLE DB Provider. Values: 0 - do not display 1 -display the View

Column(s) of "CTL_OLEDBVIEW_DERIVEDCOLUMN" Table		
Name	Datatype	Comment
VIEWNAME	nvarchar(64)	PRIMARY KEY. The name of the SQL database View which is exposed to the Provider. For Entities, this value is based upon the Entity NAME, for others it is based upon the Table NAME.
COLUMNNAME	nvarchar(64)	The name of the Column. Equivalent to a table physical name.
DISPLAYNAME	nvarchar(64)	The logical/friendly display name of the column.
DATATYPEID	tinyint	Foreign Key to TBL_SYSDATATYPE.
DESCRIPTION	nvarchar(512)	Optional description for the column.

Column(s) of "CTL_OLEDBVIEW_JOINDATA" Table		
Name	Datatype	Comment
VIEWNAME	nvarchar(64)	PRIMARY KEY. Identifies the child/dependent SQL database View.
PARENT_VIEWNAME	nvarchar(64)	PRIMARY KEY. Identifies the parent SQL database View.
VIEW_JOINCOLUMN	nvarchar(64)	The name of the column in the VIEWNAME used for JOINS.
PARENT_JOINCOLUMN	nvarchar(64)	The name of the column in the PARENT_VIEWNAME used for JOINS.
JOINTYPE	nvarchar(64)	Specifies whether to perform an INNER or OUTER Join between tables (PARENT_VIEWNAME to VIEWNAME).

Column(s) of "CTL_OLEDBVIEW_KEYINDEX" Table		
Name	Datatype	Comment
KEYINDEXID	uniqueidentifier	PRIMARY KEY.

VIEWNAME	nvarchar(64)	The name of the SQL database View which is exposed to the Provider. For Entities, this value is based upon the Entity NAME, for others it is based upon the Table NAME.
KEYINDEXNAME	nvarchar(64)	The name of the database constraint.
KEYINDEXTYPE	nvarchar(64)	The type of the Key Index. Values include: PRIMARY KEY FOREIGN KEY UNIQUE
PRIMARYKEY_NAME	nvarchar(64)	Applicable only to record of KEYINDEXTYPE of 'FOREIGN KEY'. Denotes the name of the corresponding Key constraint name.

Column(s) of "CTL_OLEDBVIEW_KEYINDEX_SYSCOLUMN" Table		
Name	Datatype	Comment
KEYINDEXID	uniqueidentifier	PRIMARY KEY. Foreign Key to CTL_OLEDBVIEW_KEYINDEX.
COLUMNNAME	nvarchar(64)	The name of the column which is all or a part of the Key Index.
COLUMNID	uniqueidentifier	Foreign Key to TBL_SYSCOLUMN.
ORDINAL	smallint	The ordinal position of the column within the Key Index.

Column(s) of "CTL_OLEDBVIEW_OLEDBFUNCTION" Table		
Name	Datatype	Comment
VIEWNAME	nvarchar(64)	PRIMARY KEY. The name of the SQL database View which is exposed to the Provider. For Entities, this value is based upon the Entity NAME, for others it is based upon the Table NAME.
FUNCTIONID	int	PRIMARY KEY. Foreign Key to the CTL_OLEDBFUNCTION table.
ISPRIMARYFUNCTION	bit	Boolean. Internal-use flag to denote the primary/core Function for the View. Used for View generation processing.

Column(s) of "CTL_OLEDBVIEW_PROVIDerview" Table		
Name	Datatype	Comment
VIEWNAME	nvarchar(64)	PRIMARY KEY. Foreign Keys to the CTL_OLEDBVIEW table.
PROVIDER_VIEWNAME	nvarchar(64)	PRIMARY KEY. Foreign Keys to the CTL_PROVIDerview table.

Column(s) of "CTL_PROVIDerview" Table		
Name	Datatype	Comment
PROVIDER_VIEWNAME	nvarchar(64)	PRIMARY KEY. The name of the View as it is exposed to the OLE DB v2.0 Provider.
DISPLAYNAME	nvarchar(64)	The friendly displayname for the OLEDB View. This value could represent either the Entity/Subentity Displayname, the underlying Table Displayname or a derived value
DESCRIPTION	nvarchar(1024)	An optional narrative description of the record.

Column(s) of "CTL_SYNC_DEVICETABLE" Table		
Name	Datatype	Comment
SYNCDB_TYPENUM	tinyint	PRIMARY KEY. Foreien Keyed to TBL_SYNCDBTYPE.
TABLELUID	smallint	PRIMARY KEY. Foreign Key to the CTL_SYNCCTABLE record.

Column(s) of "CTL_SYNC_INITIALIZE_ROWDATA" Table		
Name	Datatype	Comment
ORDINAL	timestamp	
SYNCDBMAPID	smallint	
SYNCROWID	int	
ACTIONCODE	char(2)	
ACTIONDATE	datetime	Date and Time the record was last edited.
STATUS	char(1)	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3

Column(s) of "CTL_SYNC_INITIALIZE_ROWSCHEMA" Table		
Name	Datatype	Comment
ORDINAL	timestamp	
SYNCDBMAPID	smallint	
SYNCROWID	int	
ACTIONCODE	char(2)	
ACTIONDATE	datetime	
STATUS	char(1)	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3

Column(s) of "CTL_SYNCACCESSOR" Table		
Name	Datatype	Comment
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.

Column(s) of "CTL_SYNCOLUMN" Table		
Name	Datatype	Comment
COLUMNLUID	smallint	PRIMARY KEY. The local id of the column in this database.
COLUMNID	uniqueidentifier	FOREIGN KEY to TBL_SYSCOLUMN.

Column(s) of "CTL_SYNCDB" Table		
Name	Datatype	Comment
SYNCDBID	smallint	PRIMARY KEY, SMALLINT. A local integer value used in the various CTL_sync tables in the ORIGIN_SYNCDBID field. Also used in SYNCDBMAP table to identify Pub/Sub pairs.
SYNCDBGUID	uniqueidentifier	PRIMARY KEY.

Column(s) of "CTL_SYNCDBMAP" Table		
Name	Datatype	Comment
SYNCDBMAPID	smallint	Primary Key.
PUBDBID	smallint	The Publisher ID (SYNCDBID) value.
SUBDBID	smallint	The Subscriber ID (SYNCDBID) value.

Column(s) of "CTL_SYNCDBMAP_ROWCOMPLETED" Table		
Name	Datatype	Comment
SYNCDBMAPID	smallint	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1

ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3
STATUS	char(1)	
ACTIONCODE	char(2)	

Column(s) of "CTL_SYNCDBMAP_ROWDATA" Table		
Name	Datatype	Comment
SYNCDBMAPID	smallint	
ORDINAL	int	
SYNCROWID	int	
STATUS	char(1)	
ACTIONCODE	char(2)	
ACTIONDATE	datetime	Date and Time the record was last edited.
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3

Column(s) of "CTL_SYNCDBMAP_ROWEXCEPTION" Table		
Name	Datatype	Comment
ORDINAL	int	
ROWEXCEPTIONID	int	
SYNCDBMAPID	smallint	
STATUS	char(1)	
ACTIONCODE	char(2)	
ACTIONDATE	datetime	Date and Time the record was last edited.
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3

Column(s) of "CTL_SYNCDBMAP_ROWFILE" Table		
Name	Datatype	Comment
ORDINAL	int	
SYNCDBMAPID	smallint	
SYNCROWID	int	
STATUS	char(1)	
ACTIONCODE	char(2)	
ACTIONDATE	datetime	Date and Time the record was last edited.
FILENAME	nvarchar(512)	
FOLDERID	tinyint	PRIMARY KEY.
ROWID1	uniqueidentifier	

Column(s) of "CTL_SYNCDBMAP_ROWSCHEMA" Table		
Name	Datatype	Comment
SYNCDBMAPID	smallint	
ORDINAL	int	
SYNCROWID	int	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3

STATUS	char(1)	
ACTIONCODE	char(2)	
ACTIONDATE	datetime	Date and Time the record was last edited.

Column(s) of "CTL_SYNCDBMAP_SESSION" Table		
Name	Datatype	Comment
SYNCDBMAPID	smallint	Primary Key.
SESSIONID	int	
SESSIONDATE	datetime	Date and Time the record was last edited.
NUM_NEWROW	int	
NUM_NEWMEMBER	int	
NUM_DELETEDROW	int	
NUM_DELETEDMEMBER	int	
NUM_ACTIVEMEMBER	int	
ATTACHMENT_ACCESS	xml	
SYNC_USER	xml	

Column(s) of "CTL_SYNCDBMAP_SESSIONROW" Table		
Name	Datatype	Comment
SYNCDBMAPID	smallint	Primary Key.
CONTACTID	uniqueidentifier	
SESSIONID	int	
STATUSNUM	tinyint	
ORIGIN_SYNCDBID	smallint	

Column(s) of "CTL_SYNCDBMAPINFO" Table		
Name	Datatype	Comment
SYNCDBMAPID	smallint	Primary Key.
LAST_SNAPSHOTDATE	datetime	Date and Time the database was snapshotted or re-initialized.
LAST_ATTEMPTDATE	datetime	Date and Time the record was last edited.
LAST_SUCCESSDATE	datetime	Date and Time the record was last edited.
LAST_SESSIONID	int	
LAST_RESULT	int	
ISREPLAY	bit	BOOLEAN. Indicates if the session has been identified as a Replay condition. This is to primarily support the scenario of either a remote or master database being set-back to a previous state (such as with a restored database from an earlier backup). This field is used by various Sync Procedures to handle/override the high-water marks and orgin syncdbid. Values are: 0 = A normal Sync Session 1 = A Replay Sync Session
LAST_ADDSYNCROWID	int	
LAST_DELSYNCROWID	int	
LAST_UPDSENDDATE	datetime	Date and Time the record was last edited.
LAST_COMPLETEDATE	datetime	Date and Time the record was last edited.
NEXT_ADDSYNCROWID	int	
NEXT_DELSYNCROWID	int	
NEXT_UPDSENDDATE	datetime	Date and Time the record was last edited.
RECV_ATTEMPTDATE	datetime	Date and Time the record was last edited.
RECV_SUCCESSDATE	datetime	Date and Time the record was last edited.
RECV_SESSIONID	int	
RECV_RESULT	int	
RECV_ADDSYNCROWID	int	
RECV_DELSYNCROWID	int	
RECV_UPDDATE	datetime	Date and Time the record was last edited.
RECV_COMPLETEDATE	datetime	Date and Time the record was last edited.

Column(s) of "CTL_SYNCDBMAPINFO_HISTORY" Table		
Name	Datatype	Comment
SYNCDBMAPINFO_HISTORYID	int	
SYNCDBMAPID	smallint	Primary Key.
LAST_SNAPSHOTDATE	datetime	Date and Time the record was last edited.
LAST_ATTEMPTDATE	datetime	Date and Time the record was last edited.
LAST_SUCESSDATE	datetime	Date and Time the record was last edited.
LAST_SESSIONID	int	
LAST_RESULT	int	
ISREPLAY	bit	BOOLEAN. Indicates if the session has been identified as a Replay condition. This is to primarily support the scenario of either a remote or master database being set-back to a previous state (such as with a restored database from an earlier backup). This field is used by various Sync Procedures to handle/override the high-water marks and orgin syncdbid. Values are: 0 = A normal Sync Session 1 = A Replay Sync Session
LAST_ADDSYNCROWID	int	
LAST_DELSYNCROWID	int	
LAST_UPDSENDDATE	datetime	Date and Time the record was last edited.
LAST_COMPLETEDATE	datetime	Date and Time the record was last edited.
NEXT_ADDSYNCROWID	int	
NEXT_DELSYNCROWID	int	
NEXT_UPDSENDDATE	datetime	Date and Time the record was last edited.
RECV_ATTEMPTDATE	datetime	Date and Time the record was last edited.
RECV_SUCESSDATE	datetime	Date and Time the record was last edited.
RECV_SESSIONID	int	
RECV_RESULT	int	
RECV_ADDSYNCROWID	int	
RECV_DELSYNCROWID	int	
RECV_UPDDATE	datetime	Date and Time the record was last edited.
RECV_COMPLETEDATE	datetime	Date and Time the record was last edited.

Column(s) of "CTL_SYNCROW_ADD" Table		
Name	Datatype	Comment
SYNCROWID	int	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3
ORIGIN_SYNCDBID	smallint	
ACTIONDATE	datetime	Date and Time the record was last edited.
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.

Column(s) of "CTL_SYNCROW_DELETE" Table		
Name	Datatype	Comment
SYNCROWID	int	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3
ORIGIN_SYNCDBID	smallint	
ACTIONDATE	datetime	Date and Time the record was last edited.
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.

CONTACTID	uniqueidentifier	
GROUPLD	uniqueidentifier	
COMPANYID	uniqueidentifier	
TYPEID	uniqueidentifier	
ACTIVITYID	uniqueidentifier	
NOTEID	uniqueidentifier	
HISTORYID	uniqueidentifier	
OPPORTUNITYID	uniqueidentifier	
ROWINFO	nvarchar(512)	OPTIONAL FIELD. Field to store any additional pertinent/relavent non-key fields of the deleted record. An example of this field's use is the FILENAME for file Attachments and Supplemental Files. Need this value to perform subsequent delete of the physical file.

Column(s) of "CTL_SYNCROW_EXCEPTION" Table		
Name	Datatype	Comment
ROWEXCEPTIONID	int	
SYNCDBMAPID	smallint	
SESSIONID	int	
SYNCROWID	int	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3
DETAILS	nvarchar(1000)	
STATUSNUM	tinyint	
DB_ERRORNUM	int	
ACTIONCODE	char(2)	
ACTIONDATE	datetime	Date and Time the record was last edited.
REF_ROWEXCEPTIONID	int	Optional FK - references the ROWEXCEPTIONID for certain row exceptions such as a MISSING.

Column(s) of "CTL_SYNCROW_FILE" Table		
Name	Datatype	Comment
SYNCROWID	int	
FOLDERID	tinyint	PRIMARY KEY.
ACTIONCODE	nvarchar(2)	The action of the file such as: A - ADD U - UPDATE D - DELETE
FILENAME	nvarchar(512)	
ACTIONDATE	datetime	Date and Time the record was last edited.
APPLYDATE	datetime	The datetime stamp representing when the record was applied (recorded) in this database. When a record is originated in the current database, the ACTIONDATE and APPLYDATE values will be the same. When sent via Sync, the APPLYDATE will be set to the sync time.
ORIGIN_SYNCDBID	smallint	
FILEHASH	char(34)	File hash field introduced to assist in identifying true/actual changes to files.
FILEID	uniqueidentifier	A secondary key identifier to assist in the resolving of File Deletes. Behavior: 1. Upon ADD (ACTIONCODE=AR) the FILEID is set to a new GUID value 2. Upon UPDATE the FILEID is not updated, it is retained 3. Upon DELETE the FILEID is updated to a new GUID value  For a DR if the GUIDs match the delete wins - if the GUIDs do not match it is assumed

		that the file was previously-deleted and subsequently re-added and therefore the Add or Update will win.
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Column(s) of "CTL_SYNCROW_UPDATE" Table		
Name	Datatype	Comment
SYNCROWID	int	
TABLELUID	smallint	
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3

Column(s) of "CTL_SYNCROW_UPDATECOLUMN" Table		
Name	Datatype	Comment
SYNCROWID	int	
COLUMNLUID	smallint	PRIMARY KEY. The local id of the column in this database.
ACTIONDATE	datetime	The original DATETIME of the Update to the column. This value is persisted across all participating databases and is used to evaluate the 'Winner' condition.
APPLYDATE	datetime	The DATETIME of when the record was applied at this database. It is used to determine record eligibility for Sync Initialization, but the ACTIONDATE is used to determine who updated last
ORIGIN_SYNCDBID	smallint	The SYNCDBID of the database which Originated the record or column.
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.
COLUMNVALUE	nvarchar(500)	Optional. Value of the column data which was updated.  Note: this value is always captured for Schema changes from TBL_SYSCOLUMN. It will only contain values from other tables if the SYNCFULL LOGGING db config setting is set to True.

Column(s) of "CTL_SYNCSETTYPE" Table		
Name	Datatype	Comment
TYPENUM	tinyint	PRIMARY KEY.
NAME	nvarchar(312)	Name to identify the type of SyncSet.
DESCRIPTION	nvarchar(128)	An optional description.

Column(s) of "CTL_SYNCTABLE" Table		
Name	Datatype	Comment
TABLELUID	smallint	
TABLEID	uniqueidentifier	Primary Key.

Column(s) of "CTL_SYSTABLEORDER" Table		
Name	Datatype	Comment
TABLENAME	nvarchar(32)	UNIQUE enforcement. A static value representing the PHYSICAL name of the table in the RDBMS.
TABLESEGMENT	char(1)	Identifies the segment/category in which the Table resides. Valid values include: S - Schema U - User C - Content

ORDINAL	smallint	Identifies the processing sequence of the table within it's TABLESEGMENT. This value is determined by Referential Integrity processing order.
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Column(s) of "CTL_USER_COLUMNACCESS" Table		
Name	Datatype	Comment
COLUMNID	uniqueidentifier	PRIMARY KEY.
ACCESSLEVEL	tinyint	Enum value; determines the level of Column/Field access for Users. *Used to support and supplement the OLE DB Reporting View security construction. Valid values include: 0 - Deny (no access) 1 - Read-only 2 - Full Edit (Read/Write)

Column(s) of "CTL_USERCOLUMN_CHANGED_TRIGGER" Table		
Name	Datatype	Comment
CONTEXTID	uniqueidentifier	Required field; populated by the SYSCOLUMN_ACL and TEAM_USER Triggers. Used to identify the session or context of the invocation/caller.
RECORDID	uniqueidentifier	Required field; contains either the USERID or COLUMNID

Column(s) of "CTL_USERPASSWORD_RESET" Table		
Name	Datatype	Comment
RESETID	uniqueidentifier	PRIMARY KEY.
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "CTL_USERSESSION" Table		
Name	Datatype	Comment
USERSESSIONID	uniqueidentifier	PRIMARY KEY.
HOSTNAME	nvarchar(64)	The name of the machine which completed the login.
APPLICATION	nvarchar(128)	The name of the application from which the User logged in.
LOGIN_TIME	datetime	Date and Time the User Session started (logged in).
PING_TIME	datetime	Date and Time the USERSESSION was last acknowledged (pinged) via procedure. Set to the LOGIN_TIME upon insert. Field is used to determined 'aged' connections when determining who is still connected to a database.

Column(s) of "CTL_WF_COMPLETEDSCOPE" Table		
Name	Datatype	Comment
INSTANCESTATEID	uniqueidentifier	
COMPLETEDSCOPEID	uniqueidentifier	
STATE	varbinary(max)	
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "CTL_WF_INSTANCESTATE" Table		
Name	Datatype	Comment
INSTANCESTATEID	uniqueidentifier	
STATE	varbinary(max)	
STATUSNUM	int	
ISUNLOCKED	bit	
ISBLOCKED	bit	
INFO	nvarchar(max)	
EDITDATE	datetime	Date and Time the record was last edited.
OWNERID	uniqueidentifier	

OWNEDUNTIL	datetime	Date and Time the record was last edited.
NEXTTIMER	datetime	Date and Time the record was last edited.

Column(s) of "TBL_ACCESSOR" Table		
Name	Datatype	Comment
NAME	nvarchar(128)	The logical and displayed name to the User and application. For a User, this is a denormalized, 'shadow' field containing the FULLNAME value from the User's 'My Record' (in TBL_CONTACT)
TYPENUM	tinyint	ENUMERATOR. An internal-use field to identify the record type. Valid values are: 0 = User 1 = Team 2 = Resource
STATUSNUM	tinyint	An ENUMERATOR. An internal-use field to identify the record status. Valid values are: 0 = Active 1 = Inactive 2 = Deleted (a soft delete)
CREATEDATE	datetime	Date and Time the record was created.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record

Column(s) of "TBL_ACCESSOR ACTIVITY" Table		
Name	Datatype	Comment
ACCESSOR_ACTIVITYID	uniqueidentifier	PRIMARY KEY. Implemented to support Task List.
ACTIVITYID	uniqueidentifier	Alternate Key, Foreign Key to TBL_ACTIVITY.
ISBASERECORD	bit	BOOLEAN datatype. Used to determine the first/original record for an Activity-Accessor pair. Each ACCESSOR must have ONE row with a value set to True(1). Exception rows will contain a value of False(0). True records are used to identify the attendee list for the ACTIVITY. Values: 0 = Not the base record 1 = The base record
ISACKNOWLEDGED	bit	BOOLEAN. Value determines if the Accessor, or his/her Delegate, has taken action on the Activity. This is most applicable to workgroup Activities where an Invitation model prevails. Once an acceptance or decline has been taken, the base record (ISBASERECORD=1) for the Accessor is set to True(1). Values: 0 = Not Acknowledged 1 = Acknowledged
ACTIVITYPRIORITYID	tinyint	Foreign Key to TBL_ACTIVITYPRIORITY.
ISALARMED	bit	BOOLEAN. Indicates whether the User is to receive an Alarm for an Activity.
LEADMINUTES	int	An Integer value representing the number of MINUTES to invoke an Alarm prior to the STARTTIME of the Activity.
ISBANNER	bit	BOOLEAN. Used to determine if the Activity will display as/with a full-day banner in the monthly Calendar view. This attribute can be set explicitly by the user in the Activity dialog, and it can also be set as default behavior in User Preferences. Values: 0 = No Full-Day Banner 1 = Display Full-Day Banner

BANNERCOLOR	int	An Integer value for color representation
STATUSNUM	tinyint	Enumerator status value indicating the Status of the Activity for a given User or Resource. Valid values are: 0 = ACCEPTED / ACTIVE 1 = TENTATIVE 2 = DECLINED 3 = CANCELED 9 = DELETED  Note: DELETED records are largely to support the STATUS_EXCEPTIONDATES for setting when Data Purge is performed.
ALARMCLEARED_DATES	nvarchar(max)	SYSTEM FIELD. A string containing zero-one-or-more dates for which the Activity Alarm has been cleared for the given Accessor (User). The string format is: MMDDYYYY
CLEARED_DATES	nvarchar(max)	SYSTEM FIELD. A string containing zero-one-or-more dates for which the Activity has been cleared for the given Accessor (User). The string format is: MMDDYYYY,
STATUSEXCEPTION_DATES	nvarchar(max)	SYSTEM FIELD. A string containing zero-one-or-more dates for which the Activity Status (accepted, declined, etc.) has been changed for the given Accessor (User). The string format is: MMDDYYYY#, Where # is the STATUSNUM value indicating what/why the status exception.

Column(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED" Table		
Name	Datatype	Comment
ACCESSOR_ACTIVITY_CLEAREDID	uniqueidentifier	
ACCESSOR_ACTIVITYID	uniqueidentifier	PRIMARY KEY. Implemented to support Task List.
CLEARED_DATE	smalldatetime	
ACTIVITYID	uniqueidentifier	Primary Key.

Column(s) of "TBL_ACCESSOR_AEMPROFILE" Table		
Name	Datatype	Comment
ACCESSORID	uniqueidentifier	PRIMARY KEY. This value and field is cascaded into its respective child relationship of USER, TEAM or RESOURCE for its Primary Key. So, ACCESSORID is synonomous with USERID, TEAMID and RESOURCEID.
PROFILEID	uniqueidentifier	The GUID representing the AEM Profile.

Column(s) of "TBL_ACCESSOR_DELEGATE" Table		
Name	Datatype	Comment
CALENDARLEVEL	tinyint	The Access (permission) Level value of the Delegate. Value are cumulative in behavior in that Level 3 also includes Levels 1 and 2. Values are: 0 = No Access (support for possible future versions) 1 = Free/Busy 2 = View Details 3 = Edit
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_ACCESSOR_PREFERENCE" Table		
Name	Datatype	Comment

PREFERENCEID	uniqueidentifier	PRIMARY KEY.
OBJECTBINARYVALUE	varbinary(6000)	
OBJECTSTRINGVALUE	nvarchar(256)	

Column(s) of "TBL_ACCESSOR_SETTING" Table		
Name	Datatype	Comment
SETTINGID	uniqueidentifier	Primary Key.
SETTINGSTRINGVALUE	nvarchar(max)	Optional large-string field containing the value of the Setting. This record/value would override any value set in the parent TBL_SETTING table.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_ACTIVITY" Table		
Name	Datatype	Comment
ACTIVITYID	uniqueidentifier	Primary Key.
ACTIVITYTYPEID	smallint	FOREIGN KEY to TBL_ACTIVITYTYPE. Specifies the type of Activity such as Call, Meeting, ToDo or a custom type.
ACTIVITYSERIESAPPLIEDID	uniqueidentifier	A FOREIGN KEY to the ACTIVITYSERIESAPPLIED table. If NULL, the ACTIVITY record was not generated from an Activity Series.
REGARDING	nvarchar(256)	The subject of the Activity record.
STARTTIME	smalldatetime	The Date and Time the Activity is scheduled to start.
ENDTIME	smalldatetime	The Date and Time the Activity is scheduled to end.
ORIGINALTIME	smalldatetime	The DateTime value from the STARTTIME field when the Activity was first created. This is used to assist in Rollovers and reconciling cleared and other exceptions in <u>Recurring Activities, etc</u>
DURATION	int	A CALCULATED COLUMN. Formula: DATEDIFF(MINUTE, STARTTIME, ENDTIME)  This value is the number of minutes between the STARTTIME and ENDTIME.
ISTIMELESS	bit	Timeless status for the start time of the Activity. Values are: 0 = Not timeless 1 = Timeless
LOCATION	nvarchar(128)	A free-form Text field to note any location information for the Activity. Intended behavior is that any/all RESOURCE records that are selected for the Activity are pushed into this string field. This value can be overwritten.
ISPRIVATE	tinyint	Specifies if the Activity is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the following Users may view it: a. the Activity's Organizer b. any other attendee (User) participant  Reference the Security Spec for details.

DETAILS	nvarchar(max)	Details contains the full details/narrative associated with the Activity.
MASTERACTIVITYID	uniqueidentifier	Mandatory FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. The activityid of the original Activity when inserted. MasterActivityId can NEVER be NULL. The original Activity record is defined as the record for which the ActivityId and MasterActivityId are the same.
PARENTACTIVITYID	uniqueidentifier	Optional FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. The Activityid of the original Activity when inserted. ParentActivityId can be NULL.
RECURSOURCEACTIVITYID	uniqueidentifier	Optional FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. When an update is applied only to a single instance of a Recurring Activity, we create a deletion exception on that Activity for the date of the change, and create a new Activity for that date and time that reflects the single instance changes. The new Activity has its RecurSourceActivityId set to ActivityId of the Activity upon which it is based (the recurring Activity that was updated).
ISEVENT	bit	BOOLEAN. Identifies whether the Activity represents a global Calendar Event. On such an Event, the system Everyone Team is the Organizer and the only association in ACCESSOR_ACTIVITY. Valid values are: 0 = Not a Event 1 = Is an Event
SOURCENUM	tinyint	System Enumeration field. Indicates the origination source of the Activity record. Used in conjunction with EXTERNALID. Valid values: 0 = ACT! 1 = Outlook Appointment Sync 2 = Outlook Task Sync 3 = Outlook Appointment Imported 4 = Outlook Task Imported
EXTERNALID	varchar(1024)	Field for records imported from (or exported to) Outlook or other external sources/ systems.
RECURPERIOD	tinyint	A Mandatory enumeration field; Used to determine if the Activity record is Recurring, and if so, the unit for which the recurrence occurs. Valid values: 0 = Single Occurance (Not Recurring) 1 = Daily 2 = Weekly 3 = Monthly 4 = Yearly All NON-RECURRING Activity records will have a value of 0 (zero) for this field.
RECURFREQ	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain the value for how often for each Period the Activity is to recur. Valid values are integers of 1 or greater. For example, every 1 Week, every 6 Months...
RECURMODIFIER	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain the qualifier for the 'day value' which could be a: Numbered Day (integer value 1-31) Named Day (Sunday-Saturday) Typed Day (Day,Weekday,Weekend Day)  Valid values: 0 = Only 1 = First

		<p>2 = Second                  3 = Third                  4 = Fourth                  5 = Last</p>
RECURDAY	tinyint	<p>An Optional enumeration field to support Recurring Activities; if field RECURPERIOD &gt; 0, this field value will contain ONE OF THE THREE possible Day Values below:</p> <p>Numbered Day:                  integer value 1-31</p> <p>Named Day:                  1 = Sunday                  2 = Monday                  4 = Tuesday                  8 = Wednesday                  16 = Thursday                  32 = Friday                  64 = Saturday</p> <p>Typed Day:                  1 = Day                  2 = Weekday                  3 = Weekend Day</p> <p>0 = N/A</p>
RECURDAYTYPE	tinyint	<p>An Optional enumeration field to support Recurring Activities; if field RECURPERIOD &gt; 0, this field value will contain a modifier/qualifier value for RECURDAY. Valid values:                  0 = N/A                  1 = Numbered Day (1-31)                  2 = Named Day (Sunday-Saturday)                  3 = Typed Day (Day, Weekday, Weekend)</p>
RECURMONTH	tinyint	<p>An Optional enumeration field to support Recurring Activities; if field RECURPERIOD = 4 (YEARLY), this field value will contain the value for the month in which the annually-recurring Activity occurs. Value represents the month such as:                  0 = N/A                  1 = January                  12 = December</p>
REQUIRENDDATE	datetime	<p>Datetime field to identify the date through which the Activity, either Recurring or non-Recurring, is to occur (an inclusive value). A value of 01/31/2079 on a Recurring Activity record indicates a "no end date" item. Rules for this field:                  1. If non-recurring, REQUIRENDDATE is equal to ENDTIME.                  2. If recurring and ISREQUIRENDDATE is true, REQUIRENDDATE is set to max (smalldatetime).                  3. If recurring and not ISREQUIRENDDATE, REQUIRENDDATE is set to the user-specified date.</p>
ISREQUIRENDDATE	bit	<p>A BOOLEAN. For a Recurring Activity, identifies if the value in REQUIRENDDATE represents a 'No Ending Date' value (never-ending). Values:                  0 = Recurrence is not Endless                  1 = Recurrence is Endless</p>
ISDELETED	bit	<p>BOOLEAN. System field primarily for Sync. Indicates if the future occurrences of the Activity have been deleted. Used so that each of the individual OCCUR records do not have to be deleted individually - rather, can be performed in batch. Valid values:                  0 - Future Occurrences Not Deleted                  1 - Future Occurrences Deleted</p>

DELETED_DATES	nvarchar(max)	A denormalized, System field. A string containing zero-one-or-more dates for which the Activity has been deleted (in the case of Recurring).
TZ_BIAS	smallint	The number of minutes of the UTC offset (i. e. AZ is UTC +7 hours, or 420 minutes) for the Activity when it was created or last edited...where the edit affected the scheduled time.
TZ_DAYLIGHT_BIAS	smallint	Timezone information field.
TZ_STANDARD_BIAS	smallint	Timezone information field.
TZ_DAYLIGHT_MONTH	tinyint	Timezone information field.
TZ_DAYLIGHT_DOW	tinyint	Timezone information field.
TZ_DAYLIGHT_DAY	tinyint	Timezone information field.
TZ_DAYLIGHT_HOUR	tinyint	Timezone information field.
TZ_DAYLIGHT_MINUTE	tinyint	Timezone information field.
TZ_STANDARD_MONTH	tinyint	Timezone information field.
TZ_STANDARD_DOW	tinyint	Timezone information field.
TZ_STANDARD_DAY	tinyint	Timezone information field.
TZ_STANDARD_HOUR	tinyint	Timezone information field.
TZ_STANDARD_MINUTE	tinyint	Timezone information field.
CREATEDATE	datetime	Date and Time the record was created.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record
ISINVITATIONSENT	bit	Indicates whether the user chose to send an invitation for an activity.
WF_CONTEXTID	uniqueidentifier	For workflow tracking
WF_INSTANCEID	uniqueidentifier	For Workflow tracking

Column(s) of "TBL_ACTIVITYPRIORITY" Table		
Name	Datatype	Comment
ACTIVITYPRIORITYGUID	uniqueidentifier	Primary Key.
ACTIVITYPRIORITYID	tinyint	Alternate Key. This field/value is foreign keyed in the referencing table instead of the primary key.
NAME	nvarchar(64)	The identifying name of the Priority, such as 'High', 'Medium', etc.
DESCRIPTION	nvarchar(64)	
ISACTIVE	bit	
ORDINAL	tinyint	SORT ORDINAL. Value determines the fixed sort order of the Activity Priority records. The default Priority order is: 0 = High 1 = Medium-High 2 = Medium 3 = Medium-Low 4 = Low
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record

Column(s) of "TBL_ACTIVITYSERIES" Table		
Name	Datatype	Comment
ACTIVITYSERIESID	uniqueidentifier	Primary Key.
NAME	nvarchar(64)	A UNIQUE CONSTRAINT. The simple name reference for the record.

DESCRIPTION	nvarchar(256)	Optional narrative description of the record.
ISPRIVATE	bit	BOOLEAN. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it. Only the Record Manager can change this value.
MANAGEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the Record Manager, or Owner, of the record.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record

Column(s) of "TBL_ACTIVITYSERIESAPPLIED" Table		
Name	Datatype	Comment
ACTIVITYSERIESAPPLIEDID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(64)	The simple name reference for the record.
ACTIVITYSERIESID	uniqueidentifier	Primary Key.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_ACTIVITYSERIESITEM" Table		
Name	Datatype	Comment
ACTIVITYSERIESITEMID	uniqueidentifier	PRIMARY KEY.
ACTIVITYSERIESID	uniqueidentifier	Primary Key.
ACTIVITYTYPEID	smallint	
ACTIVITYPRIORITYID	tinyint	Alternate Key. This field/value is foreign keyed in the referencing table instead of the primary key.
DURATION	int	The number of minutes the Activity is to last.
ANCHOROFFSET	smallint	Number of days, either positive or negative, to offset the Start or End date when applying the Activity Series.
ANCHOROFFSETPERIOD	tinyint	Value to represent days, week, months, years (0, 1, 2, 3) so the ANCHOROFFSET can be offset by something other than days. Valid values are: 0 = Days 1 = Weeks 2 = Months 3 = Years
REGARDING	nvarchar(256)	Becomes the REGARDING of the resulting Activity.
ISALARMED	bit	BOOLEAN.
LEADMINUTES	int	
ISTIMELESS	bit	BOOLEAN.
ISNOWEEKENDS	bit	BOOLEAN. Supports the 'If Activity falls on a weekend, schedule on the following Monday' checkbox.
BANNERCOLOR	int	Integer representation for color
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.

CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record

Column(s) of "TBL_ACTIVITYTYPE" Table		
Name	Datatype	Comment
ACTIVITYTYPEGUID	uniqueidentifier	Primary Key.
ACTIVITYTYPEID	smallint	
NAME	nvarchar(64)	The ALTERNATE KEY. Unique value which contains the actual string name for the Activity Type, i.e. Call, Meeting, To-Do.
DESCRIPTION	nvarchar(128)	An Optional string to describe the purpose, meaning or intent of the Activity Type.
ISACTIVE	bit	
ISCUSTOM	bit	BOOLEAN field. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User
REGARDING_PICKLISTID	uniqueidentifier	FOREIGN KEY to PICKLIST. A mandatory relationship to a System Picklist for the REGARDING values for the Activity Type.
TYPEIMAGE	varbinary(max)	IMAGE/BLOB content. Contains the binary image of the Icon for the Activity Type.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_ADDRESS" Table		
Name	Datatype	Comment
ADDRESSID	uniqueidentifier	Primary Key.
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to TBL_PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a recordtype enumerator. An example may be Home or Billing.
CONTACTID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record (TBL_CONTACT).
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
OPPORTUNITYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.
LINE1	nvarchar(256)	Address Line 1
LINE2	nvarchar(256)	Address Line 2
LINE3	nvarchar(256)	Address Line 3
CITY	nvarchar(256)	The City value
STATE	nvarchar(256)	The State/County/Province value.
POSTALCODE	nvarchar(256)	Zip code (United States) of the address, otherwise an international Postal Code.
COUNTRYNAME	nvarchar(256)	The string value of the Country in table TBL_COUNTRY. Denormalized attribute.

Column(s) of "TBL_AL_ACTIVITY" Table		
Name	Datatype	Comment
AL_ACTIVITYID	uniqueidentifier	
LINKDRIVERCLSID	uniqueidentifier	
ISSELECTED	bit	
QUERYVALUE	nvarchar(128)	
DRIVERACTIVITYTYPE	int	
ACTIVITYTYPEID	smallint	
REGARDING	nvarchar(256)	
ACTIVITYPRIORITYID	tinyint	
ISALARMED	bit	
ALARMLEADMINUTES	int	
LAGDAYS	int	
ORGANIZEUSERID	uniqueidentifier	
BANNERCOLOR	int	

Column(s) of "TBL_AL_ACTIVITY_EXTERNALID" Table		
Name	Datatype	Comment
ACTIVITYID	uniqueidentifier	Implied (non-declarative) foreign key; This is the ACTIVITYID of the corresponding record in TBL_ACTIVITY. A Foreign Key is not here as we want to retain these records when it's TBL_ACTIVITY record is deleted.
EXTERNALID	varchar(256)	The record ID from the source Accounting system.
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_AL_DATAMAPPING" Table		
Name	Datatype	Comment
DATAMAPPINGID	uniqueidentifier	
LINKDRIVERCLSID	uniqueidentifier	
BACKOFFICETYPENUM	tinyint	
BACKOFFICEFIELD	nvarchar(128)	
FRONTOFFICETYPENUM	tinyint	
FRONTOFFICEFIELD	nvarchar(128)	
ISSYNCENABLED	bit	

Column(s) of "TBL_AL_DRIVERCONFIG" Table		
Name	Datatype	Comment
LINKDRIVERCLSID	uniqueidentifier	
APPNAME	nvarchar(512)	
CONNECTSTRING	nvarchar(512)	
ISCURRENTDRIVER	bit	

Column(s) of "TBL_AL_LINK" Table		
Name	Datatype	Comment
LINKID	uniqueidentifier	
LINKDRIVERCLSID	uniqueidentifier	
BACKOFFICETYPENUM	tinyint	Internal Enumeration, dependant upon the type/product of the Link.
BACKOFFICEID	nvarchar(64)	
CONTACTID	uniqueidentifier	Primary Key.
ISPRIMARYLINK	bit	
BACKOFFICEHASH	nvarchar(64)	
FRONTOFFICEHASH	nvarchar(64)	

Column(s) of "TBL_AL_SCHEDULEDFOR" Table		
Name	Datatype	Comment
AL_ACTIVITYID	uniqueidentifier	

Column(s) of "TBL_AL_SYNCDATA" Table		
Name	Datatype	Comment
DATAMAPPINGID	uniqueidentifier	
LINKID	uniqueidentifier	
BACKOFFICEVALUE	nvarchar(512)	

FRONTOFFICEVALUE	nvarchar(512)	
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Column(s) of "TBL_AL_USERSETTING" Table		
Name	Datatype	Comment
USERSETTINGID	uniqueidentifier	
LINKDRIVERCLSID	uniqueidentifier	
SETTING	nvarchar(128)	
SETTINGVALUE	nvarchar(512)	

Column(s) of "TBL_ALARMSNOOZE" Table		
Name	Datatype	Comment
ALARMSNOOZEID	uniqueidentifier	PRIMARY KEY.
ACCESSOR_ACTIVITYID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR_ACTIVITY.
ACTIVITYDATE	varchar(8)	The date string value for the instance of the Activity. The format is MMDDYYYY similar to the CLEARED_DATES and similar fields in other Activity tables.
ALARMSNOOZETIME	smalldatetime	The datetime value, stored in UTC, to produce the Alarm for the specified Activity occurrence for the User. For example, an Alarm pops at 1:00pm - User elects to snooze for 15 minutes. This field would be set to 1:15pm (UTC).

Column(s) of "TBL_ANALYTICS_VIEW_DEFINITION" Table		
Name	Datatype	Comment
ACCESSORID	uniqueidentifier	
DEFINITION	nvarchar(max)	

Column(s) of "TBL_ATTACHMENT" Table		
Name	Datatype	Comment
ATTACHMENTID	uniqueidentifier	Primary Key.
WORKFLOWDEFID	uniqueidentifier	PRIMARY KEY.
FILENAME	nvarchar(255)	The name of the physical file on disk.
DISPLAYNAME	nvarchar(255)	The logical, original name of the file.
NOTEID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_NOTE when the attached file is for a Note.
ACTIVITYID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_ACTIVITY when the attached file is for an Activity.
HISTORYID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_HISTORY when the attached file is for a History.
MACHINENAME	nvarchar(255)	
FILEPATH	nvarchar(2048)	

Column(s) of "TBL_COMPANY" Table		
Name	Datatype	Comment
COMPANYID	uniqueidentifier	PRIMARY KEY. Optional Foreign Key in the Contact table (TBL_CONTACT) when a Contact is Linked.
NAME	nvarchar(128)	Core field, mandatory, UNIQUE. The name of the Company.
DESCRIPTION	nvarchar(128)	Optional narrative description text for the Company record.
CATEGORY	nvarchar(256)	Category assigned to the Account. This is known as the ID/Status field.
REFERREDBY	nvarchar(64)	The Referral Source of the record.
TICKERSYMBOL	nvarchar(12)	Optional Stock Ticker Symbol.
NUMEMPLOYEES	int	Optional Number of employees in the Company.
INDUSTRY	nvarchar(64)	Optional Name/title of the type of Industry for the Company.
SICCODE	nvarchar(8)	The SIC (Standard Industrial Classification) code of the Company.
REVENUE	decimal(18,2)	Annual Revenue value for the Company.
TERRITORY	nvarchar(64)	A geographical assignment for the Company.
REGION	nvarchar(64)	A geographical assignment for the Company.
DIVISION	nvarchar(64)	If the Company record is a sub-unit of some other Company record, whether it resides in the database or not.
WEBADDRESS	nvarchar(128)	Core Field. Web address (URL) for the Company. Note that this is a default Company-Contact Linked field.
HIERLEVEL	int	A system field used to identify hierarchical information for the Company.
HIERPATH	varchar(556)	A system field used to identify hierarchical information for the Company.
HASSUBCOMPANY	bit	Boolean system field. Indicates whether the Company record has other Company records below it in the hierarchical structure.
CONTACTQUERYTEXT	nvarchar(max)	A system field containing the pre-constructed SQL query to identify and retrieve member Contacts as defined by dynamic criteria.
OPPQUERYTEXT	nvarchar(max)	A system field containing the pre-constructed SQL query to identify and retrieve associated Opportunities as defined by dynamic criteria.
QUERYVERSIONID	uniqueidentifier	System field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXXQUERY records which comprise the QUERYTEXT field in this table.
PARENTCOMPANYID	uniqueidentifier	Optional self-referencing foreign key. Will be populated if the Company is a sub-Company (division) of another Company record in the table.
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.

CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/Task.

Column(s) of "TBL_COMPANY_ACL" Table		
Name	Datatype	Comment
COMPANYID	uniqueidentifier	PRIMARY KEY. Optional Foreign Key in the Contact table (TBL_CONTACT) when a Contact is Linked.
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd.

Column(s) of "TBL_COMPANY_ACTIVITY" Table		
Name	Datatype	Comment
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record.

Column(s) of "TBL_COMPANY_CONTACT" Table		
Name	Datatype	Comment
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
ROWSOURCE	char(1)	System field used to determine the source/origin of the record. Used by Sync.

Column(s) of "TBL_COMPANY_HISTORY" Table		
Name	Datatype	Comment
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record.

Column(s) of "TBL_COMPANY_NOTE" Table		
Name	Datatype	Comment
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record.

Column(s) of "TBL_COMPANY OPPORTUNITY" Table		
Name	Datatype	Comment
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company

		record.
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.
ISMEMBER	bit	BOOLEAN. Determines if the Opportunity is associated with the COMPANY as a Member or just associated on the fly. Values: 0 = Not a Company Member 1 = Is a Company Member A Contact for which an Opportunity is a Member also appears in the Contact members list (on the fly).

**Column(s) of "TBL\_COMPANYCONTACT\_MAP" Table**

Name	Datatype	Comment
COMPANY_COLUMNID	uniqueidentifier	FOREIGN KEY to TBL_SYSCOLUMN.COLUMNID; Identifies the column of the Company table to which a Contact column is linked/mapped.
CONTACT_COLUMNID	uniqueidentifier	FOREIGN KEY to TBL_SYSCOLUMN.COLUMNID; Identifies the column of the Contact table to which a Company column is linked/mapped.
ISCUSTOM	bit	BOOLEAN. Identifies if the record has been custom added by the User. Valid values: 0 - Not a custom record 1 - A custom record
ISACTIVE	bit	BOOLEAN. Identifies whether the record is to be used in processing or not. Valid values: 0 - Not Active 1 - Active
ISMANDATORY	bit	BOOLEAN. Determines if the column map record is to be always updated or only if specifically requested. Valid values: 0 = Conditionally update the linked columns 1 = Unconditionally update the linked columns Mandatory linked fields (1) are enforced thru the Framework (and potentially the database).
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	
EDITDATE	datetime	Date and Time the record was last edited.

**Column(s) of "TBL\_COMPANYQUERY" Table**

Name	Datatype	Comment
COMPANYQUERYID	uniqueidentifier	Primary Key.
COMPANYID	uniqueidentifier	PRIMARY KEY. Optional Foreign Key in the CONTACT table.
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.
ORDINAL	smallint	The line number (sequence) of where this record falls within the overall query; important for purposes of nesting (ANDs and ORs).
LEFTPAREN	tinyint	
RIGHTPAREN	tinyint	
LOGICALOPERATOR	tinyint	
COLUMNID	uniqueidentifier	Foreign Key.
OPERATORID	tinyint	Foreign Key.

VALUEID1	tinyint	
VALUEID2	tinyint	
VALUESTRING1	nvarchar(500)	
VALUESTRING2	nvarchar(500)	

Column(s) of "TBL_CONTACT" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	Primary Key.
TYPENUM	tinyint	An ENUMERATION. An internal-use field for identifying the record type. Valid values are: 0 = Contact 1 = User My Record 2 = Secondary
ISUSER	bit	COMPUTED COLUMN - based upon TYPENUM enumeration value.
LASTNAME	nvarchar(128)	Last name.
FIRSTNAME	nvarchar(64)	First name.
MIDDLENAME	nvarchar(64)	Middle name (or initial).
NAMEPREFIX	nvarchar(32)	Contains the string value of the Contact name prefix (i.e. Mr., Dr.)
NAMESUFFIX	nvarchar(32)	Contains the string value of the Contact name suffix (i.e. Sr., III)
SALUTATION	nvarchar(32)	The Contact letter greeting name (i.e. John, Mr. Smith)
FULLNAME	nvarchar(128)	A read-only, denormalized field composed by the name parsing feature of the ACT! Framework. Value is derived from the individual name component field (FIRSTNAME LASTNAME etc.)
CATEGORY	nvarchar(256)	Category assigned to the Contact. This is the ID/Status field.
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.
ISIMPORTED	bit	Boolean. Values are: 1 = Private 0 = Public Identifies if the record originated via the Import feature of the application
JOBTITLE	nvarchar(128)	Contact's Job Title.
DEPARTMENT	nvarchar(128)	Contact's Department.
COMPANYID	uniqueidentifier	Foreign Key. Optional Foreign Key which identifies the 'Linked' Company record (in TBL_COMPANY). This field will only be populated when the Contact is Linked to the Company.
COMPANYNAME	nvarchar(128)	Contact's Company name. This field will be populated with the NAME value of the TBL_COMPANY record if the COMPANYID field is populated (this denotes a Linked Contact/Company)
CONTACTWEBADDRESS	nvarchar(128)	Web address (URL) for the Contact. Note that this is a default 'Linked' Company-Contact mapped field for updating values to Linked Contacts.
LASTMEETDATE	datetime	Date of the last Meeting Held with the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.
LASTREACHDATE	datetime	Date of the last Call Completed to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.

LASTATTEMPTDATE	datetime	Date of the last Call Attempted to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.
LASTLETTERDATE	datetime	The date of the Last Letter Sent to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.
LASTRESULTS	nvarchar(128)	Description of the Last Results with the Contact.
LASTEMAILDATE	datetime	Date of the last E-mail sent to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.
REFERREDBY	nvarchar(64)	Description of the Contact's Referral Source.
SPOUSENAME	nvarchar(64)	Full Name of the Contact's spouse. Note that there is no name parsing for this field.
BIRTHDATE	datetime	ANNUAL EVENT datatype. Birthday of the Contact.
INSTANTMSGID	nvarchar(16)	Instant Messaging Id/name for the Contact.
USER1	nvarchar(64)	A User-definable field
USER2	nvarchar(64)	A User-definable field
USER3	nvarchar(64)	A User-definable field
USER4	nvarchar(64)	A User-definable field
USER5	nvarchar(64)	A User-definable field
USER6	nvarchar(64)	A User-definable field
USER7	nvarchar(75)	A User-definable field
USER8	nvarchar(75)	A User-definable field
USER9	nvarchar(75)	A User-definable field
USER10	nvarchar(64)	A User-definable field
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/Task.
AEM_OPTOUT	bit	Boolean system field. Indicates whether the Contact has opted out of emarketing.
AEM_BOUNCEBACK	bit	Boolean system field. Indicates whether the Contact email has bounced back.
ISFAVORITE	bit	Boolean system field. Indicates whether the Contact was marked as favorite.
LATITUDE	decimal(9,6)	
LONGITUDE	decimal(9,6)	

Column(s) of "TBL_CONTACT_ACL" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	Primary Key, Foreign Key. Relates to the PRIMARY KEY for the Contact record.
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd.

Column(s) of "TBL_CONTACT_ACTIVITY" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.

ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record.
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Column(s) of "TBL_CONTACT_CONTACT" Table		
Name	Datatype	Comment
CONTACTID1	uniqueidentifier	Primary Key.
CONTACTID2	uniqueidentifier	Primary Key.
CONTACT1ROLE	nvarchar(128)	Optional; The Role/Relationship of CONTACTID1 to CONTACTID2.
CONTACT2ROLE	nvarchar(128)	Optional; The Role/Relationship of CONTACTID2 to CONTACTID1.
DETAILS	nvarchar(max)	Optional comments for the Relationship.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Datetime the record was created.
EDITUSERID	uniqueidentifier	
EDITDATE	datetime	Datetime the record was last edited.

Column(s) of "TBL_CONTACT_HISTORY" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record.

Column(s) of "TBL_CONTACT_NOTE" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record.

Column(s) of "TBL_CONTACT_OPPORTUNITY" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	Primary Key.
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.

Column(s) of "TBL_CONTACT_SOCIALMEDIA" Table		
Name	Datatype	Comment
CONTACTSOCIALMEDIAID	uniqueidentifier	
SOCIALMEDIAID	uniqueidentifier	
CONNECTIONID	nvarchar(200)	
CONTACTID	uniqueidentifier	Primary Key.
USERACCOUNTID	nvarchar(200)	

Column(s) of "TBL_CONTACT_SOURCE" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	Primary Key.
SOURCE	smallint	

Column(s) of "TBL_COUNTRY" Table		
Name	Datatype	Comment
COUNTRYID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(128)	The name of the Country record.

Column(s) of "TBL_EMAIL" Table		
Name	Datatype	Comment
EMAILID	uniqueidentifier	Primary Key.
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a recordtype enumerator. An example may be Work or Personal
CONTACTID	uniqueidentifier	Foreign Key. Relates to the PRIMARY KEY for the Contact record.
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.
ADDRESS	nvarchar(256)	The full string value of the Email address value, i.e. jsmith@aol.com

Column(s) of "TBL_EVENTLOGTYPE" Table		
Name	Datatype	Comment
EVENTLOGTYPEID	tinyint	PRIMARY KEY.
SECTION	nvarchar(64)	A logical categorization of the Event.
NAME	nvarchar(64)	The name of the Event.
DESCRIPTION	nvarchar(128)	An optional descriptive text of the Event.

Column(s) of "TBL_EXECUTE" Table		
Name	Datatype	Comment
EXECUTEID	uniqueidentifier	
STATEMENT	nvarchar(max)	
RUNCOUNT	int	

Column(s) of "TBL_EXTERNALMAP_SOURCE" Table		
Name	Datatype	Comment
SOURCEID	uniqueidentifier	Primary Key.
NAME	nvarchar(128)	
ISCUSTOM	bit	
CREATEDATE	datetime	Date and Time the record was last edited.
CREATEUSERID	uniqueidentifier	

Column(s) of "TBL_FEATURESET" Table		
Name	Datatype	Comment
FEATURESETID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(64)	
DISPLAYNAME	nvarchar(96)	Localizable name of the Featureset which is displayed to the user in the application and reports, etc.
DESCRIPTION	nvarchar(128)	
ISCUSTOM	bit	Boolean. Determines if the Featureset is user-added (custom) vs. stock set of records included in the ACT! database.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_FOLDER" Table		
Name	Datatype	Comment
FOLDERID	tinyint	PRIMARY KEY.
PATH	nvarchar(256)	The foldername for the Datastore object type.
ISPRIVILEGED	bit	BOOLEAN. Determines handling of the folder type by the Framework.
EXTENSIONS	nvarchar(1024)	An optional list of known and supported file extensions.

TABLENAME	nvarchar(32)	Optional field - the table containing the files referenced in the folder.
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**Column(s) of "TBL\_GROUP" Table**

Name	Datatype	Comment
GROUPID	uniqueidentifier	Primary Key.
NAME	nvarchar(128)	Required UNIQUE. A distinguishing name to identify the record.
DESCRIPTION	nvarchar(128)	An optional narrative description text for the record.
HIERLEVEL	int	Top-level GROUP, one with no parent GROUP, will have a value of zero (0). otherwise, the value will be it's parent's HIERLEVEL value plus one (+1).
HIERPATH	varchar(556)	The path value always begins with the period '.' character followed by a shortened value of the GROUPID followed by another period '.' character. if the record has a PARENTGROUPID, the hierpath will begin with that parent's hierpath then appended with the current (sub) group's HEIRPATH.
HASSUBGROUP	bit	BOOLEAN datatype. True(1) if the Group has one or more Group record beneath it, i.e. sub-Groups.
CONTACTQUERYTEXT	nvarchar(max)	For the CONTACT List. For a Dynamic (or Hybrid) Group type, this is the actual SQL syntax to pass into the WHERE clause for query execution. This is a shadowed and de-normalized attribute made up of records (if any) from the GROUPQUERY table.
OPPQUERYTEXT	nvarchar(max)	For OPPORTUNITY List. For a Dynamic (or Hybrid) Group type, this is the actual SQL syntax to pass into the WHERE clause for query execution. This is a shadowed and de-normalized attribute made up of records (if any) from the GROUPQUERY table.
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.
PARENTGROUPID	uniqueidentifier	Self-referencing Foreign Key. Optional field containing a value for any GROUP record which is a child or sub-Group to another GROUP record.
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record
IMPORTDATE	datetime	

**Column(s) of "TBL\_GROUP\_ACL" Table**

Name	Datatype	Comment
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GROUPID	uniqueidentifier	Primary Key.
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd.

Column(s) of "TBL_GROUP_ACTIVITY" Table		
Name	Datatype	Comment
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record.

Column(s) of "TBL_GROUP_CONTACT" Table		
Name	Datatype	Comment
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.

Column(s) of "TBL_GROUP_HISTORY" Table		
Name	Datatype	Comment
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record.

Column(s) of "TBL_GROUP_NOTE" Table		
Name	Datatype	Comment
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record.

Column(s) of "TBL_GROUP_OPPORTUNITY" Table		
Name	Datatype	Comment
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.
ISMEMBER	bit	BOOLEAN. Determines if the Opportunity is associated with the GROUP as a Member or just associated on the fly. Values: 0 = Not a Group Member 1 = Is a Group Member A Contact for which an Opportunity is a Member also appears in the Contact members list (on the fly).

Column(s) of "TBL_GROUPQUERY" Table		
Name	Datatype	Comment
GROUPQUERYID	uniqueidentifier	PRIMARY KEY.
GROUPEID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.
ORDINAL	smallint	
LEFTPAREN	tinyint	ENUMERATOR. Represents the optional LEFT parenthesis to group/nest lines of a query together. Values: 0 = No Parentheses 1 = One Paren 2 = Two Parentheses 3 = ...and so on Use of a true-valued enumerator enhances logic, readability and allows us to sum both the LEFT and RIGHT PAREN fields to ensure they equal (are in balance).
RIGHTPAREN	tinyint	ENUMERATOR. Represents the optional RIGHT parenthesis to group/nest lines of a query together. Values: 0 = No Parentheses 1 = One Paren 2 = Two Parentheses 3 = ...and so on Use of a true-valued enumerator enhances logic, readability and allows us to sum both the LEFT and RIGHT PAREN fields to ensure they equal (are in balance).
LOGICALOPERATOR	tinyint	ENUMERATOR. Represents the end of line statement for each line of the query. Values: 0 = END 1 = AND 2 = OR
COLUMNID	uniqueidentifier	PRIMARY KEY.
OPERATORID	tinyint	PRIMARY KEY.
VALUEID1	tinyint	PRIMARY KEY.
VALUEID2	tinyint	PRIMARY KEY.
VALUESTRING1	nvarchar(500)	Optional string value of a literal supplied by the user to satisfy a WHERE condition.
VALUESTRING2	nvarchar(500)	Optional string value of a literal supplied by the user to satisfy a WHERE condition.

Column(s) of "TBL_HISTORY" Table		
Name	Datatype	Comment
HISTORYID	uniqueidentifier	PRIMARY KEY.
HISTORYTYPEID	smallint	Foreign Key to TBL_HISTORYTYPE. Identifies the User-specified type of History record (also referred to as the Result Type) such as Call Completed, etc.
ISPRIVATE	tinyint	TINYINT. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it.
STARTTIME	smalldatetime	Date and Time the displayed to the User. This value represents the date and time when the History record occurred. By default, it is system-generated but can be edited by the User if the Edit History feature is enabled in Define Fields.  When the History is a result of a Cleared Activity, that Activity's STARTTIME is put in this value.  This field is used in the DURATION field calculation.

ENDTIME	smalldatetime	If applicable, event Ending Date and Time displayed to the User. When the History is a result of a Cleared Activity, that Activity's ENDTIME is put in this value.  This field is used in the DURATION field calculation.
DURATION	int	CALCULATED COLUMN. Formula: DATEDIFF(MINUTE, STARTTIME, ENDTIME)  This value is the number of minutes between the STARTTIME and ENDTIME.
REGARDING	nvarchar(256)	The subject description of the History record. If created from a Cleared Activity, it is the Regarding of that Activity.
DETAILS	nvarchar(max)	A full, RTF-formatted, textual description of the history event.
ACCESSOR_ACTIVITY_CLEAREDID	uniqueidentifier	Optional Foreign Key to TBL_ACCESSOR_ACTIVITY_CLEARED. Populated when the record is the direct result of clearing an Activity.
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_HISTORYTYPE" Table		
Name	Datatype	Comment
HISTORYTYPEGUID	uniqueidentifier	Primary Key.
HISTORYTYPEID	smallint	Alternate Key. This field is referenced by the foreign key in TBL_HISTORY.
ACTIVITYTYPEID	smallint	
NAME	nvarchar(64)	A Mandatory value for a general name/reference of the History Type.
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.
ISACTIVE	bit	Boolean. Identifies whether the History Type (aka Result Type) can be used when creating new History records.
ISCUSTOM	bit	Boolean. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User
ISUSERRECORDABLE	bit	BOOLEAN. Identifies which History Type records are directly recordable by the User in the History grid list. Values are: 0 = not directly recordable 1 = directly recordable  Records which are not directly recordable by the User are generally System History events (such as Sync Sent, Contact deleted, etc.).
ISDEFAULT	bit	BOOLEAN. Identifies if the History Type is the default type for clearing a given Activity. Valid values are: 0 = Not the default 1 = Is the default
CLEARTYPENUM	tinyint	Internal-use enumeration. Identifies one of three possible types of History for Clearing purposes: 0 = Other 1 = Completed 2 = Not Completed 3 = Erase  The application framework will enforce the business rule that for each Activity Type, there must be one (only one) Default and

		Erase History types. The purpose of this attribute/value is to define with absolute knowledge of a close' type for any Activity via the SDK.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.
HISTORYTYPEGROUPID	smallint	

Column(s) of "TBL_HISTORYTYPE_GROUP" Table		
Name	Datatype	Comment
HISTORYTYPEGROUPGUID	uniqueidentifier	
HISTORYTYPEGROUPID	smallint	
NAME	nvarchar(64)	
HISTORYTYPESUPERGROUPID	smallint	

Column(s) of "TBL_HISTORYTYPE_SUPERGROUP" Table		
Name	Datatype	Comment
HISTORYTYPESUPERGROUPGUID	uniqueidentifier	
HISTORYTYPESUPERGROUPID	smallint	
NAME	nvarchar(64)	

Column(s) of "TBL_IMPORT_HISTORY" Table		
Name	Datatype	Comment
IMPORT_HISTORYID	uniqueidentifier	PRIMARY KEY.
ACTIONTYPENUM	tinyint	Enumeration. Valid values include: 0 = Converted 1 = Imported
SOURCEID	uniqueidentifier	Foreign Key to TBL_EXTERNALMAP_SOURCE. Identifies the system source of the records imported.
NAME	nvarchar(512)	The name of the file, database or other which is imported or converted. An example would be MyContacts.dbf
SOURCE_DATABASEID	nvarchar(64)	Optional. Applicable for an ACT! database either Mercury or pre-Mercury. It is the DATABASEID from a pre-Mercury database (a string) or a Mercury database (a GUID).
DETAILS	nvarchar(max)	Informational details for the Import or Conversion. To include Merge options chosen, Record Types, etc.
CREATEUSERID	uniqueidentifier	Foreign Key to TBL_ACCESSOR. Denotes the user who performed the import or conversion.
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_IMPORT_HISTORYITEM" Table		
Name	Datatype	Comment
ACT_RECORDID	uniqueidentifier	Primary Key. Generic GUID ID column to identify the record in the base Entity table (i. e. TBL_CONTACT). Used in conjunction with ENTITYID to determine the ACT! Entity type
ENTITYID	uniqueidentifier	PRIMARY KEY.
CLUSTERID	int	System Field. Used for clustered index only.
IMPORT_HISTORYID	uniqueidentifier	PRIMARY KEY.
EXTERNALID	varchar(512)	Optional. The Id of the Entity record from the source database or file.
DETAILS	nvarchar(1024)	Optional. Contains any information of relevance or note for the record during the Conversion or Import process.

Column(s) of "TBL_LOGONHISTORY" Table		
Name	Datatype	Comment
LOGONHISTORYID	uniqueidentifier	PRIMARY KEY.
STATUSNUM	tinyint	Identifies the success status of the Logon attempt: Valid values: 0 = unsuccessful 1 = successful
LOGONDATE	datetime	Date and Time of the Logon Event.
LOGOFFDATE	datetime	Optional. Date and Time of the Logoff Event.
DATABASESERVER	nvarchar(64)	Identifies the server/machine hosting the database which the User logon action occurred; this column has relevance in a multi-database Sync environment.
DATABASENAME	nvarchar(64)	Identifies the database which the User logon action occurred; this column has relevance in a multi-database Sync environment.
CLIENT_MACHINE	nvarchar(64)	Name of the machine running the ACT! application from which the User performed the logon.
CLIENT_IPADDRESS	nvarchar(64)	Optional. The TCP/IP address of the machine running the ACT! application from which the User performed the logon.
CLIENT_USERNAME	nvarchar(64)	The name of the Windows user from which the User performed the logon.
APPLICATIONNAME	nvarchar(64)	The name of the product or application used to perform the logon (i.e. ACT!).
APPLICATIONVERSION	nvarchar(64)	The application version used during the logon.

Column(s) of "TBL_NOTE" Table		
Name	Datatype	Comment
NOTEID	uniqueidentifier	PRIMARY KEY.
NOTETYPEID	smallint	Foreign Key to TBL_NOTETYPE. Identifies the type of Note. *This is currently not an exposed/extensible feature of the application.
ISPRIVATE	tinyint	Boolean. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it. Only the Record Manager can change this value.
NOTETEXT	nvarchar(max)	Optional large text field (i.e. memo) to contain the actual body of the Note. A RTF-formatted field value.
DISPLAYDATE	smalldatetime	User Editable; Date and Time displayed for the record. Note: the ability for the User to edit/alter this datetime value *may* be dependent upon a Preference Allow History Editing in the application.
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_NOTETYPE" Table		
Name	Datatype	Comment
NOTETYPEGUID	uniqueidentifier	Primary Key.
NOTETYPEID	smallint	
NAME	nvarchar(64)	
DESCRIPTION	nvarchar(128)	
ISACTIVE	bit	
ISCUSTOM	bit	BOOLEAN. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_OPPORTUNITY" Table		
Name	Datatype	Comment
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(64)	An optional field value to identify the Opportunity.
STATUSNUM	tinyint	ENUMERATOR. Identifies the current status or state of the Opportunity. Valid values are: 0 = Open 1 = Closed - Won 2 = Closed - Lost 3 = Inactive
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.
OPENDATE	datetime	User-editable Date and Time the Opportunity was Opened.
ESTIMATEDCLOSEDATE	datetime	Required Datetime that the Opportunity is expected or estimated to close.
ACTUALCLOSEDATE	datetime	Date and Time the Opportunity was closed whatever the Status (Won, Lost, etc.).
DAYSOPEN	int	CALCULATED FIELD. Derives the number of days open based upon the OPENDATE and today if Active, otherwise the days between the OPENDATE and ACTUALCLOSEDATE.
COMPETITOR	nvarchar(128)	String value for any Competitor to the Opportunity.
STAGEID	uniqueidentifier	FOREIGN KEY. References the PRIMARY KEY for the TBL_STAGE record.
SOURCE	nvarchar(64)	PICKLIST VALUE. Name or description of the Lead Source, such as magazine or web inquiry, that generated the Opportunity.
CLOSEREASON	nvarchar(128)	PICKLIST VALUE. Identifies the reason for the Opportunity close status.
TOTALEXTENDEDAMT	decimal(18,2)	System Aggregate field. This field represents the total (SUM) of the EXTENDEDAMT field for all associated TBL_PRODUCTSERVICE records.

PROBABILITYPCT	tinyint	A required percentage value of the probability of the Opportunity closing as Won. Stored as-is, i.e. 100% is stored as 100.00...
WEIGHTEDAMT	decimal(18,2)	CALCULATED FIELD. This field represents the TOTALEXTENDEAMT field on the record * the PROBABILITYPCT field on this record. For example: TOTALEXTENDEAMT = 100.00 PROBABILITYPCT = 25.00 (25%) WEIGHTEDAMT = 25.00  This field is not editable/overridable by the User, it's a calculated field.
GROSSMARGINAMT	decimal(18,2)	Represents a value calculated by the Framework code, the difference between the Discounted Price of the Product(s) and their cost. Formula is based upon corresponding records in TBL_OPPORTUNITY_PRODUCT:  ((DISCOUNTPRICE * QUANTITY) - (UNITCOST * QUANTITY))
USER1	nvarchar(64)	A User-definable field.
USER2	nvarchar(64)	A User-definable field.
USER3	nvarchar(64)	A User-definable field.
USER4	nvarchar(64)	A User-definable field.
USER5	nvarchar(64)	A User-definable field.
USER6	nvarchar(64)	A User-definable field.
USER7	nvarchar(64)	A User-definable field.
USER8	nvarchar(64)	A User-definable field.
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/Task.
STATUS	nvarchar(20)	
STAGESTARTDATE	char(18)	
DAYSINSTAGE	int	Number of days at the particular stage

Column(s) of "TBL_OPPORTUNITY_ACL" Table		
Name	Datatype	Comment
OPPORTUNITYID	uniqueidentifier	FOREIGN KEY to TBL_OPPORTUNITY.
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd.

Column(s) of "TBL_OPPORTUNITY_ACTIVITY" Table		
Name	Datatype	Comment
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.
ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record.

Column(s) of "TBL_OPPORTUNITY_HISTORY" Table		
Name	Datatype	Comment

OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record.

Column(s) of "TBL OPPORTUNITY NOTE" Table		
Name	Datatype	Comment
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record.

Column(s) of "TBL OPPORTUNITY PRODUCTSERVICE" Table		
Name	Datatype	Comment
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.
PRODUCTSERVICEID	uniqueidentifier	PRIMARY KEY.

Column(s) of "TBL PASSWORDHISTORY" Table		
Name	Datatype	Comment
PASSWORDHISTORYID	uniqueidentifier	PRIMARY KEY.
PASSWORD	nvarchar(50)	Password value.
CREATEDATE	datetime	Date and Time the record was created.
CREATEUSERID	uniqueidentifier	Userid of the record creator.

Column(s) of "TBL_PERMISSION" Table		
Name	Datatype	Comment
PERMISSIONID	uniqueidentifier	PRIMARY KEY.
FEATURESETID	uniqueidentifier	Foreign Key to the TBL_FEATURESET table.
NAME	nvarchar(64)	Permission name.
DISPLAYNAME	nvarchar(96)	Localizable name of the Permission which is displayed to the user in the application and reports, etc.
DESCRIPTION	nvarchar(128)	
TYPENUM	tinyint	Enumeration. Identifies the type of Permission which can be referenced in/by the Framework and SDK. Values: 0 = Create/Edit Records 1 = Delete My Records 2 = Delete Other Users Records 3 = Manage Other Users Records (Access) 255 = Other
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_PERMISSION_DEPEND" Table		
Name	Datatype	Comment
PERMISSIONID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Permission record.
DEPENDID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Permission record.

Column(s) of "TBL_PHONE" Table		
Name	Datatype	Comment
PHONEID	uniqueidentifier	PRIMARY KEY.
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a Recordtype Enumerator. An example may be Work or Home
CONTACTID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.
NUMBERVALUE	nvarchar(32)	INTERNAL SYSTEM FIELD. The numeric storage of the phone number.
NUMBERDISPLAY	nvarchar(32)	The string formatted representation of the phone number including any Phonemask which has been applied.
SUFFIX	nvarchar(256)	Any value to append to the Phone Number field. This could include a value for: - Extension - Pager Pin
COUNTRYCODE	smallint	FOREIGN KEY. Relates to the PRIMARY KEY for the Country record - used to support Phonemasks.
PHONEMASKID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Phonemask (TBL_PHONEMASK) record.

Column(s) of "TBL_PHONEMASK" Table		
Name	Datatype	Comment
PHONEMASKID	uniqueidentifier	PRIMARY KEY.
PHONEMASK	nvarchar(32)	The input mask for the Phone number value.
ISDEFAULT	bit	BOOLEAN. Whether or not the record is the Default Phonemask for the given Country.
COUNTRYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Country record.
ISACTIVE	bit	Boolean datatype. Determines if the PhoneMask record is used in the application. Valid values: 0 = Not Active 1 = Active
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_PICKLIST" Table		
Name	Datatype	Comment
PICKLISTID	uniqueidentifier	Primary Key.
ISCUSTOM	bit	Boolean datatype. False if a list that the base product ships with, True otherwise.
TYPENUM	tinyint	TINYINT enumeration. A Non-Bindable Type indicates that the Picklist cannot be bound to another column. A System Picklist is fixed. 0 = General Bindable, 1 = General Non-Bindable, 2 = System Non-Bindable, 3 = System Name,Parsing List (Prefix, Suffix, Compound) - Non-Bindable 4 = System Other - Non-Bindable. A General list is one that is not for any specific use. A General Bindable Picklist would be able to be bound/associated to another column (shared).

ISEDITLIST	bit	Boolean. This field is paired in logic with ISAUTOINSERT. Values: 1 = a. The list items (PICKLISTITEMS) can be edited (INSERT or UPDATE) by all Users. b. ISAUTOINSERT could be True OR False.  0 = a. Users cannot INSERT or UPDATE to the list items (PICKLISTITEMS). b. ISAUTOINSERT cannot be True.
ISAUTOINSERT	bit	Boolean. This field is paired in logic with ISEDITLIST. If ISEDITLIST is False, this field value CANNOT be True. 1 = Any non-matching values entered by the User will automatically be added to this list items (PICKLISTITEMS). 0 = Users cannot INSERT to the list items (PICKLISTITEMS).
DATATYPEID	tinyint	Foreign Key to SYSDATATYPE. Identifies the ACT! datatype in the SYSDATATYPE table which the Administrator states to be the type of values that this list will contain. An example would be Character. The enforcement idea behind this is that only PICKLISTS and COLUMNS of the same type can be bound/associated.
NAME	nvarchar(64)	UNIQUE value. The displayname of the List (i.e. Address Types).
DESCRIPTION	nvarchar(128)	Optional narrative description of the record.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_PICKLIST_SYSCOLUMN" Table		
Name	Datatype	Comment
PICKLISTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Picklist record.
COLUMNID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Columns record.
ISLIMITTOLIST	bit	BOOLEAN. Determines whether the bound column allows values other than those in the associated Picklist. Values: 0 - Values other than the Picklist Items are allowed in the column 1 - Only values in the Picklist Items are allowed in the column
ISMULTISELECT	bit	BOOLEAN. Determines whether the bound column allows the selection of more than one value (multiple) in the column. If True/Yes, the values are delimited by a designated character such as a semi-colon or pipe. Values: 0 - Do not allow multiple values in the column 1 - Allow multiple values in the column

ISSHOWDESC	bit	BOOLEAN. Determines whether the DESCRIPTION for the Picklist Item is shown upon dropdown. Values: 0 - Do not show Description in dropdown 1 - Show Description in dropdown
ISTYPEAHEAD	bit	BOOLEAN. This field will enable/disable type-ahead support on a list binding. Values: 0 - No type-ahead 1 - Type-ahead
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_PICKLISTITEM" Table		
Name	Datatype	Comment
PICKLISTITEMID	uniqueidentifier	Primary Key.
PICKLISTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Picklist record.
NAME	nvarchar(442)	UNIQUE - case-sensitive. Mandatory value which serves as the displayed name of the list to the User.
DESCRIPTION	nvarchar(128)	An optional narrative description for the record.
ISCUSTOM	bit	Boolean. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last Edited.

Column(s) of "TBL_PREFERENCE" Table		
Name	Datatype	Comment
PREFERENCEID	uniqueidentifier	PRIMARY KEY.
NAME	varchar(256)	
ISSERIALIZED	bit	
OBJECTBINARYVALUE	varbinary(max)	
OBJECTSTRINGVALUE	nvarchar(max)	

Column(s) of "TBL_PROCESS" Table		
Name	Datatype	Comment
PROCESSID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(64)	The unique Process name.
DESCRIPTION	nvarchar(256)	An optional descriptive text.
ISACTIVE	bit	BOOLEAN. Values: 0 - Not Active 1 - Active Inactive records are not available for selection or new assignment to other records.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.

CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	

Column(s) of "TBL_PRODUCT" Table		
Name	Datatype	Comment
PRODUCTID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(256)	The Product Name. Note: if the record is used in an Opportunity (picked from the dropdown), this field is mapped into the TBL_OPPORTUNITY_PRODUCT.DESCRPTION field.
DESCRIPTION	nvarchar(256)	An optional description for the record.
CODE	nvarchar(64)	
TYPE	nvarchar(128)	
UNITOFISSUE	nvarchar(32)	
UNITCOST	decimal(19,4)	
UNITPRICE	decimal(19,4)	
PICTURE	varbinary(max)	An optional field to store any image data for the Product.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_PRODUCTSERVICE" Table		
Name	Datatype	Comment
PRODUCTSERVICEID	uniqueidentifier	PRIMARY KEY.
PRODUCTID	uniqueidentifier	Optional FOREIGN KEY to TBL_PRODUCT. When not null, the value must exist in the TBL_PRODUCT table. A null value represents a record which did not originate from the Product List.
NAME	nvarchar(256)	Referred to as the Product or Service (Name) in the application. Dropdown value from the master Product List (TBL_PRODUCT).
ITEMCODE	nvarchar(64)	Dropdown value from the master Product List (TBL_PRODUCT).
ITEMTYPE	nvarchar(128)	Optional field to describe or categorize the Product or Service.
QUANTITY	decimal(18,5)	Quantity of the Product or Service.
UNITCOST	decimal(18,2)	Cost per each for the Product or Service.
UNITPRICE	decimal(18,2)	Consumer Price of the Product or Service.
UNITDISCOUNT	decimal(18,5)	Decimal value representing the discount value expressed either as a percentage or current amount. To determine if this value is a percentage or amount, reference the DISCOUNTTYPENUM value.  Valid percentage values are stored as decimals with 1.0 representing 100%. Valid amounts values are actual.
DISCOUNTTYPENUM	tinyint	Enumerator. Required to determine whether the UNITDISCOUNT value represents a percentage or currency amount. Valid values are: 0 = Percentage (%) 1 = Amount (\$)

DISCOUNTTYPE	nvarchar(10)	
DISCOUNTPRICE	decimal(18,2)	A field which represents the Discounted Price of the Product per item. It is calculated by the application framework as either: - UNITCOST - UNITDISCOUNT if discount is an amount - UNITCOST * (100-UNITDISCOUNT) if discount is a percentage
EXTENDEDAMT	decimal(18,2)	Field is calculated by the application framework. The calculation is: QUANTITY * DISCOUNTPRICE  The total sum of this field is aggregated to it's parent OPPORTUNITY record in the TOTALEXTENDEDAMT field.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	

Column(s) of "TBL_RESOURCE" Table		
Name	Datatype	Comment
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.
TYPENUM	tinyint	Tinyint enumeration. Used to categorize Resource records. Valid values are: 0 = Location 1 = Equipment Potentially, Resource records (the NAME string) of Type Location, when selected to participate in an Activity, will be copied into the LOCATION field of the Activity similar to Outlook behavior.

Column(s) of "TBL_ROLE" Table		
Name	Datatype	Comment
ROLEID	uniqueidentifier	Primary Key.
NAME	nvarchar(64)	The localizable display name of the Role. There are FIVE canned/shipped values which include: ADMINISTRATOR MANAGER STANDARD ASSISTANT BROWSE
DISPLAYNAME	nvarchar(96)	Localizable name of the Role which is displayed to the user in the application and reports, etc.
DESCRIPTION	nvarchar(128)	A optional narrative description for the Role.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_ROLE_PERMISSION" Table		
Name	Datatype	Comment
ROLEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Role record.
PERMISSIONID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Permission record.

Column(s) of "TBL_SECONDARY" Table		
Name	Datatype	Comment
SECONDARYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record. **Represents the Secondary Contact.
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record. **Represents the (parent/main) Contact record.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_SERIALNUMBER" Table		
Name	Datatype	Comment
SERIALNUMBERID	uniqueidentifier	Primary Key.
SERIALNUMBER	nvarchar(64)	ACT! Product Serial Number.
CREATEDATE	datetime	Date and Time the record was last edited.
CREATEUSERID	uniqueidentifier	

Column(s) of "TBL_SETTING" Table		
Name	Datatype	Comment
SETTINGID	uniqueidentifier	Primary Key.
NAME	nvarchar(450)	Unique, mandatory column. Natural key for the record identifying its usage and what it defines.
SETTINGSTRINGVALUE	nvarchar(max)	Optional large-string field containing the value of the Setting.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_SOCIALMEDIA" Table		
Name	Datatype	Comment
SOCIALMEDIAID	uniqueidentifier	
NAME	nvarchar(max)	
DISPLAYNAME	nvarchar(max)	

Column(s) of "TBL_STAGE" Table		
Name	Datatype	Comment
STAGEID	uniqueidentifier	PRIMARY KEY.
PROCESSID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Process record.
ORDINAL	int	The sequence value for the Stage with the Process (i.e. step #).
NAME	nvarchar(64)	The unique Stage Name for the Process.
DESCRIPTION	nvarchar(256)	
PROBABILITYPCT	tinyint	
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	

Column(s) of "TBL_STAGE_COLOR" Table		
Name	Datatype	Comment
STAGEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Stage record.

COLOR	int	An integer value representing the chosen color.
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Column(s) of "TBL_STAGE_HISTORY" Table		
Name	Datatype	Comment
STAGE_HISTORYID	uniqueidentifier	Primary Key
STAGEID	uniqueidentifier	Foreign Key
OPPORTUNITYID	uniqueidentifier	Foreign key
WEIGHTEDAMT	decimal(18,2)	
DATECHANGED	datetime	
STAGEFROMID	uniqueidentifier	
STAGETOID	uniqueidentifier	
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	

Column(s) of "TBL_SYNCCONTACT" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	PRIMARY KEY.
FULLNAME	nvarchar(256)	Denormalized value of the same field from TBL_CONTACT.
LASTNAME	nvarchar(128)	Denormalized value of the same field from TBL_CONTACT. A system field used primarily for sorting by LastName-FirstName like the Contact List, etc.
FIRSTNAME	nvarchar(64)	Denormalized value of the same field from TBL_CONTACT. A system field used primarily for sorting by LastName-FirstName like the Contact List, etc.
COMPANYNAME	nvarchar(256)	Denormalized value of the same field from TBL_CONTACT.
BUSINESS_PHONE	nvarchar(32)	This is the NUMBERDISPLAY field from TBL_PHONE.
MANAGEUSERID	uniqueidentifier	Denormalized value of the same field from TBL_CONTACT.
ISPRIVATE	bit	Denormalized value of the same field from TBL_CONTACT.
DELETEUSERID	uniqueidentifier	Set by the Framework; the ACCESSORID of the User who deleted the Contact.
DELETEDATE	datetime	Set by the Framework; the datetime when the Contact was deleted.

Column(s) of "TBL_SYNCCONTACT_ACL" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the SYNCCONTACT record.

Column(s) of "TBL_SYNCDB" Table		
Name	Datatype	Comment
SYNCDBGUID	uniqueidentifier	PRIMARY KEY.
SERVERNAME	nvarchar(64)	The physical servername of the database engine. This value is obtained and maintained in and by the local CTL_DBCONFIG table and Triggers.
DATABASENAME	nvarchar(196)	Physical name of the Child Database that is created. For a handheld Device, this is a four-part name that is constructed as: ACT_USERID. APP_NAME. DEVICE_SERIALNUMBER. PARENT_SYNCDBGUID
DATABASEID	uniqueidentifier	GUID. Represents the global database id for the Syncing database. This value is initialized upon initial Sync Child Database creation (the initial Snapshot) and is reset/changed upon subsequent Snapshot (re-Snapshot).
SYNC_SERVER_MACHINE_NAME	nvarchar(64)	Contains the physical name of the machine which is running the Sync Server component. In many cases this may be the same as the Servername of the machine running/hosting the database. Used in conjunction with SYNC_SERVER_PORT.
SYNC_SERVER_PORT	int	Optional field to identify the Sync Server Port number. Used when installing the service. Used in conjunction with SYNC_SERVER_MACHINE_NAME.
WEB_SERVER_ADDRESS	nvarchar(256)	Optional. WEB Address, in the form of a URL, for outside of the firewall Sync.
SYNCSETID	uniqueidentifier	FOREIGN KEY to TBL_SYNCSET. Identifies the Syncset containing the content and remote user definitions (i.e. the WHO and the WHAT) to sync.
PUB_SYNCDBGUID	uniqueidentifier	Applicable for all sync databases except the highest Publisher (master) database. Indicates the remote/Subscriber database's Publisher (i.e. its parent).
STATUSNUM	tinyint	Tinyint Enumerator. Identifies the current status of the Subscriber to the Publisher. Valid values are: 0 = Active 1 = Disabled with Last Sync 2 = Suspended 3 = Active Re-Snapshot 9 = Disabled with No Last Sync
ISEXPIRED	bit	Boolean. Identifies if the database is Expired or not. Expired is defined by it's EXPIREDAYS value relative to it's LAST_SUCESSDATE. Valid values: 0 = False, not Expired 1 = True, Expired
EXPIREACTION	tinyint	Enumerator. Identifies the default action to take on the database upon Expiration (when ISEXPIRED becomes True/1). Valid values correspond to the STATUSNUM values: 0 = Active 1 = Disabled with Last Sync 2 = Suspended 9 = Disabled with No Last Sync
CONFLICTRULE1	tinyint	
CONFLICTRULE2	tinyint	
EXPIREDAYS	smallint	The number of days that the remote/subscriber database is to expire, or stop syncing. The number of days is counted from the LAST_SNAPSHOT datetime value for the database (in table CTL_SYNCDBMAPINFO).

ISSUPPFILESYNC	bit	Boolean. Determines if the Shared Datastore files (including Layouts, Templates, etc.) should sync or not.
ISATTACHSYNC	bit	Boolean. Determines whether the Sync database is configured to also sync the File Attachments for various records such as Notes, Histories, Activities and Library Documents
ISINCLUDEATTACH	bit	Boolean. Identifies if the Sync database has been configured (during creation) to include/ package Attachments.
MAXATTACHBYTES	int	The maximum file size, in bytes, that will be included for attachments when Syncing.
DEVICE_SERIALNUM	nvarchar(64)	Optional, applicable only to Device-type databases (handhelds). A secondary identification method used in the Sync API.
TYPENUM	tinyint	Foreign Keyed in TBL_SYNCDB.
ORIG_CREATEDATE	datetime	The original, very first datetime that the Remote Database record was created. This value never changes - the CREATEDATE can change and reflects the last datetime that the Remote Database was re-created or re-snapshot.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Datetime that the Remote Database was last re-created or re-snapshot. Unlike the ORIG_CREATEDATE, this value can change.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_SYNCDBTYPE" Table		
Name	Datatype	Comment
SYNCDBTYPEID	uniqueidentifier	
TYPENUM	tinyint	Foreign Keyed in TBL_SYNCDB.
NAME	nvarchar(64)	Identifying Name of the Sync DB Type.
DESCRIPTION	nvarchar(128)	Optional narrative description of the record.
ISCUSTOM	bit	BOOLEAN. Identifies if the record was custom added by the user or application: 0 = Not Custom 1 = Custom
CREATEUSERID	uniqueidentifier	Original record creator.
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_SYNCEXTENDEDDEDATA" Table		
Name	Datatype	Comment
SYNCEXTENDEDDEDATAID	uniqueidentifier	PRIMARY KEY.
SYNCDBGUID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the SyncDB record.
EXTENDED TYPENUM	tinyint	Identifies the TYPE of Extended data: 0 - Notes 1 - Histories 2 - Activities 3 - Opportunities
NUMTYPE	tinyint	Enumeration. Identifies whether the Extended Data Type is filtered by the last number of occurrences or days. Valid values: 0 = OCCURRENCES 1 = DAYS

NUMVALUE	smallint	Value for the Extended Data type. The value will represent either the number of occurrences or days. Values: -1 = Unlimited (no limit) 0 = Zero (None) >0 = Actual Number (rowlimit)
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Column(s) of "TBL_SYNCEXTENDEDDEDATA_TYPE" Table		
Name	Datatype	Comment
SYNCEXTENDEDDEDATA_TYPEID	uniqueidentifier	PRIMARY KEY.
SYNCEXTENDEDDEDATAID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Extended Data record.
TYPEID	smallint	TYPEID for the Extended Data type (Note, History, Activity). This represents either a: - HISTORYTYPEID - NOTETYPEID - ACTIVITYTYPEID which is defined in the characteristic tables TBL_HISTORYTYPE, TBL_ACTIVITYTYPE, etc.

Column(s) of "TBL_SYNCSET" Table		
Name	Datatype	Comment
SYNCSETID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(312)	Unique Constraint. Name of the Syncset. For Handheld Devices, this name will be system-generated.
DESCRIPTION	nvarchar(256)	Optional narrative text to describe the Syncset.
ISALLUSERSYNC	bit	
CONTACTQUERYTEXT	nvarchar(max)	Stores the query text for dynamic Sync Criteria if the user chooses. This is the actual SQL syntax to pass into the WHERE clause for query execution. This is a shadowed and de-normalized attribute made up of records (if any) from the SYNCSETQUERY table.  *This construct for storing the query string mirrors that of how it's done for GROUP.
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXXQUERY records which comprise the QUERYTEXT field in this table.
TYPENUM	tinyint	PRIMARY KEY.
MANAGEUSERID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Accessor record. Populated only for Device Syncsets.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_SYNCSET_ACCESSOR" Table		
Name	Datatype	Comment
SYNCSETID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the SyncSet record.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_SYNCSETQUERY" Table		
Name	Datatype	Comment
SYNCSETQUERYID	uniqueidentifier	PRIMARY KEY.
SYNCSETID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the SyncSet record.
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.
ORDINAL	smallint	
LEFTPAREN	tinyint	
RIGHTPAREN	tinyint	
LOGICALOPERATOR	tinyint	
COLUMNID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Columns record.
OPERATORID	tinyint	FOREIGN KEY. Relates to the PRIMARY KEY for the Operator record.
VALUEID1	tinyint	PRIMARY KEY.
VALUEID2	tinyint	PRIMARY KEY.
VALUESTRING1	nvarchar(500)	
VALUESTRING2	nvarchar(500)	

Column(s) of "TBL_SYNCSSUBSCRIPTION" Table		
Name	Datatype	Comment
SYNCSETID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the SyncSet record.
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.
SUBSTATUS	tinyint	Enumeration. Identifies the current Subscription Status. Valid values: 0 = Not Subscribed 1 = Subscribed
SUBSOURCE	tinyint	Enumeration. Identifies the source of the current Subscription Status (SUBSTATUS). Valid values include: 0 = Automatic 1 = Manual 2 = Automatic From Remote (Temporary State)
SUBDBGUID	uniqueidentifier	FOREIGN KEY (LOGICAL). Contains the value of the SYNCDBGUID in TBL_SYNCDB. Identifies where the last action was taken to either Subscribe or Unsubscribe a Contact (at which master/remote location).
SUBUSERID	uniqueidentifier	FOREIGN KEY (LOGICAL). Identifies the User who last Subscribed or Unsubscribed the Contact record.
SUBDATE	datetime	Date and Time the record was Subscribed or Unsubscribed.

Column(s) of "TBL_SYSCALCCOLUMN" Table		
Name	Datatype	Comment
CALCCOLUMNID	uniqueidentifier	FOREIGN KEY to SYSCOLUMN. Contains the COLUMNID of the Calculated Column.
BASECOLUMNID	uniqueidentifier	FOREIGN KEY to SYSCOLUMN. References the base/real column which participates in the Calculated Field definition.

CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_SYSCOLUMN" Table		
Name	Datatype	Comment
COLUMNID	uniqueidentifier	PRIMARY KEY.
TABLEID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the TBL_SYSTABLE record.
COLUMNNAME	nvarchar(64)	UNIQUE within table. The physical name of the column/field in the database. This is generally not exposed to the user, instead we generally show the DISPLAYNAME which is user-defineable and localizable.
DISPLAYNAME	nvarchar(192)	UNIQUE within table. The user-defineable and localizable name of the column/field in the database. This is exposed to the user in the application. The COLUMNNAME represents the physical name of the column/field in the database.
TYPENUM	tinyint	ENUMERATOR. An internal-use numeric value representing the type of column. Values: 0 = Real 1 = Real Has Virtuals 2 = Typed Virtual 3 = Non-Typed Virtual 4 = Calculated 5 = Accessor Virtuals Virtual columns are a representation of the real fields in a table materialized across a record discriminator, generally a TYPEID (of ActDatatype RECORDTYPE).
ALIASNAME	nvarchar(64)	Optional. Introduced to support Custom Tables, a user-provided name (via the SDK) to specify for a column to use for binding on Layouts, Reports, etc. The value for ALIASNAME can either be NULL or not NULL. If not NULL, the value must be unique within its Entity to which it belongs across any/all tables which comprise that Entity (or Sub-Entity).  NOTE: this value is used as the Columnname for the OLE DB Reporting Provider v2.0.
ISCUSTOM	bit	BOOLEAN. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User
ISDISPLAYED	bit	BOOLEAN. A value utilized by the application for determining which columns to display to the User in dialogs such as drop-downs for Groups and Lookups. Values: 0 = Do not display 1 = Display A separate field, ISDEFINEFIELD, is used to identify records eligible to be exposed in the Define Fields module/dialog.
ISDEFINEFIELD	bit	BOOLEAN. Supports the Define Fields dialog/module. Values: 0 = Do not expose in Define Fields 1 = Show in Define Fields A separate field, ISDISPLAYED, is used to identify records eligible to be exposed in the other areas of the application outside of Define Fields.

ORDINAL	smallint	The column order within the table. For real/physical and Calculated columns (TYPENUM = 0, 4 respectively), this is the actual physical ordinal position/order of the field within the table. For Virtual (TYPENUM = 2) columns it is arbitrary.
ISNULLABLE	bit	BOOLEAN. Represents the physical NULLability of the field in the database. This is not to be confused with the ISALLOWBLANK attribute of this table which is exposed to the User to state the business rule of allowing a field to be left blank.
LENGTH	smallint	The physical length of the column. This does not necessarily represent the number of bytes which could be different.
DECIMALPRECISION	tinyint	The scale, number of digits supported to the right of the decimal.
DATATYPEID	tinyint	PRIMARY KEY.
ISPRIMARY	bit	BOOLEAN. Not to be confused with Primary Key. This determines if the user, via Define Fields, has identified the column as a Primary Field. During the Duplicate Record task, one of the options is to copy only Primary Fields - this field identifies those Primary Fields.
ISTRACKED	bit	BOOLEAN. Set by the User in Define Fields, determines if a record is written to History when the value in the field changes. When the value is: 0 = Do not write History 1 = Write History record
ISALLOWBLANK	bit	BOOLEAN. Set by the User in Define Fields, states a business rule whether or not the field can be left blank. Differs from ISNULLABLE which represents the physical NULLability of the field in the database.
ISREMOVEABLE	bit	BOOLEAN. Probably not directly exposed to the user in Define Fields or elsewhere. Values: 0 = Column cannot be deleted/removed 1 = Column can be deleted/removed This is a system setting for shipped fields. This enforces core fields for a table as defined by Product Mgmt and/or Development. An example of a non-removeable field would be the LASTNAME in TBL_CONTACT.
ISPROTECTED	bit	* DEPRECATED IN 9.0 * BOOLEAN. Set by the User in Define Fields, determines if the column allows entry. Values: 0 = No data entry 1 = Allow data entry This value must be loaded and respected by the Forms and Layouts of the application for enforcement. This field replaces the Entry Rules in previous versions of ACT! as the 'Only from drop-down' has moved to the PICKLIST_SYSCOLUMN relationship table.
ISRESIZEABLE	bit	BOOLEAN. Identifies if a column can be resized in Define Fields. Some datatypes simply cannot be resized such as datetime fields. Others such as character can. This field is used in conjunction with MIN_COLUMNLENGTH to support and protect the sacred fields. Values: 0 = Column is not resizable 1 = Column is resizable

MIN_COLUMNLENGTH	smallint	Optional Field. Used to support the sacred fields in the base schema. If NOT NULL, this value represents the smallest/minimum size (length) that the column can be sized.
ALLOWDATATYPECHANGE	bit	BOOLEAN. Determines if the field datatype can be changed in Define Fields. Values: 0 - datatype cannot be changed 1 - datatype can be changed
VALIDACCESSLEVELS	tinyint	BITWISE ENUMERATION. Determines the valid/allowable Access Levels for the column that can be set in Define Fields. This applies to both the Default Access as well as User and Team-specific Access.  LEGEND: (NA=NO ACCESS, RO=READ ONLY, RW=READ WRITE) 1 - NA 2 - RO 3 - NA,RO 4 - RW 5 - NA,RW 6 - RO,RW 7 - NA,RO,RW
DEFAULTVALUE	nvarchar(500)	Optional value set by the User in Define Fields, determines if a record is to get a pre-determined value upon creation of a new record. Similar to a DEFAULT CONSTRAINT in a database
FIELDFORMAT	nvarchar(500)	Optional value set by the User in Define Fields, identifies any desired formatting/masking of values in the field. The mask can include literals to be included within the mask, as well. Valid Character Field Mask Symbols: # - Character must be numeric 0-9 @ - Character must be alphabetic % - Character can be either numeric or alphabetic
CALCDEFINITION	nvarchar(max)	Optional, contains the internal source definition of a Calculated Field (TYPENUM=4). The format is stored in a native format in that it is used as the unaltered source to perform the underlying DDL. It contains columns by COLUMNNAME.  Each COLUMN that participates in a Calculated Field is also stored in a child table SYSCALCCOLUMN. This is for RI and other checks in case the user attempts to modify (via Define Fields or the SDK) any of the underlying base columns/fields.
CALCDISPLAY	nvarchar(max)	Optional, contains the DISPLAYED source definition of a Calculated Field (TYPENUM=4). The format is TBD, but will need to reference columns by DISPLAYNAME to facilitate showing the column definition to the users.  Each COLUMN that participates in a Calculated Field is also stored in a child table SYSCALCCOLUMN. This is for RI and other checks in case the user attempts to modify (via Define Fields or the SDK) any of the underlying base columns/fields.

EVENTONFOCUS	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the OnFocus Event which is exposed to the user as On Enter.
EVENTONLOSTFOCUS	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the LostFocus Event which is exposed to the user as On Exit.
EVENTONCHANGE	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the Change Event which is exposed to the user as On Change.
REF_REALCOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified physical COLUMNNAME of the field it represents. For example, a Virtual Column of WORK_CITY would have a REF_REALCOLUMN value of 'dbo.TBL_ADDRESS.CITY'.
REF_TYPECOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified physical COLUMNNAME of the RECORDTYPE field it represents, which should be the same value for all Virtual Columns in the same table. For example, a Virtual Column in the ADDRESS table would have a REF_TYPECOLUMN value of 'dbo.TBL_ADDRESS.TYPEID'.
REF_TYPEID	uniqueidentifier	FOREIGN KEY to PICKLISTITEM, support for Virtual Columns (TYPENUM=2). Contains the GUID value of the RECORDTYPE for the Virtual Column. This is a value to be used together with REF_TYPECOLUMN for queries. For example, a Virtual Column of 'WORK_CITY' would have a REF_TYPEID that would link to the PICKLISTITEM with a NAME value of 'Work'. Note that PICKLISTS are bound to COLUMNS via the PICKLIST_SYSCOLUMN associative table.
REF_REALCOLUMNID	uniqueidentifier	FOREIGN KEY. This field is applicable only to Virtual Columns (TYPENUM=2,3,5). This foreign keys to the same table, the COLUMNID of the base (real) column that the virtual column is based upon.
REF_JOINCOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified name of the column on which to perform the JOIN. An example would be for an Accessor Virtual column: dbo.TBL_ACCESSOR.ACCESSORID The REF_TYPECOLUMN would join to this REF_JOINCOLUMN.
UPDATETYPE	tinyint	ENUMERATOR, internal-use only field. A system field used by the application framework and database triggers and procs to determine any underlying DDL actions to take. Used specifically in trigger TBL_SYSCOLUMN_TRU1. Valid values: 0 = Logical (no DDL required) 1 = Compatible (can perform ALTER TABLE) 2 = Unload (data scrub before ALTER TABLE) 3 = Invalid (cannot be updated as requested)

OLEDBNAME	nvarchar(96)	UNIQUE within the table. The user-definable (indirectly) and localizable name of the column/field in the database FOR THE EXTERNAL OLE/DB PROVIDER v1.0; This is exposed to the user only via the OLE/DB Provider v1.0. This field is initially set to the DISPLAYNAME of the column but may be changed as that field is renamed depending upon the OLEDBTYPENUM enum value.
OLEDBTYPENUM	tinyint	System enumeration. Determines if the column is used to generate the OLE/DB Reporting v1.0 Views (VRP_) and if so, if the OLEDBNAME field is to be updated when the DISPLAYNAME of the column is changed. Valid values: 0 = Not a Reporting column 1 = A non-Renamable Reporting column 2 = A Renamable Reporting column
SYNCTYPENUM	tinyint	System Enumeration Field. Identifies the how and if the column participates in Synchronization. Valid values include: 0 = Log, Sync 1 = Log, No Sync 2 = No Log, Sync 3 = No Log, No Sync
RECORDIDENTIFIER	tinyint	Optional, treated as an ordinal/sequence. Used to set and identify the fields which the user wants as the Record Identifier for an Entity (or Sub-Entity). Introduced to support custom tables (Sub-Entities) and the Track Changes property.  In this event, the History Details will be associated to the Sub-Entities parent record association(s); the Details will include the values of the RECORDIDENTIFIER fields in their numerical order for context.
DESCRIPTION	nvarchar(max)	An optional narrative description of the field.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_SYSCOLUMN_ACL" Table		
Name	Datatype	Comment
COLUMNID	uniqueidentifier	PRIMARY KEY.
ACCESSLEVEL	tinyint	Enum value; determines the level of Column/Field access for either Users and/or Teams. Valid values include: 0 - Deny (no access) 1 - Read-only 2 - Full Edit (Read/Write)

Column(s) of "TBL_SYSCONSTANT" Table		
Name	Datatype	Comment
CONSTANTNAME	nvarchar(64)	PRIMARY KEY. A globally-unique value to quickly identify a constant for it's GUID value. An example of this might be the special Administrators Role, ROLE_ADMINISTRATOR. The example above shows how the value should be qualified to identify it's namespace as best possible.

CONSTANTVALUE	uniqueidentifier	The constant GUID value of the record.
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**Column(s) of "TBL\_SYSDATATYPE" Table**

Name	Datatype	Comment
DATATYPEID	tinyint	PRIMARY KEY.
DOMAINID	tinyint	FOREIGN KEY to TBL_SYSDOMAIN. Identifies the family or classification of the datatype record.
PHYDATATYPE	nvarchar(32)	Identifies the actual physical datatype which is used/stored in the database. This value can vary between different database vendors. This datatype is not exposed to the user.
ACTDATATYPE	nvarchar(32)	Contains the user-friendly name and classification of the datatype. These are finite and shipped with the application, they're not extendible. An example value would be URL Address. Some of these datatypes, such as the example given, also carry some behavioral implications such as formatting and hot-linking.
APPDATATYPE	nvarchar(255)	Contains the internal-use .Net datatype for application schema meta-data use.
ISNULLABLE	bit	Represents the NULLability value of the physical datatype (PHYDATATYPE) which can vary between different database vendors.
STORAGEBYTES	smallint	The actual number of bytes required to store the physical datatype. As an example, an NVARCHAR requires two bytes of storage for each character.
LENGTHMAX	smallint	
LENGTHDEFAULT	smallint	
ISLENGTHFIXED	bit	
DECIMALPRECISION	tinyint	
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was last edited.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time the record was last edited.

**Column(s) of "TBL\_SYSDOMAIN" Table**

Name	Datatype	Comment
DOMAINID	tinyint	PRIMARY KEY.
NAME	nvarchar(32)	The physical and displayname of the datatype class (i.e. STRING, NUMERIC).
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was last edited.

**Column(s) of "TBL\_SYSDOMAIN SYSOPERATOR" Table**

Name	Datatype	Comment
DOMAINID	tinyint	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the (datatype) Domain record.
OPERATORID	tinyint	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the (query) Operators record.

OPERATORSQL	nvarchar(1000)	Contains the RDBMS-specific format for translating an Operator (SYSOPERATOR) into valid SQL syntax. This value can optionally contain placeholders which are defined as: @COLUMN - column name @FVALUE - first value @SVALUE - second value
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Column(s) of "TBL_SYSENTITY" Table		
Name	Datatype	Comment
ENTITYID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(64)	UNIQUE value. The internal name of the Entity.
DISPLAYNAME	nvarchar(64)	UNIQUE. The localized name for the Entity which is displayed to the User in the application and SDK.
DESCRIPTION	nvarchar(512)	An optional narrative description for the record.
TYPENUM	tinyint	Enumeration. Identifies the type of Entity - valid values: 0 = Entity (i.e. Contact, Group) 1 = Sub-Entity (i.e. Custom Table)  A Sub-Entity requires access, or accessibility, thru it's related Entity or Entities. An example would be a custom Policies Sub-Entity intended to extended an Entity (such as Contact) in a M:M cardinality.  Implemented in support of Custom Tables.
FEATURESETID	uniqueidentifier	Optional FOREIGN KEY. Identifies the Featureset for the Entity (or Sub-Entity) which contains the Security including Permissions.
ISALLOWHISTORYEDIT	bit	Boolean. Exposed to the user in Define Fields module. Determines whether or not to allow users to edit/modify History records for the Entity.
ISENABLEDUPCHK	bit	Boolean. Exposed to the user in Define Fields module. Determines whether or not to perform Duplicate Checking for the Entity.
ISCUSTOM	bit	BOOLEAN. Identifies if the Entity is user-created or stock.
ISDEFINEFIELD	bit	BOOLEAN. Identifies if the Entity (or Sub-Entity) is extensible (available in Define Fields). This applies to all tables which comprise the Entity. Values: 0 = Entity does not appear in Define Fields; all tables which comprise the Entity will be set to 0 (false) 1 = Entity does appear in Define Fields; tables which comprise the Entity can be set to True or False as desired.
ISDISPLAYED	bit	BOOLEAN. Identifies if the Entity (or Sub-Entity) is generally displayed in the application. This applies to all tables which comprise the Entity. Values: 0 = Entity does not appear in the application; all tables which comprise the Entity will be set to 0 (false) 1 = Entity does appear in the application; tables which comprise the Entity can be set to True or False as desired.  Appearing in the application includes Customize Columns, Lookups, OLE/DB Provider, etc.

CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_SYSENTITY_SYSTABLE" Table		
Name	Datatype	Comment
ENTITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Entity record.
TABLEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Table record.
ISPRIMARYTABLE	bit	BOOLEAN. Identifies if the record representing the table association to an Entity is the Primary, or Lead, table for the Entity. An example of this would be the CONTACT table is the Primary table for the CONTACT Entity. Values are: 0 - Not the Primary 1 - Is the Primary Only ONE table per Entity should be designated as the Primary.

Column(s) of "TBL_SYSENTITYRELATION" Table		
Name	Datatype	Comment
FROM_ENTITYID	uniqueidentifier	PRIMARY KEY.
TO_ENTITYID	uniqueidentifier	PRIMARY KEY.
FROM_CARDINALITY	varchar(3)	Identifies the cardinality of the FROM Entity to the TO Entity relationship. Valid values: 1 = One-to-N M = Many-to-N  Note that both the M and 1 cardinalities are an implied Z cardinality meaning zero-one-or-more (M) or zero-or-one (1).  A 1:M of Contact to Policy would indicate that One Contact can have Many Policies, but that each Policy can have only One Contact.  A M:M of Contact to Policy would indicate that One Contact can have Many Policies, and that each Policy can have Many Contacts.
TO_CARDINALITY	varchar(3)	Identifies the cardinality of the TO Entity to the FROM Entity relationship. Valid values: 1 = N-to-One M = N-to-Many  Note that both the M and 1 cardinalities are an implied Z cardinality meaning zero-one-or-more (M) or zero-or-one (1).  A 1:M of Contact to Policy would indicate that One Contact can have Many Policies, but that each Policy can have only One Contact.  A M:M of Contact to Policy would indicate that One Contact can have Many Policies, and that each Policy can have Many Contacts.

ROLETYPENUM	tinyint	Used to determine what type of Relationship there will be. This enum value determines if there will be ROLE fields and how many (and for which direction(s)): 0 = no Relationship definition/fields 1 = from FROM_ENTITYID to TO_ENTITYID 2 = to FROM_ENTITYID from TO_ENTITYID 3 = bidirectional - ROLE1 will define From and ROLE2 will define To.
HASCREATEEDIT	bit	Whether or not the Relationship table has Create/Edit User and Date fields.
HASDETAILS	bit	Whether or not the Relationship table has a details (RTF) field.
ISCUSTOM	bit	Whether or not the Relationship was User-created.

Column(s) of "TBL_SYSLOCALCOLUMN" Table		
Name	Datatype	Comment
COLUMNNAME	nvarchar(64)	PRIMARY KEY. A physical name of a column or setting in the database.
LOCALNAME	nvarchar(64)	The string to localize the COLUMNNAME to.

Column(s) of "TBL_SYSLOCALMESSAGE" Table		
Name	Datatype	Comment
MESSAGEKEY	varchar(64)	PRIMARY KEY.
MESSAGESTRING	nvarchar(2000)	

Column(s) of "TBL_SYSOPERATOR" Table		
Name	Datatype	Comment
OPERATORID	tinyint	PRIMARY KEY.
NAME	nvarchar(32)	The logical and displayed name of the Operator to the User/application. This is non-technical such as 'Equal To', not '='. The technical representation is stored in the OPERATORSQL field of SYSDOMAIN_SYSOPERATOR.
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_SYSTABLE" Table		
Name	Datatype	Comment
TABLEID	uniqueidentifier	Primary Key.
TABLENAME	nvarchar(32)	UNIQUE enforcement. A static value representing the PHYSICAL name of the table in the RDBMS.
DISPLAYNAME	nvarchar(64)	UNIQUE enforcement. The localized name displayed to the User. Can be changed by the User in Define Fields.
TABLEDOMAINID	tinyint	ALTERNATE KEY. Foreign Keys from the TBL_SYSTABLEDOMAIN table.
TYPENUM	tinyint	TINYINT enumeration. Represents whether the table is a regular Physical table (playing no specific role) or if it is of another type or role. Values: 0 = Physical Table 1 = Entity 1:1 Spillover Table 2 = Supporting 1:M Table (*Deprecated) 3 = View Table 4 = Entity Base Table 5 = Association Table 6 = Self-Reference Association Table 7 = Type Lookup Table

ISDISPLAYED	bit	BOOLEAN. Behavioral attribute to control whether or not the record is displayed in drop-down lists, etc. in the application. When True (1), the record is displayed.
ISDEFINEFIELD	bit	BOOLEAN. Identifies if the table is available in Define Fields. If the table is false, then all of its TBL_SYSCOLUMN records will be set to false, as well.
ISCUSTOM	bit	BOOLEAN. Represents whether the record has been added by the User. Values: 0 = Non-Custom Table 1 = Custom Table
DESCRIPTION	nvarchar(512)	An optional narrative description of the record.
HASVIRTUALCOLUMNS	bit	Boolean. Controlled internal-use attribute. ACT! will ship with three table which are flattened by virtualizing the columns, one set for each instance of unique Type. This bit is used by the PRC_UPD_TABLECOLUMN stored procedure to maintain this table's columns (SYSCOLUMNS) specially.
CONTAINSVIRTUALS	bit	BOOLEAN. Controlled internal-use attribute. ACT! will ship with three table which are flattened by virtualizing the columns, one set for each instance of unique Type. This bit is used to identify table's which contain the Virtual Columns (TBL_SYSCOLUMNS.TYPENUM (2, 3)).
CONTAINSADDRESS	bit	BOOLEAN. Controlled internal-use attribute. Determines if the table contains Virtual Columns for Address (TBL_ADDRESS).
CONTAINSEMAIL	bit	BOOLEAN. Controlled internal-use attribute. Determines if the table contains Virtual Columns for Email (TBL_EMAIL).
CONTAINSPHONE	bit	BOOLEAN. Controlled internal-use attribute. Determines if the table contains Virtual Columns for Phone (TBL_PHONE).
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.
CREATEDATE	datetime	Date and Time the record was created.
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.
EDITDATE	datetime	Date and Time that the record was last edited.

Column(s) of "TBL_SYSTABLEDOMAIN" Table		
Name	Datatype	Comment
TABLEDOMAINGUID	uniqueidentifier	PRIMARY KEY.
TABLEDOMAINID	tinyint	ALTERNATE KEY. Foreign Keys from the TBL_SYSTABLE table.
NAME	nvarchar(64)	Domain Name.
DESCRIPTION	nvarchar(128)	Optional description of the Domain.
ENTITYID	uniqueidentifier	PRIMARY KEY.

Column(s) of "TBL_SYSTABLEKEY" Table		
Name	Datatype	Comment
TABLEKEYID	uniqueidentifier	Primary Key.
TABLEID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Tables record.
KEYTYPE	nchar(2)	A system field, controlled two-character value to indicate the record type: PK = Primary Key AK = Alternate Key (UNIQUE CONSTRAINT) IE - Inversion Entry Index

		IF - Foreign Key Index DU - Duplicate Checking (non-database)
ISKEY	bit	Boolean. Indicates if this record (type) is a key or not. KEYTYPE values of PK and AK should always be True.
ISCUSTOM	bit	Boolean. When True, the record has been added by the User post-installation. It is a custom key or index.
ISREMOVEABLE	bit	Boolean. Behavioral attribute to protect certain desired records. For example, Primary and Alternate Keys should always be True. Indexes, depending upon their definition, may be True or False.
NUMCOLUMNS	tinyint	Mandatory integer field; the number of columns/fields which make-up this key (whether an Index or Key Constraint). This value is used by the database objects to create and maintain the child table SYSTABLEKEY_SYSCOLUMN.
NAME	nvarchar(64)	The physical name of the key or index. This is a controlled value by the application and the User cannot change this value.
DISPLAYNAME	nvarchar(64)	The friendly name of the record which is displayed to the User. The naming conventions are Inversion Entry plus a number, Foreign Key plus a number, Primary Key, Alternate Key plus a number, Duplicate Checking
SQLTEXT	nvarchar(256)	Optional. Supports the ability to dynamically DROP and (re)CREATE Unique Constraints and any Indexes during field definition change in Define Fields. Only set as needed. It will contain the SQL DDL to generate the exact object including the clustered/non-clustered and fillfactor properties.

Column(s) of "TBL_SYSTABLEKEY_SYSCOLUMN" Table		
Name	Datatype	Comment
TABLEKEYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Tables record.
COLUMNID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Columns record.
ORDINAL	smallint	The integer position of the column within the Key record (SYSTABLEKEY).

Column(s) of "TBL_SYSTABLERELATION" Table		
Name	Datatype	Comment
CHILDTABLE	nvarchar(32)	PRIMARY KEY.
CHILDCOLUMN	nvarchar(32)	PRIMARY KEY.
JOINTYPE	varchar(16)	
PARENTTABLE	nvarchar(32)	
PARENTCOLUMN	nvarchar(32)	
PARENTKEYTYPE	char(2)	
CHILDRULE	varchar(16)	
PARENTRULE	varchar(16)	
RELATIONID	uniqueidentifier	

Column(s) of "TBL_SYSVALUE" Table		
Name	Datatype	Comment
VALUEID	tinyint	PRIMARY KEY.
NAME	nvarchar(32)	The logical displayed name to the User and application. An example of this would be 'Today'.

DESCRIPTION	nvarchar(128)	An optional narrative description of the record.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_SYSVALUEUSAGE" Table		
Name	Datatype	Comment
DOMAINID	tinyint	PRIMARY KEY.
OPERATORID	tinyint	PRIMARY KEY.
VALUEID	tinyint	PRIMARY KEY.

Column(s) of "TBL_TEAM" Table		
Name	Datatype	Comment
DESCRIPTION	nvarchar(128)	An optional narrative description for the record.
ISSYSTEM	bit	BOOLEAN. Used to identify special system and non-removeable, non-manageable Team records. Values: 0 = Not a System Team 1 = System Team Examples of System Teams include the 'Administrators' and 'Everyone' Teams.
ISDISPLAYED	bit	BOOLEAN. Used to determine which Team records to display in forms, dialog, etc. Values: 0 = do not display 1 = display Generally this value will always be true (1) - an exception is the 'Administrators' Team.

Column(s) of "TBL_TEAM_USER" Table		
Name	Datatype	Comment
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd.
CREATEUSERID	uniqueidentifier	
CREATEDATE	datetime	Date and Time the record was created.

Column(s) of "TBL_USER" Table		
Name	Datatype	Comment
CONTACTID	uniqueidentifier	The PRIMARY KEY for the Contact record. This is required as the My Record information is physically stored in the Contact table (TBL_CONTACT).
ROLEID	uniqueidentifier	Primary Key.
USERLOGIN	nvarchar(128)	This is the LOGIN name/account which a User will type-into the credentials dialog when attempting to connect to the database. This value does not have to match the User's Name (stored in the TBL_CONTACT table).
PASSWORD	nvarchar(50)	Contains the hashed string value of the User's password.
USEPERSONALFILES	bit	BOOLEAN. Determines if the User can use the Personal Supplemental File System (Personal Datastore).
ISVERIFIED	bit	BOOLEAN. Indicates whether the User has been verified via their product Serial Number.
UTC_OFFSET	smallint	Used to support external Reporting (via the ACT! OLE-DB provider). Set by the OLE-DB provider upon connection, contains the UTC off-set (in number of hours, either positive or negative) as determined by the client machine running the application. This is needed as all datetime values in the database are stored as UTC.

ISFORCEPWDCHG	bit	BOOLEAN. Determines if the User will be forced to change his/her password upon subsequent logon to the database. Valid values: 0 = User will not be forced 1 = User will be forced
ISALLOWPWDCHG	bit	BOOLEAN. When true(1), the User is allowed to change their password (or another Admin on their behalf). When false(0), an Administrator is the only one allowed to change the password. When true, the menu option File>Set Password is disabled. Valid values: 0 = User cannot change their password 1 = User can change their password
ISPWDNEVEREXPIRE	bit	BOOLEAN. Toggles setting that if the Password Policy for the database has Expiration on for passwords, that will be ignored for this user. Valid values: 0 = User does not have to change password in accordance with Database Password Policy 1 = User must comply with Database Password Policy, password can expire.
ISPWDCASESENSITIVE	bit	BOOLEAN. Indicates whether the user's password is stored as case-sensitive or not. Valid values: 0 = not case-sensitive 1 = case-sensitive
LAST_LOGONHISTORYID	uniqueidentifier	OPTIONAL - Foreign Key to TBL_LOGONHISTORY. Identifies the record representing the last/current User Logon for the User.
WORKFLOW_ENDPOINT	nvarchar(512)	512 in length to match the configvalue in the database, where this is also stored.

Column(s) of "TBL_USER_DEFAULT_ACL" Table		
Name	Datatype	Comment
ENTITYID	uniqueidentifier	PRIMARY KEY. Foreign Key to the TBL_SYSENTITY table.

Column(s) of "TBL_USER_PERMISSION" Table		
Name	Datatype	Comment
PERMISSIONID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Permission record.

Column(s) of "TBL_VIRTUALRECORDTYPE" Table		
Name	Datatype	Comment
TABLEID	uniqueidentifier	FOREIGN KEY to TBL_SYSTABLE. Business rules will allow for only extensible Entity/table records (Contact, Company, Group). This supports a common type (such as Fax) for a typed record (such as TBL_PHONE) to be made available for one of more Entities/Tables.
TYPEID	uniqueidentifier	FOREIGN KEY to TBL_PICKLISTITEM (PICKLISTITEMID). Business rules will allow for only Picklistitem records to which Recordtype Picklists belong to be in this field. This supports a common type (such as Fax) for a typed record (such as TBL_PHONE) to be made available for one of more Entities/Tables.

Column(s) of "TBL_WORKFLOW_ACTIVITY_CLEARED" Table		
Name	Datatype	Comment
WF_INSTANCEID	uniqueidentifier	

WF_ACTION	tinyint	
WF_CONTEXTID	uniqueidentifier	
PROCESS_DATE	datetime	Date and Time the record was last edited.

Column(s) of "TBL_WORKFLOW_ARCHIVE" Table		
Name	Datatype	Comment
INSTANCEID	uniqueidentifier	
MUTABLE_ENTITYID	uniqueidentifier	
WORKFLOWDEFID	uniqueidentifier	
WORKFLOW_NAME	nvarchar(256)	
ENTITYNAME	nvarchar(64)	
TABLEID	uniqueidentifier	Primary Key.
STATUS	tinyint	Currently, 0 for incomplete, 1 for complete.
STARTDATE	datetime	
ENDDATE	datetime	

Column(s) of "TBL_WORKFLOW_SUBSCRIPTION" Table		
Name	Datatype	Comment
WORKFLOWDEFID	uniqueidentifier	PRIMARY KEY.
OPERATION	nvarchar(4)	C for Create, D for Delete, U for Update, S for Scheduled, Z for Custom
TRIGGER_INSTANCEID	uniqueidentifier	
ENABLEDATE	datetime	

Column(s) of "TBL_WORKFLOWDEF" Table		
Name	Datatype	Comment
WORKFLOWDEFID	uniqueidentifier	PRIMARY KEY.
NAME	nvarchar(256)	Name of the Workflow. Not unique.
DESCRIPTION	nvarchar(1024)	An optional narrative description of the record.
DEFINITION_STRING	nvarchar(max)	Optional. Mutually-exclusive of DEFINITION_BINARY.  Contains the XML representation of the Workflow definition
ENTITYNAME	nvarchar(64)	UNIQUE value. The internal name of the Entity.
ISPRIVATE	bit	Boolean. Identifies if the Workflow record is Private or not.
ISENABLED	bit	
ISCUSTOM	bit	Boolean. System field to identify if the Workflow is ACT!-supplied or user created.
MANAGEUSERID	uniqueidentifier	GUID. Record Manager of the Workflow record.
CREATEUSERID	uniqueidentifier	GUID. Identifies the User who originally created the record.
CREATEDATE	datetime	Date and Time the record was last originally created.
EDITUSERID	uniqueidentifier	GUID. The User who last edited the record.
EDITDATE	datetime	Date and Time the record was last edited.
SERIALIZED_TEMPLATE	varbinary(max)	

Column(s) of "TBL_WORKFLOWDEF_ACL" Table		
Name	Datatype	Comment
WORKFLOWDEFID	uniqueidentifier	PRIMARY KEY.
ROWSOURCE	char(1)	System field denote record source. Valid values: A = Application T = Trigger

**Index****A**

ABL\_ACTIVITYID 17, 19, 20  
ABL\_BACKOFFICE\_RECORDID 20  
ACCESSLEVEL 31, 73  
ACCESSOR\_ACTIVITY\_CLEAREDID 33, 52  
ACCESSOR\_ACTIVITYID 32, 33, 41  
ACCESSORID 33, 41  
ACCESSORLUID 25, 28, 30  
ACT\_COLUMNID 18  
ACT\_ENTITYID 18, 19  
ACT\_RECORDID 18, 19, 53  
ACT\_TABLEID 18  
ACTDATATYPE 74  
ACTIONCODE 19, 25, 26, 27, 29  
ACTIONDATE 25, 26, 27, 28, 29, 30  
ACTIONTYPENUM 53  
ACTIVITYDATE 41  
ACTIVITYID 20, 29, 32, 33, 34, 40, 41, 43, 47, 50, 56  
ACTIVITYPRIORITYGUID 37  
ACTIVITYPRIORITYID 17, 32, 37, 38, 40  
ACTIVITYSERIESAPPLIEDID 34, 38  
ACTIVITYSERIESID 37, 38  
ACTIVITYSERIESITEMID 38  
ACTIVITYTYPEGUID 39  
ACTIVITYTYPEID 17, 34, 38, 39, 40, 52  
ACTUALCLOSEDATE 55  
ADDRESS 48  
ADDRESSID 39  
AEM\_BOUNCEBACK 46  
AEM\_OPTOUT 46  
AL\_ACTIVITYID 40  
ALARMCLEARED\_DATES 33  
ALARMLEADMINUTES 17, 40  
ALARMSNOOZEID 41  
ALARMSNOOZETIME 41  
ALIASNAME 69  
ALLOWDATATYPECHANGE 71  
AMOUNT 21  
ANCHOROFFSET 38  
ANCHOROFFSETPERIOD 38  
APPDATATYPE 74  
APPLICATION 31  
APPLICATION\_NAME 17  
APPLICATIONNAME 54  
APPLICATIONVERSION 54  
APPLYDATE 29, 30  
APPNAME 40  
ATTACHMENT\_ACCESS 27  
ATTACHMENTID 41

**B**

BACKOFFICE\_RECORDID 18  
BACKOFFICEFIELD 40  
BACKOFFICEHASH 40  
BACKOFFICEID 40

BACKOFFICETYPENUM 40  
 BACKOFFICEVALUE 40  
 BANNERCOLOR 17, 33, 38, 40  
 BASECOLUMNID 68  
 BIRTHDATE 46  
 BUSINESS\_COLUMNID 18  
 BUSINESS\_ENTITY\_TYPE 18, 19  
 BUSINESS\_FIELD\_DISPLAY 18  
 BUSINESS\_FIELD\_LENGTH 18  
 BUSINESS\_FIELD\_NAME 18  
 BUSINESS\_IS\_READONLY 18  
 BUSINESS\_PHONE 64  
 BUSINESS\_RECORD\_TYPE 18  
 BUSINESS\_STATIC\_MAP 18

**C**

CALCCOLUMNID 68  
 CALCDEFINITION 71  
 CALCDISPLAY 71  
 CALENDARDATE 20, 21  
 CALENDARLEVEL 33  
 CATEGORY 42, 45  
 CHILDCOLUMN 79  
 CHILDRULE 79  
 CHILDTABLE 79  
 CITY 20, 39  
 CLEARED\_DATE 33  
 CLEARED\_DATES 33  
 CLEAR\_TYPENUM 52  
 CLIENT\_IPADDRESS 54  
 CLIENT\_MACHINE 54  
 CLIENT\_USERNAME 54  
 CLOSEREASON 55  
 CLUSTERID 53  
 CODE 61  
 COLOR 64  
 COLUMNID 23, 24, 25, 31, 44, 51, 59, 68, 69, 73, 79  
 COLUMNLUID 25, 30  
 COLUMNNAME 18, 23, 24, 69, 77  
 COLUMNVALUE 30  
 COMPANY\_COLUMNID 44  
 COMPANYID 20, 21, 29, 39, 42, 43, 44, 45, 48, 58  
 COMPANYNAME 20, 45, 64  
 COMPANYQUERYID 44  
 COMPETITOR 55  
 COMPLETEDSCOPEID 31  
 CONFIGVALUE 21  
 CONFIGXML 17, 18  
 CONFLICTRULE1 65  
 CONFLICTRULE2 65  
 CONNECTION\_STRING 17  
 CONNECTIONID 47  
 CONNECTOR\_ENTITYID 17, 18, 19  
 CONNECTORID 17  
 CONNECTORTYPEID 17, 18  
 CONNECTSTRING 40  
 CONSTANTNAME 73  
 CONSTANTVALUE 74

CONTACT\_COLUMNID 44  
 CONTACT1ROLE 47  
 CONTACT2ROLE 47  
 CONTACTID 20, 27, 29, 39, 40, 43, 45, 46, 47, 48, 50, 58, 63, 64, 68, 80  
 CONTACTID1 47  
 CONTACTID2 47  
 CONTACTNAME 20  
 CONTACTQUERYTEXT 42, 49, 67  
 CONTACTSOCIALMEDIAID 47  
 CONTACTWEBADDRESS 45  
 CONTAINSADDRESS 78  
 CONTAINSEMAIL 78  
 CONTAINSPHONE 78  
 CONTAINSVIRTUALS 78  
 CONTEXTID 31  
 COUNT 20, 21  
 COUNTRYCODE 58  
 COUNTRYID 47, 58  
 COUNTRYNAME 20, 39  
 CREATEDATE 19, 20, 22, 31, 32, 33, 37, 38, 39, 40, 43, 44, 46, 47, 48, 49, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 66, 67, 69, 73, 74, 76, 77, 78, 80, 82  
 CREATEUSERID 19, 22, 33, 37, 38, 39, 44, 47, 48, 53, 55, 57, 58, 59, 60, 61, 62, 63, 64, 66, 67, 69, 73, 74, 76, 77, 78, 80, 82  
 CTL\_ABL\_ACTIVITY 7, 17  
 CTL\_ABL\_CONNECTOR 7, 17  
 CTL\_ABL\_CONNECTOR\_ACCESSORCONFIG 7, 17  
 CTL\_ABL\_CONNECTOR\_ENTITY 7, 17  
 CTL\_ABL\_CONNECTOR\_ENTITYSCHEMA 7, 18  
 CTL\_ABL\_CONNECTORTYPE 7, 18  
 CTL\_ABL\_DEPENDENT 7, 18  
 CTL\_ABL\_FIELD 7, 18  
 CTL\_ABL\_LINK 7, 18  
 CTL\_ABL\_LINK\_DEPENDENT 7, 19  
 CTL\_ABL\_LINKREMAP 7, 19  
 CTL\_ABL\_MASTERQUEUE\_INPUT 7, 19  
 CTL\_ABL\_MASTERQUEUE\_OUTPUT 7, 19  
 CTL\_ABL\_MASTERQUEUE\_PREFILTER 7, 19  
 CTL\_ABL\_SCHEDULEDFOR 7, 19  
 CTL\_ACTIVITY\_ABL\_ACTIVITY 7, 19  
 CTL\_BI\_CALENDARDATE\_DIM 7, 20  
 CTL\_BI\_COMPANY\_DIM 7, 20  
 CTL\_BI\_CONTACT\_DIM 7, 20  
 CTL\_BI\_GEOGRAPHY\_DIM 7, 20  
 CTL\_BI\_GROUP\_DIM 7, 20  
 CTL\_BI\_HISTORY\_FACT 7, 20  
 CTL\_BI\_HISTORYTYPE\_DIM 8, 20  
 CTL\_BI\_INDUSTRY\_DIM 8, 21  
 CTL\_BI\_OPPORTUNITY\_DIM 8, 21  
 CTL\_BI\_OPPORTUNITY\_FACT 8, 21  
 CTL\_BI\_OPPORTUNITYSTATUS\_DIM 8, 21  
 CTL\_BI\_USER\_DIM 8, 21  
 CTL\_DBCONFIG 8, 21  
 CTL\_EVENTLOG 8, 22  
 CTL\_EVENTLOGDETAIL 8, 22  
 CTL\_LOCALSTRING 8, 22  
 CTL\_OLEDBFUNCTION 8, 22  
 CTL\_OLEDBFUNCTION\_SYSCOLUMN 8, 23  
 CTL\_OLEDBVIEW 8, 23

CTL\_OLEDBVIEW\_DERIVEDCOLUMN 8, 23  
 CTL\_OLEDBVIEW\_JOINDATA 8, 23  
 CTL\_OLEDBVIEW\_KEYINDEX 8, 23  
 CTL\_OLEDBVIEW\_KEYINDEX\_SYSCOLUMN 8, 24  
 CTL\_OLEDBVIEW\_OLEDBFUNCTION 8, 24  
 CTL\_OLEDBVIEW\_PROVIDERVERVIEW 8, 24  
 CTL\_PROVIDERVERVIEW 8, 24  
 CTL\_SYNC\_DEVICETABLE 9, 24  
 CTL\_SYNC\_INITIALIZE\_ROWDATA 9, 25  
 CTL\_SYNC\_INITIALIZE\_ROWSCHEMA 9, 25  
 CTL\_SYNCACCESSOR 9, 25  
 CTL\_SYNCCOLUMN 9, 25  
 CTL\_SYNCADB 9, 25  
 CTL\_SYNCADBMAP 9, 25  
 CTL\_SYNCADBMAP\_ROWCOMPLETED 9, 25  
 CTL\_SYNCADBMAP\_ROWDATA 9, 26  
 CTL\_SYNCADBMAP\_ROWEXCEPTION 9, 26  
 CTL\_SYNCADBMAP\_ROWFILE 9, 26  
 CTL\_SYNCADBMAP\_ROWSCHEMA 9, 26  
 CTL\_SYNCADBMAP\_SESSION 9, 27  
 CTL\_SYNCADBMAP\_SESSIONROW 9, 27  
 CTL\_SYNCADBMAPINFO 9, 27  
 CTL\_SYNCADBMAPINFO\_HISTORY 9, 28  
 CTL\_SYNCROW\_ADD 9, 28  
 CTL\_SYNCROW\_DELETE 9, 28  
 CTL\_SYNCROW\_EXCEPTION 9, 29  
 CTL\_SYNCROW\_FILE 9, 29  
 CTL\_SYNCROW\_UPDATE 9, 30  
 CTL\_SYNCROW\_UPDATECOLUMN 10, 30  
 CTL\_SYNCSETTYPE 10, 30  
 CTL\_SYNSTABLE 10, 30  
 CTL\_SYNSTABLEORDER 10, 30  
 CTL\_USER\_COLUMNACCESS 10, 31  
 CTL\_USERCOLUMN\_CHANGED\_TRIGGER 10, 31  
 CTL\_USERPASSWORD\_RESET 10, 31  
 CTL\_USERSESSION 10, 31  
 CTL\_WF\_COMPLETEDSCOPE 10, 31  
 CTL\_WF\_INSTANCESTATE 10, 31

## D

DATABASEID 65  
 DATABASENAME 54, 65  
 DATABASESERVER 54  
 DATAMAPPINGID 40  
 DATATYPEID 23, 59, 70, 74  
 DATECHANGED 64  
 DAYOFWEEK 20  
 DAYSINSTAGE 56  
 DAYSOPEN 55  
 DB\_ERRORNUM 29  
 DBCONFIGID 21  
 DECIMALPRECISION 70, 74  
 DEFAULTVALUE 71  
 DEFINITION 41  
 DEFINITION\_STRING 82  
 DELETED\_DATES 37  
 DELETEDATE 64  
 DELETEUSERID 64

DEPARTMENT 45  
 DEPENDENTID 18, 19  
 DEPENDID 57  
 DESCRIPTION 22, 23, 24, 30, 37, 38, 39, 42, 48, 49, 52, 55, 57, 59, 60, 61, 62, 63, 66, 67, 73, 74, 75, 77, 78, 80, 82  
 DETAILDATE 22  
 DETAILS 22, 29, 35, 47, 52, 53  
 DEVICE\_SERIALNUM 66  
 DISCOUNTPRICE 62  
 DISCOUNTTYPE 62  
 DISCOUNTTYPENUM 61  
 DISPLAYDATE 54  
 DISPLAYNAME 21, 23, 24, 41, 48, 57, 62, 63, 69, 75, 77, 79  
 DIVISION 42  
 DOMAINID 74, 80  
 DRIVERACTIVITYTYPE 17, 40  
 DURATION 20, 34, 38, 52

**E**

EDITDATE 22, 31, 32, 33, 34, 37, 38, 39, 43, 44, 46, 47, 48, 49, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 66, 67,  
 73, 74, 78, 82  
 EDITUSERID 22, 33, 34, 37, 38, 39, 44, 47, 48, 53, 54, 55, 57, 58, 59, 60, 61, 62, 63, 66, 67, 73, 74, 78, 82  
 EMAILID 48  
 ENABLEDATE 82  
 ENDDATE 82  
 ENDTIME 34, 52  
 ENTITYID 18, 19, 53, 75, 76, 78, 81  
 ENTITYNAME 82  
 ESTIMATEDCLOSEDATE 55  
 EVENTDATE 22  
 EVENTLOGID 22  
 EVENTLOGTYPEID 22, 48  
 EVENTONCHANGE 72  
 EVENTONFOCUS 72  
 EVENTONLOSTFOCUS 72  
 EVENTSOURCE 22  
 EVENTUSERID 22  
 EXECUTEID 48  
 EXPIREACTION 65  
 EXPIREDAYS 65  
 EXTENDEDAMT 62  
 EXTENDEDTYPENUM 66  
 EXTENSIONS 48  
 EXTERNALID 35, 40, 53

**F**

FEATURESETID 48, 57, 75  
 FIELDFORMAT 71  
 FILEHASH 29  
 FILEID 29  
 FILENAME 26, 29, 41  
 FILEPATH 41  
 FIRSTNAME 45, 64  
 FOLDERID 26, 29, 48  
 FROM\_CARDINALITY 76  
 FROM\_ENTITYID 76  
 FRONTOFFICEFIELD 40  
 FRONTOFFICEHASH 40  
 FRONTOFFICETYPENUM 40

FRONTOFFICEVALUE 41  
FULLNAME 45, 64  
FUNCTIONCOLUMN 23  
FUNCTIONID 23, 24  
FUNCTIONNAME 23

## G

GEOGRAPHYID 20, 21  
GROSSMARGIN 21  
GROSSMARGINAMT 56  
GROUPID 20, 29, 39, 48, 49, 50, 51, 58  
GROUPNAME 20  
GROUPQUERYID 51

## H

HASCREATEEDIT 77  
HASDETAILS 77  
HASSUBCOMPANY 42  
HASSUBGROUP 49  
HASVIRTUALCOLUMNS 78  
HIERLEVEL 42, 49  
HIERPATH 42, 49  
HISTORYID 29, 41, 43, 47, 50, 51, 57  
HISTORYTYPEGROUPGUID 53  
HISTORYTYPEGROUPID 53  
HISTORYTYPEGROUPNAME 21  
HISTORYTYPEGUID 52  
HISTORYTYPEID 20, 51, 52  
HISTORYTYPENAME 20  
HISTORYTYPESUPERGROUPGUID 53  
HISTORYTYPESUPERGROUPID 53  
HISTORYTYPESUPERGROUPNAME 21  
HOSTNAME 31

## I

IMPORT\_HISTORYID 53  
IMPORTDATE 43, 46, 49, 56  
INDUSTRY 42  
INDUSTRYID 21  
INDUSTRYNAME 21  
INFO 31  
INSTANCEID 82  
INSTANCESTATEID 31  
INSTANTMSGID 46  
ISACKNOWLEDGED 32  
ISACTIVE 37, 39, 44, 52, 55, 58, 60  
ISALARMED 17, 32, 38, 40  
ISALLOWBLANK 70  
ISALLOWHISTORYEDIT 75  
ISALLOWPWDCHG 81  
ISALLUSERSYNC 67  
ISATTACHSYNC 66  
ISAUTOINSERT 59  
ISBANNER 32  
ISBASERECORD 32  
ISBLOCKED 31  
ISCOPIED 22  
ISCURRENTDRIVER 40

ISCUSTOM 39, 44, 48, 52, 55, 58, 60, 66, 69, 75, 77, 78, 79, 82  
ISDEFAULT 52, 58  
ISDEFINFIELD 69, 75, 78  
ISDELETED 36  
ISDISPLAYED 23, 69, 75, 78, 80  
ISEDITLIST 59  
ISENABLED 82  
ISENABLEDUPCHK 75  
ISENTITYFIELDS 18  
ISEVENT 35  
ISEXPIRED 65  
ISFAVORITE 46  
ISFORCEPWDCHG 81  
ISIMPORTED 45  
ISINCLUDEATTACH 66  
ISINVITATIONSENT 37  
ISKEY 79  
ISLENGTHFIXED 74  
ISLIMITTOLIST 59  
ISMANDATORY 44  
ISMEMBER 44, 50  
ISMULTISELECT 59  
ISNOWEEKENDS 38  
ISNULLABLE 70, 74  
ISPRIMARY 70  
ISPRIMARYFUNCTION 24  
ISPRIMARYLINK 40  
ISPRIMARYTABLE 76  
ISPRIVATE 34, 38, 42, 45, 49, 51, 54, 55, 64, 82  
ISPRIVILEGED 48  
ISPROTECTED 70  
ISPWDCASESENSITIVE 81  
ISPWDNEVEREXPIRE 81  
ISREQUIREENDLESS 36  
ISREMOVEABLE 70, 79  
ISREPLAY 27, 28  
ISREQUIRED 22  
ISRESIZEABLE 70  
ISSELECTED 17, 40  
ISSERIALIZED 60  
ISSHOWDESC 60  
ISSUPPFILESYNC 66  
ISSYNCENABLED 40  
ISSYSTEM 80  
ISTIMELESS 34, 38  
ISTRACKED 70  
ISTYPEAHEAD 60  
ISUNLOCKED 31  
ISUSER 45  
ISUSERRECORDABLE 52  
ISVERIFIED 80  
ISVIEWCOLUMN 23  
ITEMCODE 61  
ITEMTYPE 61

**J**

JOBTITLE 45  
JOINTYPE 23, 79

**K**

KEYINDEXID 23, 24  
 KEYINDEXNAME 24  
 KEYINDEXTYPE 24  
 KEYTYPE 78

**L**

LAGDAYS 17, 40  
 LAST\_ADDSYNCROWID 27, 28  
 LAST\_ATTEMPTDATE 27, 28  
 LAST\_COMPLETEDATE 27, 28  
 LAST\_DELSYNCROWID 27, 28  
 LAST\_LOGONHISTORYID 81  
 LAST\_RESULT 27, 28  
 LAST\_SESSIONID 27, 28  
 LAST\_SNAPSHOTDATE 27, 28  
 LAST\_SUCCESSDATE 27, 28  
 LAST\_UPDSENDDATE 27, 28  
 LASTATTEMPTDATE 46  
 LASTEMAILDATE 46  
 LASTLETTERDATE 46  
 LASTMEETDATE 45  
 LASTNAME 45, 64  
 LASTREACHDATE 45  
 LASTRESULTS 46  
 LATITUDE 46  
 LEADMINUTES 32, 38  
 LEFTPAREN 44, 51, 68  
 LENGTH 70  
 LENGTHDEFAULT 74  
 LENGTHMAX 74  
 LINE1 39  
 LINE2 39  
 LINE3 39  
 LINKDRIVERCLSID 40, 41  
 LINKID 18, 19, 40  
 LOCALNAME 77  
 LOCALSTRINGID 22  
 LOCATION 34  
 LOGICALOPERATOR 44, 51, 68  
 LOGIN\_TIME 31  
 LOGOFFDATE 54  
 LOGONDATE 54  
 LOGONHISTORYID 54  
 LONGITUDE 46

**M**

MACHINENAME 41  
 MANAGEUSERID 38, 64, 67, 82  
 MASTERACTIVITYID 35  
 MAXATTACHBYTES 66  
 MESSAGEKEY 77  
 MESSAGESTRING 77  
 MIDDLENAME 45  
 MIN\_COLUMNLENGTH 71  
 MONTH 20  
 MUTABLE\_ENTITYID 82

**N**

NAME 17, 18, 21, 30, 32, 37, 38, 39, 42, 47, 48, 49, 52, 53, 55, 57, 59, 60, 61, 62, 63, 66, 67, 74, 75, 77, 78, 79, 82  
 NAMEPREFIX 45  
 NAMESUFFIX 45  
 NEWVALUE 22  
 NEXT\_ADDSYNCROWID 27, 28  
 NEXT\_DELSYNCROWID 27, 28  
 NEXT\_UPDSENDDATE 27, 28  
 NEXTTIMER 32  
 NOTEID 29, 41, 43, 47, 50, 54, 57  
 NOTETEXT 54  
 NOTETYPEGUID 55  
 NOTETYPEID 54, 55  
 NUM\_ACTIVEMEMBER 27  
 NUM\_DELETEDMEMBER 27  
 NUM\_DELETEDROW 27  
 NUM\_NEWMEMBER 27  
 NUM\_NEWROW 27  
 NUMBERDISPLAY 58  
 NUMBERVALUE 58  
 NUMCOLUMNS 79  
 NUMEMPLOYEES 42  
 NUMTYPE 66  
 NUMVALUE 67

**O**

OBJECTBINARYVALUE 34, 60  
 OBJECTSTRINGVALUE 34, 60  
 OLDVALUE 22  
 OLEDBNAME 73  
 OLEDBTYPENUM 73  
 OPENDATE 55  
 OPERATION 82  
 OPERATORID 44, 51, 68, 74, 77, 80  
 OPERATORSQL 75  
 OPPORTUNITYID 20, 21, 29, 39, 44, 47, 48, 50, 55, 56, 57, 58, 64  
 OPPORTUNITYNAME 21  
 OPPORTUNITYSTATUSID 21  
 OPPORTUNITYSTATUSNAME 21  
 OPPQUERYTEXT 42, 49  
 ORDINAL 18, 24, 25, 26, 31, 37, 44, 51, 63, 68, 70, 79  
 ORGANIZEUSERID 17, 40  
 ORIG\_CREATEDATE 66  
 ORIGIN\_SYNCDBID 27, 28, 29, 30  
 ORIGINALTIME 34  
 OWNEDUNTIL 32  
 OWNERID 31

**P**

PARENT\_JOINCOLUMN 23  
 PARENT\_VIEWNAME 23  
 PARENTACTIVITYID 35  
 PARENTCOLUMN 79  
 PARENTCOMPANYID 42  
 PARENTGROUPID 49  
 PARENTKEYTYPE 79  
 PARENTRULE 79

PARENTTABLE 79  
 PASSWORD 57, 80  
 PASSWORDHISTORYID 57  
 PATH 48  
 PERMISSIONID 57, 62, 81  
 PHONEID 58  
 PHONEMASK 58  
 PHONEMASKID 58  
 PHYDATATYPE 74  
 PICKLISTID 58, 59, 60  
 PICKLISTITEMID 60  
 PICTURE 61  
 PING\_TIME 31  
 POSTALCODE 39  
 PREFERENCEID 34, 60  
 PRIMARYKEY\_NAME 24  
 PRIOR\_ACT\_RECORDID 19  
 PROBABILITYPCT 56, 63  
 PROCESS\_DATE 82  
 PROCESSID 60, 63  
 PRODUCTID 61  
 PRODUCTSERVICEID 57, 61  
 PROFILEID 33  
 PROVIDER\_VIEWNAME 24  
 PUB\_SYNCDBGUID 65  
 PUBDBID 25

**Q**

QUANTITY 61  
 QUARTER 20  
 QUERYVALUE 17, 40  
 QUERYVERSIONID 42, 44, 49, 51, 67, 68

**R**

RECORDID 31  
 RECORDIDENTIFIER 73  
 RECORDTYPE 19  
 RECURDAY 36  
 RECURDAYTYPE 36  
 RECURENDDATE 36  
 RECURFREQ 35  
 RECURMODIFIER 35  
 RECURMONTH 36  
 RECURPERIOD 35  
 RECURSOURCEACTIVITYID 35  
 RECV\_ADDSYNCROWID 27, 28  
 RECV\_ATTEMPTDATE 27, 28  
 RECV\_COMPLETEDATE 27, 28  
 RECV\_DELSYNCROWID 27, 28  
 RECV\_RESULT 27, 28  
 RECV\_SESSIONID 27, 28  
 RECV\_SUCCESSDATE 27, 28  
 RECV\_UPDDATE 27, 28  
 REF\_JOINCOLUMN 72  
 REF\_REALCOLUMN 72  
 REF\_REALCOLUMNID 72  
 REF\_ROWEXCEPTIONID 29  
 REF\_TYPECOLUMN 72

REF\_TYPEID 72  
 REFERREDBY 42, 46  
 REGARDING 17, 34, 38, 40, 52  
 REGARDING\_PICKLISTID 39  
 REGION 42  
 RELATIONID 79  
 RESETID 31  
 REVENUE 42  
 RIGHTPAREN 44, 51, 68  
 ROLEID 62, 80  
 ROLETYPENUM 77  
 ROWEXCEPTIONID 26, 29  
 ROWID 19  
 ROWID1 25, 26, 28, 29, 30  
 ROWID2 25, 26, 28, 29, 30  
 ROWID3 25, 26, 28, 29, 30  
 ROWINFO 29  
 ROWSOURCE 33, 43, 46, 50, 56, 80, 82  
 ROWTIMESTAMP 19  
 RUNCOUNT 48

## S

SALUTATION 45  
 SECONDARYID 63  
 SECTION 21, 48  
 SERIALIZED\_TEMPLATE 82  
 SERIALNUMBER 63  
 SERIALNUMBERID 63  
 SERVERNAME 65  
 SESSIONDATE 27  
 SESSIONID 27, 29  
 SETTING 41  
 SETTINGID 34, 63  
 SETTINGSTRINGVALUE 34, 63  
 SETTINGVALUE 41  
 SICCODE 42  
 SOCIALMEDIAID 47, 63  
 SOURCE 47, 55  
 SOURCE\_DATABASEID 53  
 SOURCEID 48, 53  
 SOURCENUM 35  
 SPOUSENAME 46  
 SQLTEXT 79  
 SQLUSER 22  
 STAGE\_HISTORYID 64  
 STAGEFROMID 64  
 STAGEID 55, 63, 64  
 STAGESTARTDATE 56  
 STAGETOID 64  
 STARTDATE 82  
 STARTTIME 34, 51  
 STATE 31, 39  
 STATEMENT 48  
 STATEORPROVINCE 20  
 STATUS 19, 25, 26, 27, 56, 82  
 STATUSEXCEPTION\_DATES 33  
 STATUSNUM 22, 27, 29, 31, 32, 33, 54, 55, 65  
 STORAGEBYTES 74

STRINGKEY 22  
 STRINGVALUE 22  
 SUBDATE 68  
 SUBDBGUID 68  
 SUBDBID 25  
 SUBSOURCE 68  
 SUBSTATUS 68  
 SUBUSERID 68  
 SUFFIX 58  
 SYNC\_SERVER\_MACHINE\_NAME 65  
 SYNC\_SERVER\_PORT 65  
 SYNC\_USER 27  
 SYNCDB\_TYPENUM 24  
 SYNCDBGUID 17, 25, 65, 66  
 SYNCDBID 25  
 SYNCDBMAPID 25, 26, 27, 28, 29  
 SYNCDBMAPINFO\_HISTORYID 28  
 SYNCDBTYPEID 66  
 SYNCEXTENDEDDEDATA\_TYPEID 67  
 SYNCEXTENDEDDEDATAID 66, 67  
 SYNCROWID 25, 26, 28, 29, 30  
 SYNCSETID 65, 67, 68  
 SYNCSETQUERYID 68  
 SYNCTYPENUM 73

**T**

TABLEDOMAINGUID 78  
 TABLEDOMAINID 77, 78  
 TABLEID 30, 69, 76, 77, 78, 81, 82  
 TABLEKEYID 78, 79  
 TABLELUID 24, 25, 26, 28, 29, 30  
 TABLENAME 18, 23, 30, 49, 77  
 TABLESEGMENT 30  
 TBL\_ACCESSOR 10, 32  
 TBL\_ACCESSOR\_ACTIVITY 10, 32  
 TBL\_ACCESSOR\_ACTIVITY\_CLEARED 10, 33  
 TBL\_ACCESSOR\_AEMPROFILE 10, 33  
 TBL\_ACCESSOR\_DELEGATE 10, 33  
 TBL\_ACCESSOR\_PREFERENCE 10, 33  
 TBL\_ACCESSOR\_SETTING 10, 34  
 TBL\_ACTIVITY 10, 34  
 TBL\_ACTIVITYPRIORITY 11, 37  
 TBL\_ACTIVITYSERIES 11, 37  
 TBL\_ACTIVITYSERIESAPPLIED 11, 38  
 TBL\_ACTIVITYSERIESITEM 11, 38  
 TBL\_ACTIVITYTYPE 11, 39  
 TBL\_ADDRESS 11, 39  
 TBL\_AL\_ACTIVITY 11, 40  
 TBL\_AL\_ACTIVITY\_EXTERNALID 11, 40  
 TBL\_AL\_DATAMAPPING 11, 40  
 TBL\_AL\_DRIVERCONFIG 11, 40  
 TBL\_AL\_LINK 11, 40  
 TBL\_AL\_SCHEDULEDFOR 11, 40  
 TBL\_AL\_SYNCDATA 11, 40  
 TBL\_AL\_USERSETTING 11, 41  
 TBL\_ALARMSNOOZE 11, 41  
 TBL\_ANALYTICS\_VIEW\_DEFINITION 11, 41  
 TBL\_ATTACHMENT 11, 41

TBL\_COMPANY 11, 42  
 TBL\_COMPANY\_ACL 11, 43  
 TBL\_COMPANY\_ACTIVITY 11, 43  
 TBL\_COMPANY\_CONTACT 11, 43  
 TBL\_COMPANY\_HISTORY 11, 43  
 TBL\_COMPANY\_NOTE 11, 43  
 TBL\_COMPANY\_OPPORTUNITY 12, 43  
 TBL\_COMPANYCONTACT\_MAP 12, 44  
 TBL\_COMPANYQUERY 12, 44  
 TBL\_CONTACT 12, 45  
 TBL\_CONTACT\_ACL 12, 46  
 TBL\_CONTACT\_ACTIVITY 12, 46  
 TBL\_CONTACT\_CONTACT 12, 47  
 TBL\_CONTACT\_HISTORY 12, 47  
 TBL\_CONTACT\_NOTE 12, 47  
 TBL\_CONTACT\_OPPORTUNITY 12, 47  
 TBL\_CONTACT\_SOCIALMEDIA 12, 47  
 TBL\_CONTACT\_SOURCE 12, 47  
 TBL\_COUNTRY 12, 47  
 TBL\_EMAIL 12, 48  
 TBL\_EVENTLOGTYPE 12, 48  
 TBL\_EXECUTE 12, 48  
 TBL\_EXTERNALMAP\_SOURCE 12, 48  
 TBL\_FEATURESET 12, 48  
 TBL\_FOLDER 12, 48  
 TBL\_GROUP 12, 49  
 TBL\_GROUP\_ACL 12, 49  
 TBL\_GROUP\_ACTIVITY 12, 50  
 TBL\_GROUP\_CONTACT 12, 50  
 TBL\_GROUP\_HISTORY 13, 50  
 TBL\_GROUP\_NOTE 13, 50  
 TBL\_GROUP\_OPPORTUNITY 13, 50  
 TBL\_GROUPQUERY 13, 51  
 TBL\_HISTORY 13, 51  
 TBL\_HISTORYTYPE 13, 52  
 TBL\_HISTORYTYPE\_GROUP 13, 53  
 TBL\_HISTORYTYPE\_SUPERGROUP 13, 53  
 TBL\_IMPORT\_HISTORY 13, 53  
 TBL\_IMPORT\_HISTORYITEM 13, 53  
 TBL\_LOGONHISTORY 13, 54  
 TBL\_NOTE 13, 54  
 TBL\_NOTETYPE 13, 55  
 TBL\_OPPORTUNITY 13, 55  
 TBL\_OPPORTUNITY\_ACL 13, 56  
 TBL\_OPPORTUNITY\_ACTIVITY 13, 56  
 TBL\_OPPORTUNITY\_HISTORY 13, 56  
 TBL\_OPPORTUNITY\_NOTE 13, 57  
 TBL\_OPPORTUNITY\_PRODUCTSERVICE 13, 57  
 TBL\_PASSWORDHISTORY 13, 57  
 TBL\_PERMISSION 13, 57  
 TBL\_PERMISSION\_DEPEND 13, 57  
 TBL\_PHONE 13, 58  
 TBL\_PHONEMASK 14, 58  
 TBL\_PICKLIST 14, 58  
 TBL\_PICKLIST\_SYSCOLUMN 14, 59  
 TBL\_PICKLISTITEM 14, 60  
 TBL\_PREFERENCE 14, 60  
 TBL\_PROCESS 14, 60

TBL\_PRODUCT 14, 61  
 TBL\_PRODUCTSERVICE 14, 61  
 TBL\_RESOURCE 14, 62  
 TBL\_ROLE 14, 62  
 TBL\_ROLE\_PERMISSION 14, 62  
 TBL\_SECONDARY 14, 63  
 TBL\_SERIALNUMBER 14, 63  
 TBL\_SETTING 14, 63  
 TBL\_SOCIALMEDIA 14, 63  
 TBL\_STAGE 14, 63  
 TBL\_STAGE\_COLOR 14, 63  
 TBL\_STAGE\_HISTORY 14, 64  
 TBL\_SYNCCONTACT 14, 64  
 TBL\_SYNCCONTACT\_ACL 15, 64  
 TBL\_SYNCADB 15, 65  
 TBL\_SYNCADBTYP 15, 66  
 TBL\_SYNCEXTENDEDDEDATA 15, 66  
 TBL\_SYNCEXTENDEDDEDATA\_TYPE 15, 67  
 TBL\_SYNCSET 15, 67  
 TBL\_SYNCSET\_ACCESSOR 15, 67  
 TBL\_SYNCSETQUERY 15, 68  
 TBL\_SYNCSSUBSCRIPTION 15, 68  
 TBL\_SYSCALCCOLUMN 15, 68  
 TBL\_SYSCOLUMN 15, 69  
 TBL\_SYSCOLUMN\_ACL 15, 73  
 TBL\_SYSCONSTANT 15, 73  
 TBL\_SYSDATATYPE 15, 74  
 TBL\_SYSDOMAIN 15, 74  
 TBL\_SYSDOMAIN\_SYSOPERATOR 15, 74  
 TBL\_SYSENTITY 15, 75  
 TBL\_SYSENTITY\_SYSTABLE 16, 76  
 TBL\_SYSENTITYRELATION 16, 76  
 TBL\_SYSLOCALCOLUMN 16, 77  
 TBL\_SYSLOCALMESSAGE 16, 77  
 TBL\_SYSOPERATOR 16, 77  
 TBL\_SYSTABLE 16, 77  
 TBL\_SYSTABLEDOMAIN 16, 78  
 TBL\_SYSTABLEKEY 16, 78  
 TBL\_SYSTABLEKEY\_SYSCOLUMN 16, 79  
 TBL\_SYSTABLERELATION 16, 79  
 TBL\_SYSVALUE 16, 79  
 TBL\_SYSVALUEUSAGE 16, 80  
 TBL\_TEAM 16, 80  
 TBL\_TEAM\_USER 16, 80  
 TBL\_USER 16, 80  
 TBL\_USER\_ACCESSOR\_ENUM 16  
 TBL\_USER\_DEFAULT\_ACL 16, 81  
 TBL\_USER\_PERMISSION 16, 81  
 TBL\_VIRTUALRECORDTYPE 16, 81  
 TBL\_WORKFLOW\_ACTIVITY\_CLEARED 17, 81  
 TBL\_WORKFLOW\_ARCHIVE 17, 82  
 TBL\_WORKFLOW\_SUBSCRIPTION 17, 82  
 TBL\_WORKFLOWDEF 17, 82  
 TBL\_WORKFLOWDEF\_ACL 17, 82  
 TERRITORY 42  
 TICKERSYMBOL 42  
 TO\_CARDINALITY 76  
 TO\_ENTITYID 76

TOTALEXTENDEDAMT 55  
 TRANSACTIONXMLDATA 19  
 TRIGGER\_INSTANCEID 82  
 TYPE 61  
 TYPEID 29, 39, 48, 58, 67, 81  
 TYPEIMAGE 39  
 TYPENUM 30, 32, 45, 57, 58, 62, 66, 67, 69, 75, 77  
 TZ\_BIAS 37  
 TZ\_DAYLIGHT\_BIAS 37  
 TZ\_DAYLIGHT\_DAY 37  
 TZ\_DAYLIGHT\_DOW 37  
 TZ\_DAYLIGHT\_HOUR 37  
 TZ\_DAYLIGHT\_MINUTE 37  
 TZ\_DAYLIGHT\_MONTH 37  
 TZ\_STANDARD\_BIAS 37  
 TZ\_STANDARD\_DAY 37  
 TZ\_STANDARD\_DOW 37  
 TZ\_STANDARD\_HOUR 37  
 TZ\_STANDARD\_MINUTE 37  
 TZ\_STANDARD\_MONTH 37

**U**

UNITCOST 61  
 UNITDISCOUNT 61  
 UNITOFISSUE 61  
 UNITPRICE 61  
 UPDATETYPE 72  
 USEPERSONALFILES 80  
 USER1 46, 56  
 USER10 46  
 USER2 46, 56  
 USER3 46, 56  
 USER4 46, 56  
 USER5 46, 56  
 USER6 46, 56  
 USER7 46, 56  
 USER8 46, 56  
 USER9 46  
 USERACCOUNTID 47  
 USERID 20, 21  
 USERLOGIN 80  
 USERNAME 21  
 USERSESSIONID 31  
 USERSETTINGID 41  
 UTC\_OFFSET 80

**V**

VALIDACCESSLEVELS 71  
 VALIDATION 22  
 VALUEID 79, 80  
 VALUEID1 45, 51, 68  
 VALUEID2 45, 51, 68  
 VALUESTRING1 45, 51, 68  
 VALUESTRING2 45, 51, 68  
 VALUETYPE 22  
 VIEW\_JOINCOLUMN 23  
 VIEWNAME 23, 24

**W**

WEB\_SERVER\_ADDRESS 65  
WEBADDRESS 42  
WEIGHTEDAMT 56, 64  
WF\_ACTION 82  
WF\_CONTEXTID 37, 82  
WF\_INSTANCEID 37, 81  
WORKFLOW\_ENDPOINT 81  
WORKFLOW\_NAME 82  
WORKFLOWDEFID 41, 82

**Y**

YEAR 20

**Z**

ZIPORPOSTALCODE 20