Report Writer Tables

One of the keys to writing custom reports and forms in Titan Report Writer is knowing which tables contain the information needed. There are over three hundred tables in the Titan database. But only a few of them are used to create the majority of Report Writer reports or forms users might want. More advance users may also want to view data using the SQL Tool. Here are the most commonly used tables.

Note that in the Titan database one table may be associated with one or more other tables because of a “one-to-many” relationship. For example, the order (OE) table is associated with the order detail (OEDET) which contains separate records for each line on the order.

Once a table is opened in either Report Writer or the SQL Tool, the table fields containing specific data will be listed alphabetically. Data field names for fields on an interface screen can sometimes be determined by hovering the cursor over the field and pressing ctrl-F1, though not all fields and screens permit this. It may be necessary to exit a screen and reenter it to get multiple field names. The convention for identifying tables and fields is TABLE.FIELD, e.g., ITEM.COST or CUST.CREDITLMT.

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| ACCT | Contains the chart of accounts records including their identifier (ACCT), description (DESC), and their beginning balances (BEGDR, BEGCR). |
| ACCTSUM | This table and the GLHIST table are rebuilt every time the Financial Report Preparation is run. Any reports run off of these tables will only be as accurate as the last Preparation. ACCTSUM contains a single record with relevant amounts (balances and YTD amounts) for each account.  |
| ADLOT | Maintains a single record for total quantities available for each item/lot combination. |
| ADLOTACT | Keeps individual records of each transaction that affects specific Item/Lot combinations. |
| ADSTAXJ | For each sales tax (TAXAUTH) record there can be multiple jurisdiction records in this table. Each jurisdiction is a separate record. |
| AGING | This table is rebuilt every time the AR Aging Report is run. It contains the aged balances for each customer. Any reports run using it, including statement forms, will only be as accurate as the last run of the Aging Report. |
| AP | This is the master table for all accounts payable transactions. |
| APAGING | Is rebuilt every time the AP Aging Report is run. It contains a record for each vendor with the amounts in each aging period. Reports using this table are only as accurate as the last AP Aging Report run. |
| AR | This is the master table for all accounts receivable transactions. |
| ARBILLTO | Has a record for each bill-to address other than the customer’s primary address. Customers with multiple bill-to addresses will have multiple records. |
| ASSEMBLY | This table lists a separate record for each item that is part of an assembled item (BOM).  |
| BUDGET | Contains the budgeted amounts for each GL account |
| CUST | The customer master record table. |
| CUSTHIST | The History tab in the Edit Customer program is built from this table. It contains one record for each year a customer has been invoiced. If a customer purchased goods in each of the last ten years then there will be ten records for that customer. Each record contains separate fields for each calendar month and the total for that year. |
| CUSTUDEF | Contains the customer’s the additional fifteen user defined fields. Fields are named UDEF1, UDEF2, etc., not the label names that appear on the Edit Customer Additional Info tab.  |
| GL | Contains all GL transactions |
| GLHIST | Contains one record per historical period for each GL account |
| IP | Contains all purchase orders and receipt information |
| IPASDET | Lists a separate record for each component item in a BOM build. |
| IPASWORK | Lists a record for each BOM build order. |
| IPDET | Contains the line items for purchase orders in the IP table. |
| IPITMCUS | The item/customer cross reference table from the Edit Customers Items tab and Edit Items Customers tabs. Contains one record for each item and customer connected. |
| IPITMVND | The item/vendor table. This table lists a separate record for each vendor on the Vendors tab of Edit Items.  |
| IPQTYDSC | The item quantity discount table has a separate record for each item break row in the quantity discount/unit of measure setup grid on Edit Item>Pricing tab. Items may also have unique setups for any price list they are assigned to, which is identified in the PRICECD field. |
| IPRCPTS | Contains a separate record for each line item on a purchase receipt. |
| IPRHDR | Contains the header record for each purchase receiver. |
| IPSERNUM | The serial number transaction activity table maintains a record for each transaction that affects an item serial numbers. |
| ITEM | The item master table. There are numerous associated tables include ITEMDET, ITEMACT, ITEMCOST, IPITMCUS, IPITMVND, and ITEMHIST. |
| ITEMACT | Contains a separate record for every change that affects an item’s inventory quantity including sales, receipts, adjustments, and changes to the inventory type (stock or non-stock.) |
| ITEMCOST | This table is used to maintain the records necessary to calculate layered inventory values. For each items there are separate records for each receipt and its cost on that receipt. As inventory is sold the quantity in either the oldest (FIFO) receipt, or newest (LIFO) receipt, is reduced until it is completely depleted. |
| ITEMDET | Contains item quantity data by item warehouse location. Used to display data on the Edit Items Status Qty sub-tab grid. |
| ITEMHIST | The History tab in the Edit Items program is built from this table. It contains one record for each year an item has been invoiced. If an item was sold in each of the last ten years then there will be ten records for that item. Each record contains separate fields for each calendar month and the total for that year. |
| ITEMUDEF | Contains the item’s fifteen additional user defined fields for each item. Fields are named UDEF1, UDEF2, etc., not the label names that appear on the Edit Item Additional tab. |
| KITS | Contains the list of each item that makes up a kit and the quantity of each. If a kit contains ten components there will be ten records. Kits are identified by the ITEM.KITNO in the item table, not the kit number shown in Edit Kits.  |
| LOSTSALES | If the Track Lost Sales Details option is selected in System Defaults (OE>Switches>General) a record for each lost sale event is retained in this table. |
| OE | Contains the header records for all order entry transactions including invoices, orders, and quotes. |
| OEDET | Contains separate records for each line item on transactions in the OE table. |
| PRICELST | Price list records with a separate record for each item contained in a list and its associated price levels. If there are five lists on file and each one contains ten items, there will be fifty records. |
| SERIALNO | This table lists one record for each item serial number.  |
| SHIPTO | Contains separate records for each ship-to address for each customer. |
| TAXAUTH | Contains list of tax authorities and the sales tax rates for each. Individual tax jurisdictions associated with a tax authority are found in the ADSTAXJ table. |
| VEND | Vendor master record table. |

Here are the tables most frequently used in specific types of reports:

Financial Reports – ACCT, ACCTSUM, AR, AGING, AP, APAGING, GL, GLHIST, BUDGET, ITEMCOST

Sales Analysis – CUST, CUSTHIST, CUSTUDEF, ITEM, ITEMHIST, ITEMUDEF, OE, OEDET

Inventory Management – ITEM, ITEMHIST, ITEMUDEF, ITEMACT, ITEMDET