

Inventory Control Tables

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stiinvtr - inventory item table

item_code char(20),	- uniq code to identify given item
item_type char(1),	- item type: [S]-stock, [N]-non-stock currently, all item type will be stock we will not store non-stock items. non-stock history will be kept at the PO and OE modules.
item_class char(6),	- product class (used for reporting and item grouping)
price_group char(6),	- group items for price discount. (.iX group_pricing in oe)
desc1 char(30),	- item description line 1
desc2 char(30),	- item description line 2
weight decimal(8,3),	- weight of item
weight_unit char(2),	- weight unit lable - "OZ", "LB" note: all items should be defined with the same unit lable. there are currently no conversion program to associate the different lables.
volume decimal(8,3),	- volume of unit
inv_acct_no integer,	- inventory asset account number
cog_acct_no integer,	- cost of good account number
sales_acct_no integer,	- sales account number
sell_unit char(2),	- selling unit lable - "BX", "CT", "EA"
bill_unit char(2),	- billing unit lable - "BX", "CT", "EA"
stock_unit char(2),	- stocking unit lable - "BX", "CT", "EA"
purch_unit char(2),	- purchase unit lable - "BX", "CT", "EA"
sell_factor decimal(6),	- selling unit / stocking unit
bill_factor decimal(6),	- billing unit / stocking unit
purch_factor decimal(6)	- purchase unit / stocking unit
serialized char(1),	- serialized? []-null for non-serial [S]-serial control [L]-lot control [B]-both lot and serial
market_price char(1)	- subject to market price. this field will let oe change the price at the shipment phase.
commodity_code char(10)	- reference only: standardized federal or state code.
vend_code char(20),	
incr_sell_unit decimal(10),	
incr_purch_unit decimal(10),	
comm_code char(6)	- Commission Code
type_it char(1),	- BOM Columns

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prod_type_it char(1),
abc_code_it char(1),
product_it char(3),
acctcd_it char(13),
department_it char(3),
low_level_it smallint,
revision_level_it char(3),
num_eng_change_it char(6),
date_eng_change_it date,
eng_drawing_it char(15),
bill_chng_date_it date,
rout_chng_date_it date,
standard_cost_it decimal(14,4),
date_last_cost_it date,
order_policy_it char(1),
cur_order_qty_it decimal(10),
eoq_order_qty_it decimal(10),
min_order_qty_it decimal(10),
max_order_qty_it decimal(10),
mult_order_qty_it decimal(10),
safety_stock_it decimal(10),
shrinkage_it decimal(10),
planner_it char(5),
buyer_it char(5),
component_count_it smallint,
routing_count_it smallint,
mfg_alloc_qty_it decimal(10),
mfg_order_qty_it decimal(10),
loc_control_it char(1),
fifo_control_it char(1),
lot_control_it char(1),
serial_control_it char(1),
group_it char(3),
cost_method_it char(3),
cur_suhr_std_it decimal(10),
cur_runhr_std_it decimal(10),
cur_machr_std_it decimal(10),
mrp_interval_it char(1),
issue_method_it char(1),
phantom_it char(1),
cur_last_roll_it date,
days_supply_it smallint,
mrp_qty_work_it decimal(10,3),
mfg_sched_rcp_it decimal(10,3),
cost_roll_sts_it smallint,
est_annual_usg_it decimal(10,3),
master_schedule_it char(1),
mps_group_it char(15),
mps_interval_it char(2),
interval_ofst_it smallint,
auto_rsc_build_it char(1),
rough_rsc_id_it char(10),
rough_conv_it decimal(8,4),

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demand_source_it char(1),
forecast_it char(1),
fcst_group_it char(15),
fcst_interval_it char(2),
qty_or_amount_it char(1),
default_bom_it char(5),
default_rtg_it char(5),
last_rsc_gen_it date,
rev_prod_lt_it decimal(12,6),
fix_prod_lt_it decimal(12,6),
var_prod_lt_it decimal(12,6),
cumulative_lt_it decimal(12,6),
auto_msg_prod_it char(6),
pur_rel_type_it char(1),
configurable_it char(1),
config_group_it char(15)
upc_code char(15)          - UPC Code
disc1 decimal(14,4),      - Price Level
disc2 decimal(14,4),      - Price Level
disc3 decimal(14,4),      - Price Level
disc4 decimal(14,4),      - Price Level
disc5 decimal(14,4),      - Price Level
handling_fee decimal(8,4), - Handling Fee
special_order char(1),    - Special Order
uom_list_code char(10)    - UOM List Code
ext_desc varchar(255),    - Ext Description
fmd_required char(1),     - RoHS Compliance
mfg_name char(25),        - Mfg Name
mfg_item char(25),        - Mfg Item
rohs_compliant char(1),   - RoHS Compliance
warr_days smallint        - Warranty Days

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stistatd - inventory period statistic table

This is the table used for calculating Usage Rate. It is also use to summarize the purchase and sales of the item/warehouse for a given period.

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item_code char(20),        - item code
warehouse_code char(10),   - warehouse code
period smallint,          - period
yr smallint,              - year
cost decimal(14,4),        - total actual purchase cost
sale decimal(12),          - total actual sales amount
cqty decimal(10),         - total actual purchase qty
sqty decimal(10),         - total actual sales qty
usage_rate decimal(10),    - obsolete, rate will be calculated in
                           stilocar
day_ostk smallint,        - days in the period out of stock
num_stk_outs smallint,    - number of stock outs for this given
                           period

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dup_sqty decimal(10), - obsolete/renamed to dup_recurr_usage
recurr_usage decimal(10), - usage that is defined as recurring
dup_recurr_usage decimal(10) - if this is null, then the usage rate
is calculated off of the
recurr_usage.
This is the field that the user will
enter a value into if user
interaction is required.

mfg_alloc_qty_iw decimal(10,3), - BOM Columns
standard_cost_iw decimal(14,4),
mfg_sched_rcp_iw decimal(10,3),
type_iw char(1),
acctcd_iw char(13),
department_iw char(3),
stock_uom_iw char(2),
prod_type_iw char(1),
lead_time_iw smallint,
cuml_lead_time_iw smallint,
planner_iw char(5),
buyer_iw char(5),
order_policy_iw char(1),
cur_order_qty_iw decimal(10,3),
eoq_order_qty_iw decimal(10,3),
min_order_qty_iw decimal(10,3),
max_order_qty_iw decimal(10,3),
mult_order_qty_iw decimal(10,3),
safety_stock_iw decimal(10,3),
days_supply_iw smallint,
mrp_qty_work_iw decimal(10,3),
cost_method_iw char(3),
tl_mtl_std_iw decimal(11),
tl_labor_std_iw decimal(11),
tl_setup_std_iw decimal(11),
tl_ovh_std_iw decimal(11),
tl_outs_std_iw decimal(11),
ll_mtl_std_iw decimal(11),
ll_labor_std_iw decimal(11),
ll_setup_std_iw decimal(11),
ll_ovh_std_iw decimal(11),
ll_outs_std_iw decimal(11),
default_bom_iw char(5),
default_rtg_iw char(5),
issue_method_iw char(1),
mrp_interval_iw char(1),
est_annual_usg_iw decimal(10,3),
shrinkage_iw decimal(8,4),
master_schedule_iw char(1),
mps_group_iw char(15),
mps_interval_iw char(2),
interval_ofst_iw smallint,
auto_rsc_build_iw char(1),
rough_rsc_id_iw char(10),
rough_conv_iw decimal(8,4),

```

demand_source_iw char(1),
forecast_iw char(1),
fcst_group_iw char(15),
fcst_interval_iw char(2),
qty_or_amount_iw char(1),
last_rsc_gen_iw date,
rev_prod_lt_iw decimal(12,6),
fix_prod_lt_iw decimal(12,6),
var_prod_lt_iw decimal(12,6),
cumulative_lt_iw decimal(12,6),
pur_rel_type_iw char(1),
mrp_chg_flag_iw char(1),
configurable_iw char(1),
config_group_iw char(15),
prod_line_iw char(5),
loc_control_iw char(1),
lot_control_iw char(1),
serial_control_iw char(1),
fifo_control_iw char(1),
serial_auto_iw char(1),
next_serial_iw decimal(10,0),
lot_auto_iw char(1),
next_lot_iw decimal(10,0)

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sticntrc - inventory control table

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item_type char(1),      - default item type: [S]-stock [N]-non stock
item_class char(3),    - default item product class
inv_acct_no integer,   - default inventory asset account number
sales_acct_no integer, - default sales account number
cog_acct_no integer,   - default cost of goods number
adj_acct_no integer,   - default adjustment account number
count_acct_no integer, - default count adjustment account number
count_cycle char(1),   - default count cycle code
comm_code char(6),     - default commission code
allow_bo char(1),      - default to allow backorder
taxable char(1),       - default to tax on item
terms_disc char(1),    - default to take terms discount
trade_disc char(1),    - default to take trade discount
ic_setup_done char(1), - inventory setup complete flag
doc_no integer,        - inventory transaction document number
post_no integer,       - inventory transaction posting number
use_department char(1) - use warehouse department for asset accounts
cost_method            - cost method "F"=FIFO "L"=LIFO "A"=Average
ilocar_ina_days        - inactive days
ilocar_ret_days        - retention days
class1                 - ABC analysis class 1 type percent
class2                 - ABC analysis class 2 type percent
class3                 - ABC analysis class 3 type percent
class4                 - ABC analysis class 4 type percent
class5                 - ABC analysis class 5 type percent
class6                 - ABC analysis class 6 type percent
class7                 - ABC analysis class 7 type percent

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class8 - ABC analysis class 8 type percent
class9 - ABC analysis class 9 type percent
class10 - ABC analysis class 10 type percent
class11 - ABC analysis class 11 type percent
class12 - ABC analysis class 12 type percent
class13 - minimum \$ amount for inclusion in class
use_batch_adj char(1), - Use Batch control in IC Adjustment
use_approve_post char(1) - Use Post Approval Code
approval_code char(8) - Approval Code
auto_serialize char(1), - Auto Serialization
next_ser_num integer, - Next Serial number
serl_prefix char(20), - Serial Prefix
serl_suffix char(20); - Serial Suffix
disp_item_notes char(1)- Display Item Notes
handling_acct_no integer - Special Handling Charges
pref_bcno char(2), - Prefix Barcode
auto_post_trf char(1), - Auto Post Transfer
auto_post_adj char(1), - Auto Post Adjustment
ticket_print char(1), - Ticket Print
transfer_print char(1), - Transfer Print
auto_post_tsf char(1), - Auto Post Transfer
auto_post_adj_d char(1), - Auto Post Adjustment
auto_post_tsf_d char(1) - Auto Post Transfer

stipurce - purchase/receive inventory entry header table

doc_no serial, - document number
doc_date date, - document date
po_no char(20), - purchase order number
purch_desc char(30), - purchase description
vend_code char(20), - vendor code
ok_post char(1) - ok to post flag

stipurcd - purchase/receive inventory entry detail table

doc_no integer, - document number
line_no smallint, - line number
item_code char(20), - item code
warehouse_code char(10), - warehouse code
purch_qty decimal(10), - purchase quantity in purchase units
purch_unit_cost decimal(14,4) - purchase unit cost
purch_factor decimal(6) - purchase factor

stiselle - sale/shipped inventory entry table

doc_no serial, - document number
doc_date date, - document date
order_no char(20), - order number
sell_desc char(30), - sale description
cust_code char(20), - customer code
ok_post char(1) - ok to post flag

stiselld - sale/shipped inventory detail table

doc_no integer,	- document number
line_no smallint,	- line number
item_code char(20),	- item code
warehouse_code char(10),	- warehouse code
sell_qty decimal(10),	- quantity sold/shipped in selling units
price decimal(14,4),	- selling price per selling unit
sell_factor decimal(6)	- sell factor
is_recurr char(1)	- is this transaction recurring

stitrane - inventory transfer entry table

doc_no serial,	- document number
doc_date date,	- document date
tran_no char(10),	- transfer number
tran_desc char(30),	- transfer description
ok_post char(1),	- ok to post flag
from_wh char(10),	- default from warehouse
to_wh char(10),	- default to warehouse
eta_date date,	- eta date
freight_amt decimal(12,2),	- \$ to ship between warehouses
freight_acct integer,	- GL account
freight_dept char(3)	- GL department

stitrans - inventory transfer detail table

doc_no integer,	- document number
line_no smallint,	- line number
item_code char(20),	- item code
from_wh char(3),	- from warehouse
to_wh char(3),	- to warehouse
tran_qty decimal(10),	- transfer quantity
is_recurr char(1),	- is this transaction a recurring
unit_cost decimal(14,4)	- transferred from stilocar avg_unit_cost

sticadje - count adjustment header table

doc_no serial not null,	- document number
doc_date date,	- document date
count_desc char(30),	- description
count_acct integer,	- count adjustment account number
ok_post char(1),	- ok to post
blind char(1),	- "B"lind count, "C"ycle count
warehouse_code char(10),	- warehouse location
l_mod_date date,	- last modification date
l_mod_time char(8),	- last modification time
l_mod_id char(8),	- last modification user
orig_journal char(2),	- drill down reference
trans_doc_no integer,	- drill down reference
posted char(1)	

index i2sticadje on sticadje(orig_journal, trans_doc_no)

sticadjd - count adjustment detail table

doc_no integer,	- document number
page_no integer,	- page number
line_no smallint,	- line number
item_code char(20),	- item code
qty_on_hand decimal(10),	- quantity on hand
adj_qty decimal(10),	- adjusted quantity
l_mod_date date,	- last modification date
l_mod_time char(8),	- last modification time
l_mod_id char(8),	- last modification user
warehouse_code char(10)	- warehouse code

stilocar - main inventory location record

several of the fields here are for Replenishment Control Module

item_code char(20),	- main key field
warehouse_code char(10),	- warehouse location
line_no smallint,	- no longer used
count_cycle char(1),	- count cycle
purchase_date date,	- last purchase date
count_date date,	- last count date
sold_date date,	- last sold date
obsolete char(1),	- is this item obsolete?
inactive_date date,	- inactive date
lst_act_date date,	- last active date
loc_aisle char(4),	- aisle in warehouse
loc_row char(3),	- row in warehouse
loc_bin char(3),	- bin in warehouse
stock_location char(12),	- combination of above three fields
avg_unit_cost decimal(14,4),	- average unit cost - you can enter cost when you initially setup item. Then it is system maintained.
purch_unit_cost decimal(14,4),	- purchase unit cost
last_cost decimal(14,4),	- last purchase cost
comm_code char(6),	- commodity code
price decimal(14,4),	- list selling price
allow_bo char(1),	- can this item go on backorder?
taxable char(1),	- is this item taxable?
terms_disc char(1),	- subject to terms discount?
trade_disc char(1),	- subject to trade discount?
vend_code char(20),	- vendor code NOT used by PO
vend_prod_no char(20),	- vendor's description
abc_code char(1),	- ABC code
reorder_point decimal(10),	- reorder point(used with Replenishment Module)
qty_reorder decimal(10),	- quantity to reorder
safety_stock decimal(10),	- safety stock
safety_factor decimal(6),	- safety factor
qty_on_hand decimal(10),	- quantity on hand
last_qty decimal(10),	- last quantity

stk_out_date date,	- date of last stock out
seasonal char(1),	- is this a seasonal item?
avg_ld_tm decimal(5,2),	- average lead time
lst_ld_tm smallint,	- last lead time
pri_ld_tm smallint,	- previous lead time
freez_flag char(1),	- freeze flag
freez_date date,	- freeze start date
freez_expir date,	- freeze expiration date
min_sell_qty decimal(10),	- minimum sell quantity
usage_rate decimal(10),	- computed from the stistatd record. it is the average usage for a given period. if the user overrides this field, the must use the freeze flag to retain this value, otherwise, the monthly usage calculation program will override this field each month.
req_profit_pct decimal(6)	- price margin warning
mfg_alloc_qty_iw decimal(10,3),	
standard_cost_iw decimal(11),	
mfg_sched_rcp_iw decimal(10,3),	
type_iw char(1),	
acctcd_iw char(13),	
department_iw char(3),	
stock_uom_iw char(2),	
prod_type_iw char(1),	
lead_time_iw smallint,	
cuml_lead_time_iw smallint,	
planner_iw char(5),	
buyer_iw char(5),	
order_policy_iw char(1),	
cur_order_qty_iw decimal(10,3),	
eoq_order_qty_iw decimal(10,3),	
min_order_qty_iw decimal(10,3),	
max_order_qty_iw decimal(10,3),	
mult_order_qty_iw decimal(10,3),	
safety_stock_iw decimal(10,3),	
days_supply_iw smallint,	
mrp_qty_work_iw decimal(10,3),	
cost_method_iw char(3),	
default_bom_iw char(5),	
default_rtg_iw char(5),	
issue_method_iw char(1),	
mrp_interval_iw char(1),	
est_annual_usg_iw decimal(10,3),	
shrinkage_iw decimal(8,4),	
master_schedule_iw char(1),	
mps_group_iw char(15),	
mps_interval_iw char(2),	
interval_ofst_iw smallint,	
auto_rsc_build_iw char(1),	
rough_rsc_id_iw char(10),	
rough_conv_iw decimal(8,4),	

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demand_source_iw char(1),
forecast_iw char(1),
fcst_group_iw char(15),
fcst_interval_iw char(2),
qty_or_amount_iw char(1),
last_rsc_gen_iw date,
rev_prod_lt_iw decimal(12,6),
fix_prod_lt_iw decimal(12,6),
var_prod_lt_iw decimal(12,6),
cumulative_lt_iw decimal(12,6),
pur_rel_type_iw char(1),
mrp_chg_flag_iw char(1),
configurable_iw char(1),
config_group_iw char(15),
prod_line_iw char(5),
loc_control_iw char(1),
lot_control_iw char(1),
serial_control_iw char(1),
fifo_control_iw char(1),
serial_auto_iw char(1),
next_serial_iw decimal(10,0),
lot_auto_iw char(1),
next_lot_iw decimal(10,0),
primary_bin char(15),           - Primary Bin Location
secondary_bin char(15)         - Secondary Bin Location
date_added date,              - Date Added (RL Calculation)
added_by char(8)               - Added By (RL Calculation)

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stiinvtr - inventory item code header

```

item_code char(20),           - key field
item_type char(1),           - Stock or Non stock
item_class char(6),          - item class
price_group char(6),         - price group
desc1 char(30),              - item description
desc2 char(30),              - item description
weight decimal(8,3),         - weight of the item
weight_unit char(2),         - weight unit (LB,KG,OZ,etc)
volume decimal(8,3),         - volume
inv_acct_no integer,         - inventory account number
cog_acct_no integer,         - cost of goods account number
sales_acct_no integer,       - sales account number
sell_unit char(2),           - selling unit
bill_unit char(2),           - billing unit
stock_unit char(2),          - stocking unit
purch_unit char(2),          - purchasing unit
sell_factor decimal(6),      - sell conversion factor
bill_factor decimal(6),      - billing conversion factor
purch_factor decimal(6),     - purchasing conversion factor
serialized char(1),          - serialized, lot, or both.
market_price char(1),        - charge market price for this item?
commodity_code char(10),     - commodity code

```

vend_code char(20)	- vendor code
incr_sell_unit decimal(10),	- incr. sell unit
incr_purch_unit decimal(10)	- incr. purchase unit
comm_code char(6),	- Commision Code
type_it char(1),	
prod_type_it char(1),	
abc_code_it char(1),	
product_it char(3),	
acctcd_it char(13),	
department_it char(3),	
low_level_it smallint,	
revision_level_it char(3),	
num_eng_change_it char(6),	
date_eng_change_it date,	
eng_drawing_it char(15),	
bill_chng_date_it date,	
rout_chng_date_it date,	
standard_cost_it decimal(11),	
date_last_cost_it date,	
order_policy_it char(1),	
cur_order_qty_it decimal(10),	
eoq_order_qty_it decimal(10),	
min_order_qty_it decimal(10),	
max_order_qty_it decimal(10),	
mult_order_qty_it decimal(10),	
safety_stock_it decimal(10),	
shrinkage_it decimal(10),	
planner_it char(5),	
buyer_it char(5),	
component_count_it smallint,	
routing_count_it smallint,	
mfg_alloc_qty_it decimal(10),	
mfg_order_qty_it decimal(10),	
loc_control_it char(1),	
fifo_control_it char(1),	
lot_control_it char(1),	
serial_control_it char(1),	
group_it char(3),	
cost_method_it char(3),	
cur_suhr_std_it decimal(10),	
cur_runhr_std_it decimal(10),	
cur_machr_std_it decimal(10),	
mrp_interval_it char(1),	
issue_method_it char(1),	
phantom_it char(1),	
cur_last_roll_it date,	
days_supply_it smallint,	
mrp_qty_work_it decimal(10,3),	
mfg_sched_rcp_it decimal(10,3),	
cost_roll_sts_it smallint,	
est_annual_usg_it decimal(10,3),	
master_schedule_it char(1),	
mps_group_it char(15),	

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mps_interval_it char(2),
interval_ofst_it smallint,
auto_rsc_build_it char(1),
rough_rsc_id_it char(10),
rough_conv_it decimal(8,4),
demand_source_it char(1),
forecast_it char(1),
fcst_group_it char(15),
fcst_interval_it char(2),
qty_or_amount_it char(1),
default_bom_it char(5),
default_rtg_it char(5),
last_rsc_gen_it date,
rev_prod_lt_it decimal(12,6),
fix_prod_lt_it decimal(12,6),
var_prod_lt_it decimal(12,6),
cumulative_lt_it decimal(12,6),
auto_msg_prod_it char(6),
pur_rel_type_it char(1),
configurable_it char(1),
config_group_it char(15),
td_disc_allowed char(1)           - Tray discount apply for item Y/N
tax char(1)                       - Taxable item? Y/N
upc_code char(15),                - UPC Code
disc1 decimal(14,4),              - Price Level1
disc2 decimal(14,4),              - Price Level2
disc3 decimal(14,4),              - Price Level3
disc4 decimal(14,4),              - Price Level4
disc5 decimal(14,4),              - Price Level5
handling_fee decimal(8,4),         - Handling Charge
special_order char(1),             - Special Order
uom_list_code char(10)             - Add UOM List for multiple units of
measure

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stiadjme - inventory adjustment entry table

```

doc_no serial,                    - document number
doc_date date,                   - document date
adj_no char(10),                 - adjustment number
adj_desc char(30),               - adjustment description
adj_acct integer,                - adjustment account number
ok_post char(1),                 - ok to post flag
orig_journal char(2),            - for drill down reference
trans_doc_no integer,            - for drill down reference
posted char(1)
batch_id integer                  - Batch Id

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index i2stiadjme on stiadjme(orig_journal, trans_doc_no)

stiadjmd - inventory adjustment detail table

```

doc_no integer,                  - document number

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```

line_no smallint,          - line number
item_code char(20),        - item code
warehouse_code char(10),   - warehouse code
adj_qty decimal(10),       - adjustment quantity
adj_cost decimal(14,4)     - adjustment cost
adj_type char(1)           - adjustment type
lot_cost decimal(14,4)     - Lot Cost
qty_on_hand decimal(10)    - Qty on Hand

```

stiarinv - archived inventory items (mirror of stiinvtr)

```

item_code char(20) not null ,
item_type char(1),
item_class char(6),
price_group char(6),
desc1 char(30),
desc2 char(30),
weight decimal(8,3),
weight_unit char(2),
volume decimal(8,3),
inv_acct_no integer,
cog_acct_no integer,
sales_acct_no integer,
sell_unit char(2),
bill_unit char(2),
stock_unit char(2),
purch_unit char(2),
sell_factor decimal(6),
bill_factor decimal(6),
purch_factor decimal(6),
serialized char(1),
market_price char(1),
commodity_code char(10),
vend_code char(20),
incr_sell_unit decimal(10),
incr_purch_unit decimal(10),
last_purchased date,
last_sold date,
last_activity date,
comm_code char(6)
type_it char(1),
prod_type_it char(1),
abc_code_it char(1),
product_it char(3),
acctcd_it char(13),
department_it char(3),
low_level_it smallint,
revision_level_it char(3),
num_eng_change_it char(6),
date_eng_change_it date,
eng_drawing_it char(15),
bill_chng_date_it date,
rout_chng_date_it date,

```

```

standard_cost_it decimal(14,4),
date_last_cost_it date,
order_policy_it char(1),
cur_order_qty_it decimal(10),
eoq_order_qty_it decimal(10),
min_order_qty_it decimal(10),
max_order_qty_it decimal(10),
mult_order_qty_it decimal(10),
safety_stock_it decimal(10),
shrinkage_it decimal(10),
planner_it char(5),
buyer_it char(5),
component_count_it smallint,
routing_count_it smallint,
mfg_alloc_qty_it decimal(10),
mfg_order_qty_it decimal(10),
loc_control_it char(1),
fifo_control_it char(1),
lot_control_it char(1),
serial_control_it char(1),
group_it char(3),
cost_method_it char(3),
cur_suhr_std_it decimal(10),
cur_runhr_std_it decimal(10),
cur_machr_std_it decimal(10),
mrp_interval_it char(1),
issue_method_it char(1),
phantom_it char(1),
cur_last_roll_it date,
days_supply_it smallint,
mrp_qty_work_it decimal(10,3),
mfg_sched_rcp_it decimal(10),
cost_roll_sts_it smallint,
est_annual_usg_it decimal(10,3),
master_schedule_it char(1),
mps_group_it char(15),
mps_interval_it char(2),
interval_ofst_it smallint,
auto_rsc_build_it char(1),
rough_rsc_id_it char(10),
rough_conv_it decimal(8,4),
demand_source_it char(1),
forecast_it char(1),
fcst_group_it char(15),
fcst_interval_it char(2),
qty_or_amount_it char(1),
default_bom_it char(5),
default_rtg_it char(5),
last_rsc_gen_it date,
rev_prod_lt_it decimal(12,6),
fix_prod_lt_it decimal(12,6),
var_prod_lt_it decimal(12,6),
cumulative_lt_it decimal(12,6),

```

```

auto_msg_prod_it char(6),
pur_rel_type_it char(1),
configurable_it char(1),
config_group_it char(15)
upc_code char(15)
disc1 decimal(14,4),
disc2 decimal(14,4),
disc3 decimal(14,4),
disc4 decimal(14,4),
disc5 decimal(14,4)
handling_fee decimal(8,4),
special_order char(1),
ext_desc varchar(255),
fmd_required char(1),
mfg_name char(25),
mfg_item char(25),
rohs_compliant char(1),
warr_days smallint,
uom_list_code char(10),
td_disc_allowed char(1),
tax char(1)

```

```

unique index iliarin on stiarinv (item_code)
index i2iarinv on stiarinv (last_purchased)
index i3iarinv on stiarinv (last_sold)
index i4iarinv on stiarinv (last_activity)

```

stiarloc - archived inventory location record (mirror of stilocar)

```

item_code char(20) not null ,
warehouse_code char(10),
line_no smallint,
count_cycle char(1),
purchase_date date,
count_date date,
sold_date date,
obsolete char(1),
inactive_date date,
lst_act_date date,
loc_aisle char(4),
loc_row char(3),
loc_bin char(3),
stock_location char(12),
avg_unit_cost decimal(14,4),
purch_unit_cost decimal(14,4),
last_cost decimal(14,4),
comm_code char(6),
price decimal(14,4),
allow_bo char(1),
taxable char(1),
terms_disc char(1),
trade_disc char(1),
vend_code char(20),
vend_prod_no char(20),

```

```

abc_code char(1),
reorder_point decimal(10),
qty_reorder decimal(10),
safety_stock decimal(10),
safety_factor decimal(6),
qty_on_hand decimal(10),
last_qty decimal(10),
stk_out_date date,
seasonal char(1),
avg_ld_tm decimal(5,2),
lst_ld_tm smallint,
pri_ld_tm smallint,
freez_flag char(1),
freez_date date,
freez_expir date,
min_sell_qty decimal(10),
usage_rate decimal(10),
req_profit_pct decimal(6)
mfg_alloc_qty_iw decimal(10,3),
standard_cost_iw decimal(14,4),
mfg_sched_rcp_iw decimal(10,3),
type_iw char(1),
acctcd_iw char(13),
department_iw char(3),
stock_uom_iw char(2),
prod_type_iw char(1),
lead_time_iw smallint,
cuml_lead_time_iw smallint,
planner_iw char(5),
buyer_iw char(5),
order_policy_iw char(1),
cur_order_qty_iw decimal(10,3),
eoq_order_qty_iw decimal(10,3),
min_order_qty_iw decimal(10,3),
max_order_qty_iw decimal(10,3),
mult_order_qty_iw decimal(10,3),
safety_stock_iw decimal(10,3),
days_supply_iw smallint,
mrp_qty_work_iw decimal(10,3),
cost_method_iw char(3),
default_bom_iw char(5),
default_rtg_iw char(5),
issue_method_iw char(1),
mrp_interval_iw char(1),
est_annual_usg_iw decimal(10,3),
shrinkage_iw decimal(8,4),
master_schedule_iw char(1),
mps_group_iw char(15),
mps_interval_iw char(2),
interval_ofst_iw smallint,
auto_rsc_build_iw char(1),
rough_rsc_id_iw char(10),
rough_conv_iw decimal(8,4),

```



```

demand_source_iw char(1),
forecast_iw char(1),
fcst_group_iw char(15),
fcst_interval_iw char(2),
qty_or_amount_iw char(1),
last_rsc_gen_iw date,
rev_prod_lt_iw decimal(12,6),
fix_prod_lt_iw decimal(12,6),
var_prod_lt_iw decimal(12,6),
cumulative_lt_iw decimal(12,6),
pur_rel_type_iw char(1),
mrp_chg_flag_iw char(1),
configurable_iw char(1),
config_group_iw char(15),
prod_line_iw char(5),
loc_control_iw char(1),
lot_control_iw char(1),
serial_control_iw char(1),
fifo_control_iw char(1),
serial_auto_iw char(1),
next_serial_iw decimal(10,0),
lot_auto_iw char(1),
next_lot_iw decimal(10,0)
primary_bin char(15),
secondary_bin char(15)
date_added date,
added_by char(8)

```

index iliarioloc on stiarloc (item_code,warehouse_code)

stiiartat - archived inventory item statistics (mirror or stistatd)

```

item_code char(20),
warehouse_code char(10),
period smallint,
yr smallint,
cost decimal(14,4),
sale decimal(12),
cqty decimal(10),
sqty decimal(10),
usage_rate decimal(10),
day_ostk smallint,
num_stk_outs smallint,
dup_sqty decimal(10),
recurr_usage decimal(10),
dup_recurr_usage decimal(10)

```

index iliartat on stiiartat (item_code, warehouse_code)

stiiartat - inventory transaction reference table

```

orig_journal char(2), - originating journal (IC)
doc_no integer,      - document number (unique identifier)

```

```

doc_type char(2),      - document type:          [PU]-purchase/receive,
                        [SH]-sale/shipped,      [TR]-transfer
                        [CT]-count adjustment, [AJ]-adjustment
ref_no char(10)       - transfer reference number

```

stiactvd - inventory transaction activity table

This is the true activity history (see stistatd above). All activity, including transfers, is recorded here. stistatd is a subset of stiactvd.

```

orig_journal char(2), - origination journal (IC)
doc_no integer,      - document number (unique identifier)
line_no smallint,   - line number
item_code char(20), - item code
warehouse_code char(10), - warehouse code
qty decimal(10),    - transaction quantity
cost decimal(14,4), - transaction cost
price decimal(14,4), - transaction price
comm_code char(6),  - transaction commission code
item_class char(3)  - item product class
in_statistics char(1) - transaction used for Usage calculations

```

stiactvv - Inventory Transaction Activity View Table

```

orig_journal      char(2)  -Original Journal
doc_no            integer  -Document Number
post_no          integer  -Post Number
post_date        date     -Post Date
doc_date         date     -Document Date
ref_code         char(20)  -Reference Code
doc_desc         char(30)  -Document Description
doc_type         char(2)   -Document Type
ref_no          char(10)  -Reference Number
line_no         smallint  -Line Number
item_code       char(20)  -Item Code
warehouse_code  char(10)  -Warehouse Code
qty             decimal(10) -Quantity
cost           decimal(12) -Cost

```

```

create view "root".stiactvv (orig_journal,doc_no,post_no,post_date,
doc_date,ref_code,doc_desc,doc_type,ref_no,line_no,item_code,
warehouse_code,qty,cost,price,comm_code,item_class,in_statistics)
as

```

```

select x1.orig_journal ,x1.doc_no ,x1.post_no
,x1.post_date
,x1.doc_date ,x1.ref_code ,x1.doc_desc ,x0.doc_type
,x0.ref_no
,x2.line_no ,x2.item_code ,x2.warehouse_code ,x2.qty
,x2.cost

```

```

,x2.price ,x2.comm_code ,x2.item_class
,x2.in_statistics
from "root".stitrnr x0 ,"root".stxtrnr x1 ,"root".stiactvd x2
where (((x0.doc_no = x1.doc_no ) AND (x0.orig_journal =
x1.orig_journal ) ) AND ((x0.doc_no = x2.doc_no ) AND
(x0.orig_journal = x2.orig_journal

```

sticstvr - inventory control stack table

```

hierarchy_no serial not null , - number given a purchase at a unique
price
item_code char(20), - item code for purchased item
warehouse_code char(10), - warehouse code for storing item
quantity decimal(10), - quantity of item purchased
cost decimal(14,4), - cost per item
vend_code char(20) - vendor code
po_no char(20) - PO number
rec_doc_no integer - Receipt doc number
receipt_date date - Receipt date
recv_qty decimal(10) - Qty received
recv_cost decimal(14,4) - Received Landed Cost

```

stiserla - Serial Audit Table

```

orig_journal char(2),
original journal

doc_no integer,
document number

line_no smallint,
line number

ship_no smallint,
shipment number

lot_no char(20),
lot number

serial_no char(20),
serial number

lot_qty decimal(10),
lot quantity

cost decimal(14,4),
cost

in_out char(3)
in or out

bin_location char(15)
Bin Location

```

stiserld - inventory item serial detail table

item_code char(20),	- inventory item code
warehouse_code char(10),	- warehouse code
seq_no serial not null ,	- sequence number
lot_no char(20),	- lot number
serial_no char(20),	- serial number
lot_qty decimal(10),	- lot quantity
cost decimal(14,4),	- cost
vend_code char(20),	- vendor code
expiry_date date	- Expiry Date
po_no char(20)	- PO number
rec_doc_no integer	- Receipt doc number
receipt_date date	- Receipt date
recv_qty decimal(10)	- Qty received
recv_cost decimal(14,4)	- Received Landed Cost
bin_location char(15)	- Bin Location

stiserle - inventory item serial header table

orig_journal char(2),	- original journal
doc_no integer,	- document number
line_no smallint,	- line number
ship_no smallint,	- shipment number
lot_no char(20),	- lot number
serial_no char(20),	- serial number
lot_qty decimal(10),	- lot quantity
item_code char(20),	- item code
warehouse_code char(10),	- warehouse code
in_out char(3),	- in or out
expiry_date date	- Expiry Date
bin_location char(15)	- Bin Location
cost decimal(14,4),	- Cost
seq_no integer	- Seq_no to join with stiserld

stishipr - This table is not in use

item_code char(20),
intl_prod_class char(5),
prod_ver char(2),
release_date date,
f_ord_date date,
f_ship_date date,
eol_date date,
l_ord_date date,
l_ship_date date,
stop_ship char(1),
stop_ship_start date,
stop_ship_end date,
need_lic char(1)

stitranv

```

create view "root".stitranv
(orig_journal,doc_no,post_no,post_date,doc_date,
                                ref_code,doc_desc,doc_type,ref_no) as
select x1.orig_journal ,x1.doc_no ,x1.post_no ,x1.post_date
      ,x1.doc_date ,x1.ref_code ,x1.doc_desc ,x0.doc_type ,x0.ref_no
from "root".stitranr x0 ,"root".stxtranr x1 where ((x0.orig_journal
= x1.orig_journal ) AND (x0.doc_no = x1.doc_no ) ) ;

```

stihwser - Inventory Warehouse Table

```

whse_code char(10),      - Warehouse Code
description char(30),   - Warehouse Description
department char(3),     - Warehouse Department
address1 char(30),     - Warehouse Address 1
address2 char(30),     - Warehouse Address 2
city char(20),         - Warehouse City
state char(2),         - Warehouse State
zip char(10),          - Warehouse Zip
country char(20),     - Warehouse Country
phone char(20),        - Warehouse Telephone Number
email char(50),        - email address
fax_phone char(20)     - Fax phone number
location_control char(1)- Location Control? Y/N
dflt_rec_loc char(15)  - Default Receiving location

```

stilccat - Landed Cost Category

```

category char(30),      - Category
var_acct_no integer,   - Variance account number
alloc_method char(1)   - Allocation method
                        (C) Cost
                        (W) Weight
                        (V) Volume
                        (Q) Quantity
                        (M) Manual

```

```

unique index ililccat on stilccat(category);

```

stibinlr - Multi Bin reference table

```

warehouse_code char(10), - Warehouse Code
bin_location char(15)    - Bin Location

```

sticadjs - Physical/Cycle count entry via scanner

```

doc_no integer,
line_no smallint,
item_code char(20),
warehouse_code char(10),
bin_location char(12),
serial_no char(20),
lot_no char(20),
expire_date date,
qty_on_hand decimal(10),

```

```

adj_qty decimal(10),
count_qty decimal(10),
l_mod_date date,
l_mod_time char(8),
l_mod_id char(8),
edit_ok char(1),
disposition char(3),
alt_warehouse char(10)
-----
stilocap - MRP Module
  item_code char(20),
  warehouse_code char(10),
  source_type char(1),
  source_id char(20),
  qty_min decimal(10,3),
  qty_max decimal(10,3)
-----
sticommd - Variable commissions rate
  item_code char(20),      - Item Code
  begin_price decimal(14), - Begin Price
  end_price decimal(14),  - End Price
  comm_pct decimal(14)    - Commision Percent
-----
sticrsld - Cross Sells (Deatil)
  item_code char(20),      - Item Code
  line_no smallint,       - Line Number
  cross_item_code char(20) - Cross Item Code
-----
sticrsle - Cross Sells (Header)
  item_code char(20) - Item Code
-----
stiprsle - Sales projection screen (Header)
  item_class char(6) - Item Class
-----
stiprsld - Sales projection screen (Detail)
  item_class char(6), - Item Class
  period char(2),    - Period
  period_year char(4), - Period Year
  sales_projection decimal(14) - Sales Projection Amount
-----
stiprslr - Sales projection (Period Definition)
  period char(2),      - Period
  period_year char(4) - Period Year
-----
stitemse - Alternate Items (aka substitutes)

```

```

item_code    char(20) - Item Code (Header)

-----
stitemsd - Alternate Items (aka substitutes) (Detail)
  item_code    char(20), - Item Code
  sub_item_code char(20) - Alternate Item Code

-----
stiuomcr - Add UOM List feature for multiple units of measure
  uom_code char(2), - UOM Code
  uom_desc char(30)) - UOM Description

-----
stiuomld - Add UOM List feature for multiple units of measure
  uom_list_code char(10), - UOM List Code
  line_no integer, - Line Number
  uom_code char(2), - UOM code
  ref_unit_code char(2), - Reference Unit Code
  quantity decimal(14), - Quantity
  uom_type char(1) - UOM type

-----
stiuomlr - Add UOM List feature for multiple units of measure
  uom_list_code char(10), - UOM List Code
  uom_list_desc char(30), - UOM List Description
  base_unit_code char(2), - Base Unit Code
  qty_dec_places integer - Qty decimal places

-----
stiqcend FR3347 - New table to capture quality information
  item_code char(20), -- Item Code
  trans_seq integer, -- Transaction sequence number
  serial_no char(20), -- Serial Number
  lot_no char(20), -- Lot Number
  msmt_qty decimal(10,3), -- Unit count related to measure
taken (ie sample size)
  pass_qty decimal(10,3), -- Passed Unit count related to
measure taken
  fail_qty decimal(10,3), -- No Pass Unit count related to
measure taken
  warn_qty decimal(10,3), -- Pass with warning count related to
measure taken
  msmt_data_type char(1), -- Type of data collected: N=numeric,
C=Character/numeric
  msmt_val_num decimal(10,3), -- Quality measurement taken, when
msmt_data_type_wl=N
  msmt_val_char char(20), -- Quality measurement taken, when
msmt_data_type_wl=C
  comment char(255), -- Free form comment
  pass_type char(1), -- Y=pass, N=fail, W=pass with
warning

```

```

    fail_reason char(10),           -- Validate against table
'reason'
    warn_reason char(10),         -- Validate against table
'reason'
    hold_order char(1),           -- Y=order to be held when
pass_type_w1=N, N=no hold
    hold_code char(3),           -- Production order hold code to be
used when hold_order_w1=Y
    user_num1 decimal(14,7),      -- User-defined field - numeric 1
    user_num2 decimal(14,7),      -- User-defined field - numeric 2
    user_num3 decimal(14,7),      -- User-defined field - numeric 3
    user_char1 char(20),          -- User-defined field - character 1
    user_char2 char(20),          -- User-defined field - character 2
    user_char3 char(20));         -- User-defined field - character 3

```

stiqcene - FR3347 - New table to capture quality information

```

    item_code char(20),
    warehouse_code char(10),
    order_no char(20),           -- Production or Purchase Order
    order_rel char(3),           -- Production Order release
    line_no decimal(4,0),        -- Purchase order line
    trans_seq integer,           -- Transaction sequence number
    collect_type char(1),        -- S=production order summary,
O=routing step/operation, C=component, P=purchase receipt
    collect_stage char(1),       -- R=Prod Rect, L=Labor reporting,
C=component issue, Q=Quality transaction Entry, P=Purch recpt
    routing_seq char(10),        -- Production Order Routing Sequence
    comp_sequence char(10),      -- Production Order Component
Sequence
    component_item char(20),      -- Production Order Component Item
    inspect_date date,           -- Date of collection
    msmt_desc char(30),          -- Measurement description
    msmt_qty decimal(10,3),      -- Unit count related to measure
taken (ie sample size)
    pass_qty decimal(10,3),      -- Passed Unit count related to
measure taken
    fail_qty decimal(10,3),      -- No Pass Unit count related to
measure taken
    warn_qty decimal(10,3),      -- Pass with warning count related to
measure taken
    msmt_data_type char(1),      -- Type of data collected: N=numeric,
C=Character/numeric
    msmt_val_num decimal(10,3),  -- Quality measurement taken, when
msmt_data_type_w1=N
    msmt_val_char char(20),      -- Quality measurement taken, when
msmt_data_type_w1=C
    comment char(255),           -- Free form comment
    fail_reason char(10),        -- Validate against table
'reason'
    warn_reason char(10),        -- Validate against table
'reason'

```



```

        hold_order char(1),           -- Y=order to be held when
pass_type_w1=N, N=no hold
        hold_code char(3),           -- Production order hold code to be
used when hold_order_w1=Y
        car_code char(10),           -- Corrective Action Required code
        car_compl date,              -- Corrective Action Completion date
        car_comment char(255),       -- Corrective Action
comment
        user_num1 decimal(14,7),     -- User-defined field - numeric 1
        user_num2 decimal(14,7),     -- User-defined field - numeric 2
        user_num3 decimal(14,7),     -- User-defined field - numeric 3
        user_char1 char(20),         -- User-defined field - character 1
        user_char2 char(20),         -- User-defined field - character 2
        user_char3 char(20),         -- User-defined field - character 3
        car_no integer,              -- Next sequential # for CAR alert
emailed
        entered_by char(8),          -- Display only user id
        completed_by char(8),        -- Display only user id
        date_added datetime year to second, -- Date/Time added to table
        added_by char(20));          -- Added to table by user

```

stiqcmsr FR3347 - New table to capture quality information

```

        item_code char(20),
        collect_type char(1),        -- S=production order summary,
O=routing step/operation, C=component, P=Purchase receipt
        collect_stage char(1),      -- R=Prod Receipt, L=Labor
reporting, C=component issue, Q=Quality Transaction Entry, P=Purchase
receipt
        routing_seq char(10),       -- For collect_type O, this is
required
        comp_sequence char(10),     -- For collect_type C, this is
required
        component_item char(20),    -- For collect_type C, this is
required
        msmt_desc char(30),         -- Measurement description
        msmt_data_type char(1),     -- Type of data collected:
N=numeric, C=Character/numeric
        low_tol_num decimal(14,7),  -- Quality low tolerance, when
msmt_data_type_w1=N
        hi_tol_num decimal(14,7),   -- Quality high tolerance, when
msmt_data_type_w1=N
        low_tol_char char(20),      -- Quality low tolerance, when
msmt_data_type_w1=C
        hi_tol_char char(20),       -- Quality high tolerance, when
msmt_data_type_w1=C
        detail_reqd char(1),        -- Y=Yes(entries needed in woquald
also), N=No
        hold_order char(1),         -- Y=order to be held when
pass_type_w1=N, N=no hold
        hold_code char(3),          -- Production order hold code to
be used when hold_order_w1=Y
        car_code char(10),          -- Corrective Action Required code

```

```

        user_hdg_num1 char(30),          -- User-defined field title -
numeric 1
        user_hdg_num2 char(30),          -- User-defined field title -
numeric 2
        user_hdg_num3 char(30),          -- User-defined field title -
numeric 3
        user_hdg_char1 char(30),         -- User-defined field title -
character 1
        user_hdg_char2 char(30),         -- User-defined field title -
character 2
        user_hdg_char3 char(30));       -- User-defined field title -
character 3

```

stiserlb - FR2932 - Create new table for Serial/Lot Composition Inquiry

```

        item_code char(20),
        warehouse_code char(10),
        seq_no integer,
        lot_no char(20),
        serial_no char(20),
        lot_qty decimal(10),
        cost decimal(12),
        vend_code char(20),
        expiry_date date,
        po_no char(20),
        rec_doc_no integer,
        receipt_date date,
        recv_qty decimal(10),
        recv_cost decimal(12),
        bin_location char(15),
        so_doc_no integer,
        so_line_no decimal(4,0),
        cust_code char(20),
        shipped_date date,
        shipped_qty decimal(10,3),
        mfr_serial char(30),
        prod_order char(7),
        prod_order_lot char(3),
        warr_expire date,
        warr_matl_cost decimal(10,2),
        warr_labor_cost decimal(10,2),
        warr_sales_amt decimal(10,2)

```