

Corporate Services Release Report

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Release Date: 1/7/2010

PR 2010010501 Book Depreciation with Recovery Change is not Calculating Post Recovery Change Depreciation Properly

APP:FA

This case has been entered to investigate the following:

Client Reports:

The Book Depreciation with Recovery Change function is not calculating post recovery change depreciation properly. The monthly depreciation value seems too low.

Investigation Results:

The depreciation rate was not being set properly for post recovery change calculations.

Result of Report:

PR 2009123005 Copyright Update

DLL:XMLHLPR
DLL:VRTX
DLL:WEBUP
APP:SU
DLL:TICKET
APP:Timb
APP:TREPAIR
APP:UPDATE
APP:VendImport
APP:VerifyDB
DLL:VIEW
DLL:PRICELOOKUP
DLL:PRIMR
DLL:PRINT
DLL:PROFL
DLL:PURCHASING
DLL:QLCMM
DLL:RATING
DLL:RENTAL
DLL:REPORTS
APP:RESSVRCS
DLL:RETURNAUTHORIZATION
DLL:REVAPP
APP:RM_LM
DLL:RMDB
APP:RTMS
APP:SSDesign
DLL:ADDON

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APP:AP
APP:AR
DLL:ARAP
APP:AutoPurch
APP:BarCode
APP:Batch
DLL:BILLG
APP:CGI_Artesia
DLL:CMNCTRL
DLL:CMNOBJ
APP:Coda
DLL:CONCURRENT
APP:conv_erns7
APP:conv_rtms7
APP:conv_trans
DLL:CONVERSION
APP:CostReport
APP:CRM
APP:CS_EDI
APP:CS_Migrate
DLL:CustVend
APP:DataImport
APP:DBCompare
APP:DBMERGE
DLL:DBMGR
APP:Dimension
APP:DynamicsSL
DLL:EDIHLPR
APP:TRAKQUIP
DLL:ERROR
APP:ExcelClose
APP:FA
APP:FI_Conditions
APP:FileMerge
APP:Fleet
DLL:FLEETWO
DLL:GFRMS
DLL:GLBLTRCS
APP:GTRACS_IMPORT
DLL:INETHLPR
DLL:INTERFACES
DLL:INVENTORY

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DLL:INVOICE
DLL:INVTY
DLL:LOGIN
DLL:MAINT
APP:Mas200
APP:Material
DLL:MCSDBServer_CSVersion
DLL:MS_DYN
DLL:OET
DLL:OrderEntry
APP:P21
APP:PO
DLL:POLL
APP:PORT
APP:PREF

Updates to Copyright Information in Binary files

PR 2009121502 Investigate use of Function GetCost()

APP:PO
APP:RTMS
APP:Batch
APP:TRAKQUIP
APP:Fleet
DLL:INVTY

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PR 2009121502 Investigate use of Function GetCost()

This case has been entered to investigate the following:

Client Reports:

This possible issue was discovered by Corporate Services Internal Testing

The Function GetCost() returns the value of inventory at a location in "Currency" format. `Format$(dblCost, "Currency")`

The use of currency format can be influenced by local settings changing the decimal positions from 0 to 4 decimal positions. The currency data type is limited to 4 decimal positions.

Two Decimal points is appropriate for reporting revenue, cost, Journal Entries, Payables and other accounting functions, but if used for adjusting or averaging unit costs for inventory, it could cause a loss of precision.

For example if we purchase some wire nuts for \$34.50 for a box containing 1,000 units, then the unit cost is .0345. Rounding values to 2 decimal points could change the value of the box to \$30.00 rather than \$34.50 if each wire nut were sold individually.

This Report is being entered to investigate the use of this function and to determine if the use is appropriate.

Investigation Results:

Investigation confirms that the GetCost() function is inappropriate for use when moving inventory due to the use of the Format Function (`Format$(dblCost, "Currency")`) which could result in loss of precision for items where more decimal points are appropriate.

Code should be modified or added with the goal of maintaining the precision of inventory costs no matter the number of decimal points involved.

Result of Report:

Replaced the use of GetCost() with a new function GetCost_Float() where appropriate to maintain the precision of the inventory cost