# Infor VISUAL 10.0.0 Release Notes

# Contents

# About this guide

This document describes features that are introduced in VISUAL 10.0.0.

You can find release notes on the Infor Support Portal.

## Intended audience

This document is intended for any VISUAL user.

## Related documents

You can find the documents in the product documentation section of the Infor Support Portal, as described in "Contacting Infor" on page 5.

*Infor VISUAL 10.0.0 Hardware Guidelines*

*Infor VISUAL 10.0.0 Software Compatibility*

*Infor VISUAL 10.0.0 Applications Installation Guide*

*Infor VISUAL 10.0.0 Database Installation Guide for Oracle*

*Infor VISUAL 10.0.0 Database Installation Guide for SQL Server*

*Infor VISUAL 10.0.0 Schema Changes*

## Contacting Infor

If you have questions about Infor products, go to Infor Concierge at https://concierge.infor.com/ and create a support incident.

The latest documentation is available from the Infor Support Portal. To access documentation on the Infor Support Portal, select **Search > Browse** documentation. We recommend that you check this portal periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

# Chapter 1    Prerequisites

This section lists the software required to use Infor VISUAL as of the publication date of this document. For up-to-date information, see the *Infor VISUAL 10.0.0 Compatibility Matrix*.

This software is required to use Infor VISUAL 10.0.0:

**Database engine.** You must use one of these database engines:

- SQLServer 2017
- SQL Server 2019
- Oracle 19c

**Server operating system.** You must use one of these server operating systems:

- Windows 2016
- Windows 2019

**Client operating system.** Windows 10 32-bit or 64-bit is certified for use with Infor VISUAL 10.0.0.

## VISUAL 10.0.0 and previous versions of VISUAL

VISUAL 10.0.0 executables can only be run with a database that has been upgraded to the VISUAL 10.0.0 level. You cannot run a VISUAL 10.0.0 executable with a previous version of the database, such as 9.0.4.

## VISUAL 10.0.0 and other VISUAL products

If you use VISUAL CRM, **do not** upgrade VISUAL to version 10.0.0 until VISUAL CRM 10.0 is available. VISUAL 10.0.0 is not compatible with VISUAL CRM 9.x or earlier.

If you use VISUAL Global Financials or VISUAL Time & Attendance, **do not** upgrade VISUAL to version 10.0.0 until the February 2021 release of Global Financials and Time & Attendance are available.

**Do not** install VISUAL 10.0.0 if you use VISUAL HR. VISUAL 10.0.0 and VISUAL HR use different runtimes and are not compatible.

**Do not** install VISUAL 10.0.0 if you use VISUAL Payroll. VISUAL 10.0.0 and VISUAL Payroll use different runtimes and are not compatible.

# Gupta runtime requirements

VISUAL 10.0.0 requires the use of the Gupta 7.3.1 runtime. Previous versions of the Gupta runtime are **not** compatible with VISUAL 10.0.0.

If you are upgrading from VISUAL 9.0.8 or earlier, we strongly recommend that you remove the runtimes before upgrading VISUAL.

Infor strongly recommends that you **do not** use multiple versions of the Gupta runtimes on the same client.

# VMBROWSE.INI

Two enhancements in this release require you to rebuild the VMBROWSE.INI file. To rebuild this file, delete it.

# Schema changes

Schema changes that are directly related to enhancements are listed in this document. For more information about schema changes introduced in VISUAL 10.0.0, see the *Infor VISUAL 10.0.0 Schema Changes* document available on the Infor Support Portal.

# Chapter 2    Security and system management

This chapter lists the enhancements made to security and system management functions.

## Support for Oracle 19c

VISUAL can now be run on the Oracle 19c database platform.

## Prompt users for password change (ERS 9739)

Use the **Reset Password** check box in the Users dialog to prompt users to change their passwords the next time that they sign in to VISUAL. Users must change their passwords when prompted. They will not be able to sign in to VISUAL with their existing passwords.

### Code updates

This table shows where code updates were made for this enhancement:

| | |
|---|---|
| Updated programs | • VM (Main Manufacturing Menu) |
| Schema changes | • Added APPLICATION_USER.RESET_PW_NEXT_LOGIN |

## Single sign-on by user

You can now enable single-sign on for selected users only. You are no longer required to enable single sign on for all users in a database. If you use multiple databases, you are also no longer required to enable single sign on for all databases.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VM (Main Manufacturing Menu) |
| --- | --- |
| | • All VISUAL exes |
| Schema changes | • n/a |

# Preventing users from editing macros (ERS 9852)

Use the **Edit Macros** check box on the **Status** tab in Security Maintenance to control whether users can edit macros. Clear the check box to prevent users from editing macros. Select the check box to allow users to edit macros.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VM (Main Manufacturing Menu) |
| --- | --- |
| Schema changes | • Added APPLICATION_USER_SITE.EDIT_MACROS_ALLOWED |

# Component security for Labor Ticket Entry (ERS 16667)

In Security Maintenance, system administrators can control a user's ability to complete these tasks:

- Add a labor ticket
- Edit a labor ticket
- Delete a labor ticket

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VM (Main Manufacturing Menu) |
| --- | --- |

| Schema changes | • N/A |
| --- | --- |

# Performance improvements

VISUAL code was reviewed and updated to improve performance. Development focused on areas where customers reported issues and provided steps to reproduce the issues. This table highlights some of the changes that were made:

| Area | Improvement |
| --- | --- |
| Query Tool | If the No Auto Joining check box is selected, then the Go To buttons are not generated in the output tables. Generating the Go To buttons caused excessive database reads. |
| AP Invoice Entry | The VFReadOnlyMode(TRUE) function is now performed only once instead of after every row is saved. |
| Physical Inventory Count | In the dlgInitializeCount.PM_Save function, code that was executed in a loop repeatedly was removed. |
| AP Invoice Entry | The performance of saving a record when a database has a lot of inactive account rows has been improved. In the development environment, the save time was reduced from 80 seconds to 22 seconds. |
| Functional Class fix | The performance of re-populating inactive GL accounts in class fcTestGLAccount.Init has been improved. |
| Shipping Entry – Print Pack List dialog | The code has been improved to read only the required preference instead of all preferences. In the development environment, the test time was reduced from 16 seconds to 1 second. In customer environments, the test time was reduced from 40 seconds to 2 seconds. |

| Area | Improvement |
|------|-------------|
| SQL Prepare and Executes | Prepare and Executes that were included in loops have been moved outside the loops. Only Fetches are conducted inside loops. Prepare and Execute are more time-consuming than Fetches. |

**Note:** Generally, Infor testing is done on developer laptops or on servers installed on virtual machines located in Amazon Web Services (AWS). The performance gains that Infor observed may not be the same in your environment.

# Show Timing dialog

Use the Show Timing dialog to help analyze system performance.

You can use the dialog to review the duration of these events:

- **Screen Time.** The amount of time it takes to open the window.
- **Populate Time.** The amount of time it takes to load a record into the window.
- **Save Time.** The amount of time it takes to save a record.

Timing information is recorded for these windows:

- Accounting Window
- Accounts Payable Invoice Entry
- Accounts Receivable Invoice Entry
- Customer Order Entry
- Estimating Window
- Inventory Transaction Entry
- Manufacturing Window
- Material Planning Window
- Order Management Window
- Part Maintenance
- Purchase Order Entry
- Purchase Receipt Entry
- Purchasing Management Window
- Shipping Entry

Timing information is recorded by user. Only the most recent occurrence of the event for each user is saved. The date and time that the user signed in to the application is also recorded.

To open the dialog, select **Admin > Show Timing**. You must be signed in as the SYSADM user to access the Show Timing dialog.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VM (Main Manufacturing Window) |
|---|---|
| | • VFAPIENT (Accounts Payable Invoice Entry) |
| | • VFAREINT (Accounts Receivable Invoice Entry) |
| | • VFGLAWIN (Accounting Window) |
| | • VMORDENT (Customer Order Entry) |
| | • VMESTWIN (Estimating Window) |
| | • VMINVENT (Inventory Transaction Entry) |
| | • VMMFGWIN (Manufacturing Window) |
| | • VMORDWIN (Order Management Window) |
| | • VMPLNWIN (Material Planning Window) |
| | • VMPRTMNT (Part Maintenance) |
| | • VMPURENT (Purchase Order Entry) |
| | • VMRCVENT (Purchase Receipt Entry) |
| | • VMPURWIN (Purchasing Management Window) |
| | • VMSHPENT (Shipping Entry) |
| Schema changes | • Added the TIMING table |

# Alternate email addresses (ERS 46978)

Use the new Send From Email Address for Notifications dialog box to specify the email addresses to use as the sender for notifications. You can specify a different address for each notification type. You can also specify a different address for emails sent to internal recipients and external recipients.

For example, you could specify orders@yourcompany.com as the sender of customer order notifications. The alternate email addresses must exist as an account in your email system and have full access capabilities. The email addresses must also have a password for your email system.

Access the Send From Email Address for Notifications dialog box in Notification Maintenance.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMNTFMNT (Notification Maintenance) |
| --- | --- |
| | • VMORDENT (Customer Order Entry) |
| | • VMORDWIN (Order Management Window) |
| | • VMSHPENT (Shipping Entry) |
| | • VFARCENT (Cash Application) |
| | • VMPURENT (Purchase Order Entry |
| | • VMPURWIN (Purchase Management Window) |
| | • VMRCVENT (Purchase Receipt Entry) |
| | • VFAPCENT (A/P Payment Entry) |
| Schema changes | • Added the NOTIFICATION_SENDER_EMAIL table. |

# Chapter 3   WIP Inventory Tracking

Use the new WIP Inventory Tracking modules to manage the physical locations of parts on the shop floor.

WIP Inventory Tracking introduces these new windows, which are available on the Inventory menu:

- **Move Requests.** Use move requests to specify the parts that need to be moved and where to move them. You can access the Move Requests window directly from the Inventory menu or from Inventory Transaction Entry. You can specifically associate a move request with a work order.

- **Material Handler Queue.** The employees who are responsible for transporting parts use the Material Handler Queue to view a list of move requests. They also use the Material Handler Queue to indicate when they picked up the parts and when and where they delivered them.

- **WIP Inventory Transaction Entry.** A WIP inventory transactions are created when parts are picked up and when they are delivered. You can also use WIP inventory transactions to adjust the quantity of parts in a WIP inventory location and to transfer parts between locations.

In addition to the new windows, these updates have been made to support WIP inventory transactions:

- **WIP Locations dialog box.** This dialog box has been added to Warehouse Maintenance. Use this dialog to create WIP locations, which you can use in move requests. WIP inventory locations are used for logistical purposes only. Moving inventory into and out of WIP inventory locations has no effect on costing or on-hand inventory levels.

- **WIP Inventory default settings in Site Maintenance.** On the Defaults tab in Site Maintenance, you can specify default delivery types and default move request statuses to use when move requests are generated from inventory transactions and labor ticket entry. Note that you can only generate move requests from labor transactions in Infor VISUAL Shop Floor.

- **Security Maintenance**. System administrators can control access to the new executables on the Program Security tab.

## WIP Inventory Process Flow

This general process flow is used to move parts:

**1**   An employee creates a move request. In VISUAL 10.0.0, the employee can create a request manually or in Inventory Transaction Entry. When the move request information is complete, the employee sets the move request status to Ready for Pickup.

**2** The material handler consults the Material Handler Queue to see a list move requests. The material handler selects a move request that has a status of Ready for Pickup and picks the parts up. The status of the move request is updated to Picked Up. The Move Request window can also be used to pick up a move request.

**3** After the material handler delivers the parts, the material handler opens the Material Handler Queue and updates the status of the Move Request to Delivered. If the parts were delivered to a different location from the one specified on the move request, the material handler can indicate where the parts were delivered instead. The Move Request window can also be used to deliver a move request.

**4** After the parts are delivered, users can view details of the delivery in the Move Request window.

# WIP Inventory Licensing

To use inventory tracking windows, a VISUAL Shop Floor license that grants access to WIP functions must be applied to the database.

# WIP Inventory Functionality by VISUAL product

WIP inventory is only available in the standard VISUAL executables and VISUAL Shop Floor. WIP inventory is not available in VISUAL Time & Attendance or barcode modules.

This table shows the WIP inventory functions that are available in standard VISUAL and Shop Floor:

| Function | Available in Shop Floor? | Available in standard VISUAL? |
|---|---|---|
| Create a manual move request | Y | Y |
| Create a move request from an issue or work order receipt return inventory transaction | Y | Y |
| Create a move request for a work order receipt or issue return inventory transaction | N | Y |
| Create a move request when stopping a job | Y | N |

| Function | Available in Shop Floor? | Available in standard VISUAL? |
|---|---|---|
| Create a move request when receiving a purchase | Y | N |
| View, pickup, and deliver move requests in the Material Handler Queue | Y | Y |
| Use quick pick up and deliver | Y | N |
| Adjust and transfer inventory in WIP locations | Y | Y |
| View inventory by WIP location | Y | N |
| View WIP transaction history by part, work order, location, or move request | Y | N |
| View move requests associated with work orders | Y | N |

## Code updates

This table shows where code updates were made for this enhancement:

| | |
|---|---|
| Updated programs | • VM (Main Manufacturing Menu)<br>• VMCHKIDX (Check Index)<br>• VMMATDIS (Material Handler Queue)<br>• VMMOVREQ (Move Request)<br>• VMSTEMNT (Site Maintenance)<br>• VMWHSMNT (Warehouse Maintenance)<br>• VMWIPTSF (WIP Inventory Transaction Entry)<br><br>These executables have been updated to prevent the deletion of records when they are used on a move request or WIP transaction<br><br>• VMEMPMNT (Employee Maintenance)<br>• VMPRTMNT (Part Maintenance)<br>• VMRESMNT (Resource Maintenance)<br>• VMUMTMNT (Unit of Measure Maintenance) |

| Schema changes | • Added these tables: |
|---|---|
| |     • CONTAINER_TYPE |
| |     • WIP_MAT_LOCATION |
| |     • MOVE_EQUIP_TYPE |
| |     • MOVE_REQUEST |
| |     • MOVE_REQUEST_LINE |
| |     • WIP_TRANSACTION |
| | • Added these columns: |
| |     • APPLICATION_USER.MR_STATUS_ALLOWED (reserved for future functionality) |
| |     • SITE.LABOR_WIP_DEL_TYPE |
| |     • SITE.MATERIAL_WIP_DEL_TYPE |
| |     • WAREHOUSE.DEF_WIP_LOC_ID |
| |     • WAREHOUSE.DEF_RECEIVING_WIP_LOC_ID |

# Chapter 4   Manufacturing

This chapter lists the enhancements made to manufacturing functions.

## Standard hours and Hours Roll-up dialog

In Part Maintenance, use the new Implode Hours dialog to calculate the total number of hours required to produce one unit of a fabricated part. The default engineering master ID for the part is used to calculate hours.

After you implode hours, this information is displayed in the new Standard Hours fields in Part Maintenance:

**Setup Standard Hours** – The total number of setup hours per unit based on the operations in the default engineering master.

**Run Standard Hours** – The total number of run hours per unit based on the operations in the default engineering master.

**Multi-level Setup Standard Hours** – The total number of setup hours per unit based on the operations on all engineering masters that comprise the part.

**Multi-level Run Standard Hours** – The total number of run hours per unit based on the operations on all engineering masters that comprise the part.

For multi-level setup and run, all engineering masters for material requirements are examined until only purchased material requirements are found.

For example, PARENT PART has a fabricated material requirement called PART A, PART A has a fabricated material requirement called PART B, and PART B has a purchased material requirement for PART C. The run and setup time for PARENT PART, PART A, and PART B is added to determine the multi-level run and setup standard hours for PARENT PART.

The system administrator can control access to the new Implode Hours dialog in Security Maintenance.

The new standard hours values are now displayed along with actual hours in the Hours Roll-up dialog in the Manufacturing Window. The standard hours from Part Maintenance are compared to the actual hours to calculate these values:

**Variance** – The standard hours minus the actual hours.

**Projected** – The total number of hours that are projected to be reported when the work order is complete.

By default, the total standard hours, actual hours, variance hours, and projected hours are displayed. You can optionally show the setup and run hours for each category.

You can also color-code the dialog by hour type.

To use this feature for sites in an entity, the entity must use actual costing.

## Code updates

This table shows where code updates were made for this enhancement:

| | |
|---|---|
| Updated programs | • VM (Main Manufacturing Menu)<br>• VMPRTMNT (Part Maintenance)<br>• VMMFGWIN (Manufacturing Window) |
| Schema changes | • Added these columns:<br> • PART_SITE.SETUP_HRS<br> • PART_SITE.RUN_HRS<br> • PART_SITE.MULT_LVL_SETUP_HRS<br> • PART_SITE.MULT_LVL_RUN_HRS<br> • PART_SITE.LAST_IMPLODE_HRS_DATE |

# Recalculation of standard part costs with Costing Service (ERS 24802)

You can now use the Costing Service to recalculate the standard costs of parts.

You can set up the service to recalculate part costs on any day that you run the inventory costing functions of the costing service. You can specify this information:

• Whether all parts, only purchased parts, or only fabricated parts should be updated

• The date range of receipts to include in costing calculations. The date range is expressed as a number of days before the current date

• A threshold for updating costs. If the cost for a part falls outside of the threshold, the part is not updated

You can export the results to a CSV file.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMAPLTLS (Costing Tools) |
| --- | --- |
| | • VMCSTSVC (Costing Service) |
| | • VMAPLUTL (Costing Utilities) |
| Schema changes | • N/A |

# Permissions for adding parts on the fly in the Manufacturing Window

Use the Allow part add on-the-fly program component setting in Security Maintenance to control whether users can add new parts directly in the Manufacturing Window. Specify No to prevent users from adding new parts.

To access the setting, highlight Manufacturing Window in the **Program Security** tab, and then click the **Program Components** button.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VM (Main Manufacturing Menu) |
| --- | --- |
| | • VMMFGWIN (Manufacturing Window) |
| Schema changes | • N/A |

# Enhancements in Equipment Maintenance (ERS 37736)

These enhancements have been made in Equipment Maintenance:

• After you select a customer ID, the name of the customer is displayed in addition to the address in the detail field.

• You can now attach documents to equipment records. To implement this enhancement, a new Equipment document type is available in Document Maintenance. You can attach documents to equipment records that have the new Equipment document type. You can also attach General type documents.

- You can now create activities in Equipment Maintenance. Activities that you create in Equipment Maintenance have a Relates to Type of Equipment.
- You can now search on customizable user-defined fields in the Equipment ID browse table.
- You can drill down based on equipment ID from Dashboard metrics.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMACTENT (Activity Entry) |
| --- | --- |
| | • VMACTMNT (Activity Maintenance) |
| | • VMEQMNT (Equipment Maintenance) |
| | • VMDOCMNT (Document Maintenance) |
| Schema changes | • N/A |

# Filters in Reset Costs dialogs (ERS 31981)

You can now select the parts, resources, and services to use when you reset costs on engineering masters, quote masters, and work orders.

In the reset costs dialogs, a new option and table have been added. This table shows the dialogs that were updated:

| Dialog | Where available | New option |
| --- | --- | --- |
| Reset Material Costs | Part Maintenance<br>Costed Bill of Material Report | Selected parts |
| Reset Operation Costs | Shop Resource Maintenance<br>Costed Bill of Material Report | Selected resources |
| Reset Service Operation Costs | Outside Service Maintenance<br>Costed Bill of Material Report | Selected services |

After you click the new option in the dialog, use the table in the dialog to specify the items to use to update costs. For example, if you click the Selected Parts option in the Reset Material Costs dialog, add the parts whose costs you are using to update engineering masters, quote masters, and work orders.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMCSTBOM (Costed Bill of Material Report) |
| --- | --- |
| | • VMPRTMNT (Part Maintenance) |
| | • VMRESMNT (Shop Resource Maintenance) |
| | • VMSRVMNT (Outside Service Maintenance) |
| Schema changes | • N/A |

# Chapter 5   Purchasing and Sales

This chapter lists the enhancements made to purchasing and sales functions.

## Customer order line status (ERS 13637)

When you create a customer order, you can now specify an order status on order lines.

You can use these statuses on order lines:

- Released
- Firmed
- On Hold
- Cancelled
- Closed
- Inherit. This status can be used on order lines only. An order line with this status inherits the status of the header.

Use the status on the header to manage lines that have a status of Inherit. When a line has a status of Inherit, the line is considered to have the same status as the header. For example, if a line has a status of Inherit and the header has a status of Released, then the line is considered Released.

To manage each order line individually, assign a status other than Inherit. When an order line has a specific status, such as On Hold, then the status on the order header is ignored.

### Upgrade notes

When you upgrade a database to 10.0.0, the header status of existing orders remains the same. Customer order lines that had a status of C have a status of Closed after upgrade. All other lines have a status of Inherit after upgrade.

You must also rebuild the VMBROWSE.INI file. To rebuild the file, delete it.

### Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VFCSHWIN (Cash Window) |
| --- | --- |
| | • VMALCUTL (Allocation Utilities) |
| | • VMCBORPT (Customer Backlog Report) |
| | • VMCUSINQ (Customer Inquiry) |
| | • VMCVTUTL (Conversion Utility) |
| | • VMIBTSHP (Inter Branch Transfer Shipping Entry) |
| | • VMMFGWIN (Manufacturing Window) |
| | • VMORDENT (Customer Order Entry) |
| | • VMORDWIN (Order Management Window) |
| | • VMPLNWIN (Material Planning Window) |
| | • VMPRJMNT (Project Maintenance) |
| | • VMPURWIN (Purchase Management Window) |
| | • VMREVRPT (Revenue Report) |
| | • VMRMAENT (Return Material Authorization) |
| | • VMSDSRPT (Shipping/Delivery Report) |
| | • VMSHPENT (Shipping Entry) |
| | • VMTHRWIN (Throughput Window) |
| Schema changes | • N/A |

# New notification tokens for ship to addresses (ERS 44920)

This table shows the new tokens that are available in Notification Maintenance and the notification template where each token can be used:

| Token | Notification template |
| --- | --- |
| %OrderShipToID | Customer Order |
| %OrderLineShipToID | Customer Order |
| %PacklistShipToAddrNo | Shipment |
| %OrderSiteID | Purchase Order |
| %OrderLineShipToID | Purchase Order |

If you add a shipto token to a notification, the token is replaced with the corresponding address.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMPURENT (Purchase Order Entry) |
|---|---|
| | • VMPURWIN (Purchase Management Window) |
| | • VMNTFMNT (Notification Maintenance) |
| | • VMORDWIN (Order Management Window) |
| | • VMORDENT (Customer Order Entry) |
| | • VMRCVENT (Purchase Receipt Entry) |
| | • VMSHPENT (Shipping Entry) |
| Schema changes | • N/A |

# Deactivation of sales rep records (ERS 22805)

Use the new Active check box in the Sales Rep dialog to inactivate a sales representative who is no longer associated with your company. Users can not specify an inactive sales rep on customer orders, estimates, or accounts receivable invoices.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMCUSMNT (Customer Maintenance) |
|---|---|
| | • VMORDENT (Customer Order Entry) |
| | • VMORDWIN (Order Management Window) |
| | • VFARIENT (AR Invoice Entry) |
| | • VMESTWIN (Estimating Window) |
| Schema changes | • Added SALES_REP.ACTIVE |

# Packlist Report inputs (ERS 38504)

New inputs have been added to the Summary Packlist report (VMSHPRP1.QRP) and the Detail Packlist report (VMSHPRP2.QRP). You can customize the reports to include the inputs.

This table shows the inputs:

| Input | Description |
|---|---|
| CO_FREE_ON_BOARD | Value from the FOB field on the customer order header. |
| CO_SHIP_VIA | Value from the Ship Via field on the customer order header. |
| CO_CUST_SHIP_CHG_ACCT_NO | Value from the Ship Charge Acct field on the customer order header. |

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMSHPENT (Shipping Entry)<br>• VMSHPRP1.QRP (Summary Packlist report)<br>• VMSHPRP2.QRP (Detail Packlist report) |
|---|---|
| Schema changes | • N/A |

# Preference for requiring unit of measure on customer order lines (ERS 5292)

Use the ReqSalesUnitOfMeasure preference in Preferences Maintenance to require users to specify a unit of measure on the order line. Specify Y to prevent users from saving orders if the unit of measure has not been specified on the line.

To set up the preference in Customer Order Entry, use the OrderEntry section. To set up the preference in the Order Management Window, use the OrderEntryWindow section.

Usually, unit of measure is populated from the part record or from the customer pricing table. Use this preference to prevent users from accidentally deleting the unit of measure.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMORDENT (Customer Order Entry)<br>• VMORDWIN (Order Management Window) |
|---|---|
| Schema changes | • N/A |

# Drill to links from Vendor Service Dispatches dialog (ERS 38709)

This table shows the drillbacks that have been added to the Vendor Service Dispatches dialog:

| Drill back field | Drills back to |
| --- | --- |
| Service Part ID | Part Maintenance |
| Purchase Order | Purchase Order Entry or Purchase Management Window |
| Dispatch ID | Outside Service Dispatch Entry |
| Linked Operations | Manufacturing Window |

You can access the Vendor Service Dispatches dialog from Purchase Order Entry and the Purchase Management Window.

# Preference for suppressing auto-fill functionality in Purchase Receipt Entry (ERS 41556)

By default, the remaining quantity to be received is inserted in the Quantity Received column when you select the row in the Purchase Receipt Entry table or the delivery schedule table. To remove this functionality, use the AutoFillReceiveQty Preferences Maintenance. If you specify N for the preference, users must manually specify the quantity to receive.

This preference is available in the Receiving section in Preferences Maintenance.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMRCVENT (Purchase Receipt Entry) |
| --- | --- |
| Schema changes | • N/A |

# Internal orders from purchase requisitions and vendor RFQs

You can now create internal buy/sell orders from purchase requisitions and vendor RFQs. These features are available in Purchase Order Entry and the Purchase Management Window.

To create an internal order from a purchase requisition, first specify an internal vendor ID in the Generate Purchase Order from Requisition dialog. After you select an internal vendor, the new Create Internal Order check box on the dialog is selected by default. Specify the ID of an internal customer in the Internal Cust ID field to complete the information required to create an internal order.

To create an internal order from a vendor RFQ, select an approved quote that was provided by an internal vendor in the Generate Purchase Order from RFQ dialog. After you select the quote, the new Create Internal Order check box on the dialog is selected by default. Specify the ID of an internal customer in the Internal Cust ID field to complete the information required to create an internal order.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMPURENT (Purchase Order Entry) |
|---|---|
| | • VMPURWIN (Purchase Management Window) |
| Schema changes | • N/A |

# VAT on internal orders

Use the new Use Cust/VAT code check box and SO VAT/Tax Shipto ID field to specify the VAT code to use on internal buy/sell sales orders.

To use the VAT code that is specified on the internal vendor record, clear the **Use Cust VAT/Tax** check box.

To use the internal customer's tax information, select the **Use Cust VAT/Tax** check box. To use the tax information on the main customer record, leave the SO Tax Shipto ID field blank. To use tax information that is associated with a customer address, specify the ID of the address in the SO Tax Shipto ID field.

The new check box and field are available in these areas in Purchase Order Entry and the Purchase Management Window:

• Main purchase order window

• Copy Purchase Order dialog

• Generate Purchase Order from Requisition dialog

- Generate Purchase Order from RFQ dialog

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMPURENT (Purchase Order Entry) |
| --- | --- |
| | • VMPURWIN (Purchase Management Window) |
| Schema changes | • Added PURCHASE_ORDER.SALES_ORD_ADDR_NO |

# Chapter 6   Enhancements to Inventory

This chapter lists the enhancements made to inventory functions.

# Cycle count by warehouse location (ERS 32203)

You can now record the last cycle count date by warehouse location instead of by warehouse.

To set up this function, specify Y for the value in the new LastCountDateByLocation preference in the PhysicalInventoryCount section of Preferences Maintenance. When cycle counts are conducted, the LAST_COUNT_DATE column in the PART_LOCATION database table is updated. In the interface, the date is displayed in the Last Count Date in the Warehouse Locations dialog box. The Warehouse Locations dialog box is available in these locations:

- Part Maintenance
- Inventory Transaction Entry
- Warehouse Maintenance

If you specify N for the new preference, then cycle count dates are recorded by warehouse. When cycle counts are conducted, the LAST_COUNT_DATE column in the CYCLE_COUNT_PART table is updated. In the interface, the date is displayed in the Last Count Date column in the Cycle Count Setup dialog. They Cycle Count Setup dialog is available in Part Maintenance.

## Code updates

This table shows where code updates were made for this enhancement:

| | |
|---|---|
| Updated programs | • VMPRTMNT (Part Maintenance)<br>• VMPHYINV (Physical Inventory Count)<br>• VMINVENT (Inventory Transaction Entry)<br>• VMWHSMNT (Warehouse Maintenance) |
| Schema changes | • N/A |

# UPC codes

Use the new UPC and UPC Pkg fields in Part Maintenance to specify universal product code (UPC) or European Article Number (EAN) for a part. Use the UPC field to specify the code for one unit of the part. Use the UPC Pkg field to specify the code for a package of the part.

To enter a UPC, specify a 12-digit number. To enter an EAN, specify a 13-digit number. The spaces that are required by each format are inserted automatically when you save the part.

Define UPC and UPC Pkg codes at the tenant level.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMPRTMNT (Part Maintenance) |
|---|---|
| Schema changes | • Added PART.UPC |
| | • Added PART.UPC_PKG |

# Part statuses and functional areas (ERS 9386)

The Active part status has been expanded to include specific functional areas. In addition, you can now select an Inactive status for a part.

## Functional areas for active parts

If a part is active, you can use the new Sales, Purchasing, and Functional Areas check boxes to limit the types of transactions and records where the part can be used. You can use the check boxes individually or in combination. For example, if a part is a sub-assembly that is only used in work orders, select only the Work Orders check box. If you manufacture a part for sale, but do not purchase it, select the Sales and Work Orders check box. If you purchase a part for use in work orders, but do not sell it, select the Purchasing and Work Orders check boxes.

## Inactive parts

Use the inactive status when you are first introducing a part or when you are beginning to discontinue its use.

An inactive part cannot be used in these areas:

• New purchase orders, purchase requisitions, and vendor RFQs
• New quotes, customer orders, and RMAs

- New work orders

You can designate a part as inactive even if you have quantities of the part in inventory.

If you plan to discontinue use of a part, you can set the part's status to inactive and still complete outstanding purchases, sales, and work orders. After all outstanding orders are complete, you can update the part's status to Obsolete.

If you are introducing a part, you can set the part's status to inactive and still use it in engineering masters, Part Maintenance, and trace profile maintenance. When you are ready to use the part, you can update the part's status to Active.

## Preferences

You can use Preferences Maintenance to control whether inactive parts are displayed in part browse tables.

You can also set preferences to prevent a part that is not allowed in a functional area from being displayed in related part ID browses. For example, you can specify that parts that are not allowed in Purchasing from being displayed in Purchase Order Entry.

## Security

Use Security Maintenance to specify the users who can change part statuses and edit functional areas.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMAPSIMP (APS Import Utility) |
|---|---|
| | • VMDIXCHG (VMDI Exchange) |
| | • VMEQMNT (Equipment Maintenance) |
| | • VMESTWIN (Estimating Window) |
| | • VMINVENT (Inventory Transaction Entry) |
| | • VMMFGWIN (Manufacturing Window) |
| | • VMORDENT (Customer Order Entry) |
| | • VMORWIN (Order Management Window) |
| | • VMPLNWIN (Material Planning Window) |
| | • VMPRTMNT (Part Maintenance) |
| | • VMPURENT (Purchase Order Entry) |
| | • VMPURWIN (Purchase Management Window) |
| | • VMRCVENT (Purchase Receipt Entry) |
| | • VMREQENT (Purchase Requisition Entry) |
| | • VMRFQENT (Vendor RFQ Entry) |
| | • VMRMAENT (RMA Entry) |
| | • VMSHPENT (Shipping Entry) |
| Schema changes | • Added PART.ALLOW_CO |
| | • Added PART.ALLOW_PO |
| | • Added PART.ALLOW_WO |
| | • Added PART_SITE.ALLOW_CO |
| | • Added PART_SITE.ALLOW_PO |
| | • Added PART_SITE.ALLOW_WO |

# Obsolete parts in part browses (ERS 5292)

Use the ShowObsoletePartsInBrowse preference in the PartMaintenance section of Preferences Maintenance to specify whether obsolete parts are displayed in part ID browse tables.

Specify Y to include obsolete parts in part ID browse tables. Specify N to exclude obsolete parts. The default value is Y.

If you specify N, users can still manually type the ID of an obsolete part into part ID fields.

If you change the preference, delete the VMBROWSE.INI field to apply the preference change.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VMPRTMNT (Part Maintenance) |
| --- | --- |
| | • All executables with a part ID browse. |
| Schema changes | • N/A |

# Chapter 7    Enhancements to financials programs

This chapter lists the enhancements made to VISUAL Financials.

## Locking accounting periods by business function (ERS 21162)

You can now lock transactions by business function, which can help you control your general ledger when you are closing an accounting period. For example, you can prevent new manufacturing transactions from being posted while allowing your accounts payable personnel continue processing and posting invoices.

Transactional behavior within each locked business function is the same as if the entire accounting period is locked.

You can lock a business function only if the status of the accounting period is Active.

Access this feature on the Calendar Status tab in Financials Application Global Maintenance.

This table shows the business functions and the areas of the system where transactions are prohibited if the business function is locked:

| Business function | Areas where transactions are prohibited |
|---|---|
| Lock AP | Payment Entry |
| | AP Invoice Entry |
| | Generate Sales Commissions |
| Lock AR | AR Invoice Entry |
| | Invoice Generation |
| | Project Billing Entry |
| Lock GJ | Cash Book |
| | Post Financial Journals |
| | Accounting Window |
| | GL Entry |
| | Import/Export |

| Business function | Areas where transactions are prohibited |
|---|---|
| | Post Manufacturing Journals |
| | Revaluation |
| | Project Revenue Recognition |
| Lock MFG | Costing Utilities |
| | Costing Tools |
| | IBT Receiving Entry |
| | IBT Shipping Entry |
| | Inventory Transaction Entry |
| | Labor Ticket Entry |
| | Manufacturing Window |
| | Physical Inventory Count |
| | Project Adjustment Journal |
| | Receiving Entry |
| | Receiving Inspection |
| | Rate Management Window |
| | Shipping Entry |
| | WIP Adjustment Entry |

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VFAPLGLB (Financials Application Global) |
|---|---|
| | • All programs that affect the ledger |
| Schema changes | • Added these columns: |
| | • ACCOUNT_PERIOD.LOCK_MFG |
| | • ACCOUNT_PERIOD.LOCK_AR |
| | • ACCOUNT_PERIOD.LOCK_AP |
| | • ACCOUNT_PERIOD.LOCK_GJ |

# Automatic copy of description to general journal lines (ERS 36524)

Use the new Auto Copy Journal Description setting to automatically copy the description that you specify on the general journal header to the Reference field on general journal lines. The description is copied when you create a new line.

Set this preference in General Journal Entry. Select **Options > Preferences**, and then select the **Auto Copy Journal Description** check box.

The descriptions that are specified on the lines of general journal transactions are now displayed in the G/L Transactions dialog in the Accounting Window. Previously, the header description was used.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VFGLTENT (General Journal Entry) |
|---|---|
| | • VFGLAWIN (Accounting Window) |
| Schema changes | • N/A |

# Bank Statement Reconciliation report with no activity (ERS 26570)

The Bank Statement Reconciliation report is now generated even if no transactions were cleared during the period. The report shows the beginning balance and ending balance of the period. The report is generated if the prior period has been reconciled.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VFCASHBK (Cash Book) |
|---|---|
| | • VFCHKRP8.QRP (Bank Statement Reconciliation report) |
| Schema changes | • N/A |

# Length of payable invoice ID (ERS 27783)

You can now specify up to 20 characters for payable invoice IDs.

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • VFAPIENT (Accounts Payable Invoice Entry)<br>• VFSCPGEN (Generate Sales Commission)<br>• VFAPCENT (Payment Entry) |
|---|---|
| Schema changes | • Increased these columns from 15 characters to 20:<br>  • PAYABLE.INVOICE_ID<br>  • VR_PAYABLE_HDR.INVOICE_ID |

# Length of account ID

For consistency across all financial applications, the length of these columns has been increased from 20 characters to 30 characters:

• VEND_BANK_ACCOUNT.ACCOUNT_NO

• VMDI_CSH_HDR.ACCOUNT_NO

• BANK_ACCOUNT.ACCUNT_NO

## Code updates

This table shows where code updates were made for this enhancement:

| Updated programs | • N/A |
|---|---|
| Schema changes | • Increased these columns from 20 characters to 30:<br>  • VEND_BANK_ACCOUNT.ACCOUNT_NO<br>  • VMDI_CSH_HDR.ACCOUNT_NO<br>  • BANK_ACCOUNT.ACCUNT_NO |

# Chapter 8    Deprecated features

The features described in this chapter have been removed from VISUAL.

## User-defined reports

Support for Crystal Report Writer has been discontinued. As a result, these changes were made:

- The User-defined Report menu has been removed from VISUAL applications.
- Crystal Views have been removed from the database. If you created custom dashboard metrics or other customized reporting, ensure that you have not used Crystal Views in the database query.

# Chapter 9    Known issue

## Scheduling Window

When tooltips are enabled in the Scheduling Window, the window flickers when you move your cursor from one operation to another. To prevent the window from flickering, select I**nfo > Show Tooltips** to disable tooltips.

The tooltip setting is not retained between sessions. Each time you open the Scheduling Window, you must disable the tooltips to prevent the window from flickering.

This issue will be corrected in an upcoming patch release.

# Chapter 10 Resolved Issues

This table lists the issues that are resolved in the release. The table shows the application name, file name, version number, defect number, and description of the resolution. The table is sorted by application name.

Table entries with an application name of "VISUAL API Toolkit" represent a group of files that must be updated together to work properly. See Appendix A.

* Indicates that the file is included in both a client installation and a full installation. Files without the asterisk are not included in the client install.

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| A/P Invoice Entry | VFAPIENT | 723972 | Fixed issue with total VAT amount being calculated incorrectly. |
| A/P Invoice Entry | VFAPIENT | 727058 | Fixed issue of a new voucher ID being generated for an existing invoice ID in an Oracle database. |
| A/P Invoice Entry | VFAPIENT | 731150 | Fixed VAT Code and Percent being incorrectly set when clicking No in the "Calculated VAT differs from VAT on PO" message. |
| A/P Invoice Entry | VFAPIENT | 731250 | Fixed issue of receiving "This site does not allow multiple invoices on one receiver line" message in a non-landed cost database when a previous invoice was voided. |
| A/P Invoice Entry | VFAPIENT | 733857 | Fixed issue of application crashing when trying to save a voucher with multiple receivers in foreign tracking currency. |
| Accounting Entity Maintenance | VMAENMNT | 728756 | Fixed issue with credit balance not being considered when saving an order and the Credit Limit Control is set to no override. |
| Accounting Window | VFGLAWIN | 708738 | Fixed issue with differences between the detail report and summary general journal report. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Audit Maintenance | VMAUDMNT | 719953 | Fixed issue to capture updates to STATUS_EFF_DATE field in Audit Maintenance. |
| Barcode Labor Ticket Processor | VMBTSLBR | 719196 | Fixed issue to assign the correct transaction type for labor tickets that are created for a project task. |
| BOD to Database Service | BOD2DBSRVC | 713997 | Fixed issue where line item commission pct was not defaulting to the commission percentage of the customer salesrep. |
| BTS Purchase Receipts | VMBTSRCV | 730389 | Fixed issue with service returns being valued at zero. |
| Cash Application | VFARCENT | 577106 | Fixed issue with the display of exchange rates when a rate is defined for a transaction. |
| Concurrent Scheduler | VMGLBSCH | 737073 | Fixed issue with concurrent scheduler shutting down when processing large amounts of data. |
| Consignment Receiving | VMCSNRCV | 652002 | Fixed issue with receiving an error in browse dialogs after executing multiple searches. |
| Contact Merge Utility | VMMRGCON | 652002 | Fixed issue with receiving an error in browse dialogs after executing multiple searches. |
| Costing Tools | VMAPLTLS | 672498 | Fixed issue with receiving an error during the processing of project purchase distributions. |
| Costing Tools | VMAPLTLS | 728808 | Fixed issue where the native flag was not being set to the document currency ID. |
| Costing Utilities | VMAPLUTL | 728808 | Fixed issue where the native flag was not being set to the document currency ID. |
| Customer Maintenance | VMCUSMNT | 721000 | Fixed issue with loading entity-specific credit limit information. |
| Customer Maintenance | VMCUSMNT | 723685 | Added filter to include inactive customers in Customer ID browse. |
| Customer Order Entry | VMORDENT | 731329 | Fixed issue of receiving SQL Error 515 when setting up email notifications. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Customer Order Entry | VMORDENT | 737509 | Fixed issue with being unable to ship orders when linked order lines are reordered. |
| Estimating Window | VMESTWIN | 726913 | Fixed issue of Part ID browse not displaying customizable user defined data. |
| Fix Labor Ticket Curr Utility | VFFIXLTC | 738318 | A new fix utility to insert missing transactions from the LABOR_TICKET_CURR table is available. |
| General Journal Entry | VFGLTENT | 708738 | Fixed issue with differences between the detail report and summary general journal report. |
| Infor VISUAL API Toolkit Inventory Class Library Reference | VISUALToolkitVmfgInventoryReference.pdf. | 729832 | Fixed issue with links in VISUALToolkitVmfgInventoryReference.pdf. |
| Inventory Costing Service | VMCSTSVC | 728808 | Fixed issue where the native flag was not being set to the document currency ID. |
| Inventory Transaction Entry | VMINVENT | 652164 | Fixed issue of return by exception not returning all materials issued. |
| Inventory Transaction Entry | VMINVENT | 723289 | Fixed issue with Inventory Transaction Entry validating Part ID before displaying Part ID browse. |
| Inventory Transaction Entry | VMINVENT | 724501 | Fixed issue with being able to add a new requirement to a deleted work order operation. |
| Inventory Transaction Entry | VMINVENT | 726954 | Fixed issue where users could delete linked receivers with existing issue return transactions. |
| Inventory Transaction Entry | VMINVENT | 731707 | Fixed issue with corresponding adjust out transactions not being created in a high-volume database. |
| Inventory Transaction Entry | VMINVENT | 733828 | Fixed issue with Length, Width, Height not being included in macros. |
| Inventory Valuation Report | VMPIVRPT | 723405 | Fixed issue with report not showing costs in an average costing database. |

| Application Name | File Name | Defect | Description |
| --- | --- | --- | --- |
| Invoice Forms | VMINVGEN | 700793 | Fixed issue with blank invoice being printed when emailing an invoice. |
| Invoice Forms | VMINVGEN | 717608 | Fixed issue with receiving an error message when generating an invoice for a customer who receives email invoices when the default A/R invoice document folder has been deleted. |
| Invoice Forms | VMINVGEN | 721747 | Fixed issue to include the company logo on every page when batch printing A/R invoices. |
| Invoice Forms | VMINVGEN | 724411 | Fixed issue with freight amount not been included in the prepay applied amount. |
| Invoice Forms | VMINVGEN | 731481 | Fixed issue with shipto address specified on a line not being included on the invoice. |
| Invoice Forms | VMINVGEN | 732154 | Fixed issue with window crashing when more than 1000 customers are set up for emailing invoices |
| Labor Entry | VMLABENT | 719196 | Fixed issue to assign the correct transaction type for labor tickets that are created for a project task. |
| Labor Entry | VMLABENT | 735948 | Fixed issue with deviated quantity not being considered in auto issues. |
| Manufacturing Window | VMMFGWIN | 667643 | Fixed to validate data before opening secondary dialogs to prevent a looping validation error message. |
| Manufacturing Window | VMMFGWIN | 710861 | Fixed issue with Run value not being updated when importing information from Excel. |
| Manufacturing Window | VMMFGWIN | 719953 | Fixed issue to capture updates to STATUS_EFF_DATE field in Audit Maintenance. |
| Manufacturing Window | VMMFGWIN | 722360 | Fixed issue of receiving Sql Error 207 when copying from an Engineering master to an in-process ECN. |
| Manufacturing Window | VMMFGWIN | 722473 | Fixed issue with Audit History dialog showing history for multiple work orders. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Manufacturing Window | VMMFGWIN | 724064 | Fixed issue with customized UDF's value not being saved unless the other fields are edited. |
| Material Planning Window | VMPLNWIN | 690371 | Fixed issue of receiving unrecoverable error after clicking jump up button. |
| Material Planning Window | VMPLNWIN | 722172 | Fixed issue with the dimensional supply info column not displaying the correct number of pieces when using purchase delivery schedules. |
| Material Planning Window | VMPLNWIN | 722884 | Fixed issue with the external open of Requisition Entry. |
| Material Planning Window | VMPLNWIN | 723369 | Fixed issue with Entered By field being blank on a purchase order if the purchase order is created through the Material Planning Window. |
| Oracle 9081000 Conversion Script ****NOT A PATCH SCRIPT********* | OR9081000.sql | 702428 | Increased ACCOUNT_NO to 30 characters. |
| Order Management Window | VMORDWIN | 670558 | Fixed issue with the warehouse that is specified in the header not being automatically populated on order lines. |
| Order Management Window | VMORDWIN | 731329 | Fixed issue of receiving SQL Error 515 when setting up email notifications. |
| Order Management Window | VMORDWIN | 737509 | Fixed issue with being unable to ship orders when linked order lines are reordered. |
| Part Maintenance | VMPRTMNT | 719953 | Fixed issue to capture updates to STATUS_EFF_DATE field in Audit Maintenance. |
| Part Maintenance | VMPRTMNT | 737924 | Fixed issue with Order Policy not being created correctly when importing from Excel. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Preference Maintenance | VMPRFMNT | 739528 | Fixed issue with Copy to User ID field truncating at 15 characters in the Copy Preferences screen. |
| Preferences | PREFERENCES .SQL | 719495 | Updated Preferences Maintenance to display all Material Planning Window preferences. |
| Preferences | PREFERENCES .SQL | 742999 | Added missing MDIWindowMax preference to ManufacturingWindow section. |
| Progress Billing Entry | VMPBCENT | 734842 | Fixed issue with currency symbols in Billing Events dialog not being displayed correctly. |
| Progress Billing Entry | VMPBCENT | 737459 | Fixed issue with the calculation of exchange rates on the Progress Billing Milestone Status report. |
| Project Revenue Recognition | VMREVREC | 733081 | Fixed issue with saving incorrect value of COGS Labor amount under Transaction Totals column. |
| Project Summary Window | VMPRJSUM | 728719 | Fixed issue with currency symbol in the EAC/Target Costs. |
| Project Summary Window | VMPRJSUM | 732243 | Fixed issue with ETC labor information being reset to zero when changing ETC hours information. |
| Project Summary Window | VMPRJSUM | 733053 | Fixed issue with applying new rates to ETC resetting costs to zero. |
| Project Summary Window | VMPRJSUM | 733684 | Fixed issue with display of ETC amounts. |
| Project Summary Window | VMPRJSUM | 736349 | Fixed issue with Update actuals with ETC being available when the program security is set to Read Only. |
| Purchase Management Window | VMPURWIN | 651178 | Fixed issue of Vendor Ship To ID reverting back to original Vendor when changing Vendor ID. |
| Purchase Management Window | VMPURWIN | 712996 | Fixed issue with dispatching a line with a traced part. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Purchase Management Window | VMPURWIN | 716666 | Fixed issue of expired vendor contact line being brought into purchase order line. |
| Purchase Management Window | VMPURWIN | 721079 | Fixed issue with saving the correct manufacturer and manufacturing part on the purchase order. |
| Purchase Management Window | VMPURWIN | 722884 | Fixed issue with the external open of Requisition Entry. |
| Purchase Management Window | VMPURWIN | 724274 | Fixed issue with receiving an "IBT line is not the same part ID" message when assigning demand from a purchase order to an IBT. |
| Purchase Management Window | VMPURWIN | 726992 | Fixed issue with being unable to create internal orders from the Generate Order from Requisition and Generate Order from RFQ dialogs. |
| Purchase Management Window | VMPURWIN | 726992 | Fixed issue with being unable to create internal orders from the Generate Order from Requisition and Generate Order from RFQ dialogs. |
| Purchase Management Window | VMPURWIN | 727040 | Fixed issue with being unable to create internal orders from the Generate Order from Requisition and Generate Order from RFQ dialogs. |
| Purchase Management Window | VMPURWIN | 734653 | Fixed issue with lines being repeated in the Generate Order from RFQ dialog. |
| Purchase Management Window | VMPURWIN | 735962 | Fixed issue with the wrong vendor part ID being inserted on a line. |
| Purchase Order Entry | VMPURENT | 651178 | Fixed issue of Vendor Ship To ID reverting back to original Vendor when changing Vendor ID. |
| Purchase Order Entry | VMPURENT | 712996 | Fixed issue with dispatching a line with a traced part. |
| Purchase Order Entry | VMPURENT | 716666 | Fixed issue of expired vendor contact line being brought into purchase order line. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Purchase Order Entry | VMPURENT | 721079 | Fixed issue with saving the correct manufacturer and manufacturing part on the purchase order. |
| Purchase Order Entry | VMPURENT | 722884 | Fixed issue with the external open of Requisition Entry. |
| Purchase Order Entry | VMPURENT | 724274 | Fixed issue with receiving an "IBT line is not the same part ID" message when assigning demand from a purchase order to an IBT. |
| Purchase Order Entry | VMPURENT | 726992 | Fixed issue with being unable to create internal orders from the Generate Order from Requisition and Generate Order from RFQ dialogs. |
| Purchase Order Entry | VMPURENT | 726992 | Fixed issue with being unable to create internal orders from the Generate Order from Requisition and Generate Order from RFQ dialogs. |
| Purchase Order Entry | VMPURENT | 727040 | Fixed issue with being unable to create internal orders from the Generate Order from Requisition and Generate Order from RFQ dialogs. |
| Purchase Order Entry | VMPURENT | 734653 | Fixed issue with lines being repeated in the Generate Order from RFQ dialog. |
| Purchase Order Entry | VMPURENT | 735962 | Fixed issue with the wrong vendor part ID being inserted on a line. |
| Purchase Requisition Entry | VMREQENT | 720948 | Fixed issue with the population of the Part ID when creating a purchase requisition for a part with a mfg name or mfg part ID. |
| Purchase Requisition Entry | VMREQENT | 722884 | Fixed issue with OnNew macro being triggered when opening the program from another executable. |
| Purchase Requisition Entry | VMREQENT | 732789 | Fixed issue with opening Purchase Requisition Entry from Task Maintenance. |
| Purchase Requisition Entry | VMREQENT | 733326 | Fixed validation of VAT when lines with no part IDs are included. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Receiving | VMRCVENT | 726954 | Fixed issue where users could delete linked receivers with existing issue return transactions. |
| Receiving | VMRCVENT | 730389 | Fixed issue with service returns being valued at zero. |
| Receiving | VMRCVENT | 738362 | Fixed issue with backorders resulting in incorrect PURC_ORDER_CURR transactions. |
| Receiving Inspection | VMRCVINS | 687019 | Fixed issue with macro not returning line item values. |
| Receiving Inspection | VMRCVINS | 721352 | Fixed issue with receiving an error when attempting to partially release lines with traced parts. |
| Return Material Authorization Entry | VMRMAENT | 720120 | Fixed issue where some order lines were not displaying in the return screen if an RMA was created for a different line on the order. |
| Return Material Authorization Entry | VMRMAENT | 731181 | Fixed issue with receiving incorrect "lose changes" message when changes have not been made. |
| Return Material Authorization Entry | VMRMAENT | 735664 | Fixed issue with additional lines being added to a Repair RMA Order when adding a specification. |
| Scheduling Window | VMSCHWIN | 704708 | Fixed issue with Scheduling Window not advancing past the searching for capacity stage after drag and drop on the standard schedule. |
| Scheduling Window Custom Control | VMSCHWIN.DLL | 735653 | Fixed issue with infinite scheduled resources causing gaps in the Scheduling Window. |
| Shipping Entry | VMSHPENT | 668201 | Fixed issue with Assign to Supply dialog being displayed when partially shipping a line that is linked to a work order and has traced parts. |
| Shipping Entry | VMSHPENT | 691737 | Fixed to only retrieve the required preference instead of all preferences. |
| Shipping Entry | VMSHPENT | 723571 | Fixed issue with negative inventory transactions being allowed in error. |

| Application Name | File Name | Defect | Description |
| --- | --- | --- | --- |
| Shipping Entry | VMSHPENT | 729308 | Fixed issue with line-level customizable user defined fields not being available in the Customer Order ID browse. |
| Shipping Entry | VMSHPENT | 730591 | Fixed issue of a piece tracked part linked to a purchase order line not updating INV_PIECE table. |
| Shipping Entry | VMSHPENT | 730691 | Fixed issue with lack of warning that stock is being driven negative. |
| Shipping Entry | VMSHPENT | 730763 | Fixed issue of not being able to do returns to a non existing warehouse location when create location on the fly and prevent messages are enabled. |
| SQL Server 9081000 Conversion Script ****NOT A PATCH SCRIPT********* | SS9081000.SQL | 716422 | Fixed SYSCOLS view to only include the dbo schema. |
| SQL Server 9081000 Conversion Script ****NOT A PATCH SCRIPT********* | SS9081000.SQL | 738319 | Added missing address lines in ADDRESS_POS_SETUP table. |
| SQL Server 9081000 Conversion Script ****NOT A PATCH SCRIPT********* | SS9081000.SQL | 738685 | Fixed issue with ShiptoPartyMaster BOD processed by VISUAL missing ShipTo ID and Name fields |
| Task Maintenance | VMTSKMNT | 722884 | Fixed issue with the external open of Requisition Entry. |
| Throughput Window | VMTHRWIN | 717785 | Fixed issue with supply and demand not lining up correctly in Customer Service Impact detail grid. |
| Vendor RFQ Entry | VMRFQENT | 652002 | Fixed issue with receiving an error in browse dialogs after executing multiple searches. |

| Application Name | File Name | Defect | Description |
|---|---|---|---|
| Vendor RFQ Entry | VMRFQENT | 722884 | Fixed issue with the external open of Requisition Entry. |
| VISUAL API Toolkit | VISUAL API Toolkit | 730889 | Fixed issue with VISUAL API financials incorrectly generating the next available number for payable records in a multi-site database. |
| VISUAL API Toolkit | VISUAL API Toolkit | 731211 | Fixed issue with VISUAL Financials API not applying the correct exchange rates. |
| VISUAL API Toolkit | VISUAL API Toolkit | 737880 | The User ID is now the owner of the VTA database on labor tickets in Visual Manufacturing when the labor ticket is created via VTA/Kiosk. |
| VISUAL API Toolkit | VISUAL API Toolkit | 742159 | Fixed to process Labor Tickets into VE with all appropriate date and time columns updated. |
| VISUAL API Toolkit | VISUAL API Toolkit | 743329 | Fixed issue with auto issue using the incorrect warehouse under certain circumstances. |
| VM/CRM Sync Utility | VMCRMSNC | 652002 | Fixed issue with receiving an error in browse dialogs after executing multiple searches. |
| Wedge Barcode Labor Ticket Entry | VMBCLABR | 719196 | Fixed issue to assign the correct transaction type for labor tickets that are created for a project task. |
| Wedge Barcode Labor Ticket Entry | VMBCLABR | 721297 | Fixed issue with being prompted for a deviated quantity after stopping set up. |
| Wedge Barcode Labor Ticket Entry | VMBCLABR | 737401 | Fixed issue where fixed burden was not calculated into the labor ticket. |

# Appendix A API Toolkit

The VISUAL API Toolkit is a group of files that must be updated together to work properly.

The toolkit is composed of these files:

- Dynamic link libraries:

  LSACORE.DLL

  LSASHARED.DLL

  MICROSOFT.SCRIPTING

  MICROSOFT.SCRIPTING.METADATA

  ORACLE.MANAGEDDATAACCESS.DLL

  ORACLE.MANAGEDDATAACCESSDTC.DLL

  VMFGFINANCIALS.DLL

  VMFGINVENTORY.DLL

  VMFGPURCHASING.DLL

  VMFGSALES.DLL

  VMFGSHARED.DLL

  VMFGSHOPFLOOR.DLL

  VMFGTRACE.DLL

- Executable:

  VMFGCONFIGFORMS.EXE

- Configuration:

  VMFGCONFIGFORMS.EXE.CONFIG

- Samples:

  VMFGSAMPLESAPITOOLKIT.ZIP