Infor VISUAL 9.0.6 Release Notes

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About this guide

This document describes features and defect fixes introduced in VISUAL 9.0.6.

For information about features introduced in earlier versions of VISUAL, consult the release notes for that version. For example, if you are upgrading from VISUAL 9.0.3 to VISUAL 9.0.6, consult the release notes for VISUAL 9.0.4 and VISUAL 9.0.5 for important information about the features introduced in those releases.

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 9.0.6 Hardware Guidelines

Infor VISUAL 9.0.6 Software Compatibility

Infor VISUAL 9.0.6 Applications Installation Guide

Infor VISUAL 9.0.6 Database Installation Guide for Oracle

Infor VISUAL 9.0.6 Database Installation Guide for SQL Server

Infor VISUAL 9.0.6 Schema Changes

Contacting Infor

If you have questions about Infor products, go to the Infor Support Portal.

If we update this document after the product release, we will post the new version on this website. We recommend that you check this website 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* 9.0.6 *Compatibility Matrix*.

This software is required to use Infor VISUAL 9.0.6:

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

- SQLServer 2008 R2
- SQLServer 2012 and 2012 R2
- SQLServer 2014
- SQLServer 2016
- Oracle 11g
- Oracle 12c

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

- Windows 2008 32-bit with Oracle 11g or SQL Server 2008 R2. Windows 2008 64-bit with Oracle 11g, Oracle 12c, or SQL Server 2008 R2.
- Windows 2008 R2 64-bit with any of the above database engines
- Windows 2012 and 2012 R2 with any of the above database engines

Client operating system. Your clients must use one of these operating systems:

- Windows 7 SP1
- Windows 8
- Windows 8.1
- Windows 10

VISUAL 9.0.6 and previous versions of VISUAL

VISUAL 9.0.6 executables can only be run with a database that has been upgraded to the VISUAL 9.0.6 level. You cannot run a VISUAL 9.0.6 executable with a previous version of the database, such as 9.0.4.

Gupta runtime requirements

VISUAL 9.0.6 requires the use of the Gupta 7.0 Update 1 runtime. Previous versions of the Gupta runtime are **not** compatible with VISUAL 9.0.6.

Infor strongly recommends removing all previous versions of the Gupta runtime before installing VISUAL 9.0.6.

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

Schema changes

Schema changes that are directly related to enhancements are listed in this document. For more information about schema changes introduced in VISUAL 9.0.6, see the *Infor VISUAL 9.0.6 Schema Changes* document available on the Infor Support Portal.

Chapter 2 Enhancements

This release introduces enhancements and improvements in a variety of areas in VISUAL and includes enhancements submitted in the Infor Support Portal Enhancement Request System.

Each enhancement is described in these release notes. This videos about the enhancements has been added to the Video Library:

- VISUAL 9.0.6 Overview

Notification tokens (ERS 21425 and 24798)

New tokens are available for notification templates.

Use the new Edit Token List dialog to choose the tokens that you want to show in the tokens list that is displayed in the main Notification Maintenance window. You can add tokens for columns from the database tables that are primarily associated with a transaction. For example, you can add tokens for columns from the CUST_ORDER_LINE and CUSTOMER_ORDER tables to the list of available tokens for the Customer Order template.

For more information about this feature, see the "Notifications and Email" chapter in the *Infor VISUAL Concepts and Common Features* guide.

Code updates

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

Updated programs	Notification Maintenance (VMNFTMNT)
Schema changes	These columns were added: • NOTIFICATION_TOKEN .SELECTED_TOKEN • NOTIFICATION_TOKEN .DATA_FORMAT_TYPE • NOTIFICATION_TOKEN .MIN_DECIMAL_POSITIONS • NOTIFICATION_TOKEN .CALCULATED_VALUE

Data source feature

The data source feature has been added to more programs. For a list of programs where this feature was added, see the Code Updates section, below:

Use the data source feature to view the database table and column that store the information shown in the interface. You must have system administrator privileges to use this feature.

For more information about this feature, see the "Database Management" chapter in the *Infor VISUAL System Administrator's Guide*.

Code updates

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

Updated programs	• A/P Invoice Entry (VFAPIENT)
	• A/R Invoice Entry (VFARIENT)
	• Accounting Window (VFGLAWIN)
	• Cash Application (VFARCENT)
	• Customer Maintenance (VMCUSMNT)
	• Estimating Window (VMESTWIN)
	• Inter Branch Transfer Entry (VMIBTENT)
	• Manufacturing Window (VFMFGWIN)
	• Material Trace History (VTMATTRC)
	• Outside Service Dispatch Entry (VMSRVDIS)
	• Outside Service Maintenance (VMSRVMNT)
	• Part Trace Maintenance (VTTRCMNT)
	• Payment Entry (VFAPCENT)
	• Purchase Requisition Entry (VMREQENT)
	• Receiving Inspection (VMRCVINS)
	• RMA Entry (VMRMAENT)
	• Shipping Entry (VMSHPENT)
	• Shop Resource Maintenance (VMRESMNT)
	• Task Maintenance (VMTSKMNT)
	• Vendor Maintenance (VMVNDMNT)
	• Vendor RFQ Entry (VMRFQENT)
Schema changes	n/a

Pictures in Employee Maintenance

You can now add a picture to an employee's record in Employee Maintenance. You can display the picture directly in the Employee Maintenance window.

To display the picture in the Employee Maintenance window, set up a preference in Preference Maintenance. In the EmployeeMaintenance section, add the ShowPicture entry and specify **Y**.

For more information about this feature, see the "Employees and Buyers" chapter in the *Infor VISUAL System-wide User's Guide*.

Code updates

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

Updated programs	Employee Maintenance (VMEMPMNT)
Schema changes	n/a

Product Code browse button in Estimating Window table (ERS 22546)

A browse button has been added to the Product Code column in the Estimating Window.

Code updates

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

Updated programs	Estimating Window (VMESTWIN)
Schema changes	n/a

Copy options for document attachments

If you drag-and-drop a document to create an attachment, and the document already exists in the folder that you have defined for attachments, you receive a dialog that you can use to select copy options. This dialog is displayed even if the document has already been created as a document attachment. In previous versions of VISUAL, you would not receive the copy options dialog if the document already existed as a document attachment.

Code updates

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

Updated programs	A/P Invoice Entry (VFAPIENT)	Part Maintenance (VMPRTMNT)
	A/P Payment Entry (VFAPCENT)	Part Trace Maintenance (VTTRCMNT)
	A/R Invoice Entry (VFAREINT)	Progress Billing Entry (VMPBCENT)
	Activity Entry (VMACTENT)	Project Billing Entry (VMPBCENT)
	Collections Window (VFARCLCT)	Project Maintenance (VMPRJMNT)
	Consignment Receiving (VMCSNRCV)	Project Summary Window (VMPRJSUM)
	Cost Simulation (VMCSTSIM)	Purchase Management Window (VMPURWIN)
	Customer Inquiry (VMCUSINQ)	
	Customer Maintenance (VMCUSMNT)	Purchase Order Entry (VMPURENT)
	Customer Order Entry (VMORDENT)	Purchase Requisition Entry (VMREQENT)
	Document Maintenance (VMDOCMNT)	RMA Entry (VMRMAENT)
	ECN History (VMECNHST)	Shop Resource Maintenance (VMRESMNT)
	ECN Entry (VMECNENT)	
	Estimating Window (VMESTWIN)	Vendor Inquiry (VMVNDINQ)
	General Journal Entry (VFGLTENT)	Vendor RFQ Entry (VMRFQENT)
	IBT Receipt Entry (VMIBTRCV)	Vendor Maintenance (VMVNDMNT)
	IBT Shipping Entry (VMIBTSHP)	Wedge Barcode Labor Ticket Entry (VMBCLABR)
	Manufacturing Window (VMMFGWIN)	
	Material Planning Window (VMPLNWIN)	WIP Maintenance (VMWIPMNT)
	Order Management Window (VMORDWIN)	
Schema changes	n/a	

Other updates

These updates were also made:

- **Window sizing and positioning.** In VISUAL 9.0.2, the process of moving sizing and positioning information from VSIZING.INI to the database began. As of version 9.0.6, all sizing and positioning information has been moved to the database.

- **Preference caching.** The way that individual executables access preference settings has changed to improve performance. To reduce the number of calls that VISUAL executables make to the Preferences table, preference settings will be stored in the computer's shared memory. All

other VISUAL executables that are run on the computer will read preferences from the shared memory instead of re-querying the database.

- **Account Balance Dimensions Service.** The Account Balance Dimensions Service was introduced to improve performance issues when processing user dimensions that have been added to transactions for SQL Server database users. If you use SQL Server and have set up user dimensions, you must use the Account Balance Dimensions Service to process the transactions.

  If you use multiple sites, you must install a separate instance of the service for each site.

  For more information about the service, see the "Cost Centers" chapter in the *Infor VISUAL General Ledger User's Guide*.

Chapter 3   Quick upgrade

Who can use this procedure?

To use this procedure, you must currently use VISUAL 9.0.0 or higher. If you use any other version of VISUAL or if you are installing VISUAL for the first time, you must follow the procedures in the installation guide to install VISUAL 9.0.6.

See *Infor VISUAL Applications Installation Guide*.

Upgrading from VISUAL 9.x.x to VISUAL 9.0.6

This table shows how to upgrade VISUAL 9.x.x to VISUAL 9.0.6:

Sequence	Step	Notes
1	Verify that the database client components are installed.	See your SQL Server or Oracle user documentation
2	Back up your existing database	*See the documentation for your database engine.*
3	If you use an application server, update VISUAL on the server	When prompted by the installation wizard, select **Infor VISUAL Application Server Set Up**.

Sequence	Step	Notes
4	Update VISUAL on clients. If you have installed thin clients, perform this step only if you want to update files that are installed on the client, including the online help and PDFs.	When prompted by the installation wizard, select one of these options: If you have installed all VISUAL executables on the client, select **Infor VISUAL Full Installation on Stand Alone PC**. If you have installed only the manufacturing applications on the client, select **Infor VISUAL Manufacturing Applications Only Set Up**. If you have installed only the financial applications, select **Infor VISUAL Financial Application Only Set Up**. If you have installed a thin client, select **Infor VISUAL Client Only Set Up**.
5	Sign into VISUAL to upgrade the database.	
6	Complete post-upgrade tasks to update custom triggers, custom views, and EDI mappings to use the new database column sizes.	

For more detailed instructions, see *Infor VISUAL Applications Installation Guide*.

Chapter 4   Resolved issues

This table lists the Infor Support Portal defects that were resolved in the VISUAL 9.0.6 release. 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 API Toolkit contents.

[*] Indicates that the file is included in a client install.

Application Name	File Name	Defect	Description
A/P Invoice Entry	VFAPIENT	588043	Fixed incorrect posting issue for receipt and return when a part has a different UOM conversion than the purchase order line.
A/P Invoice Entry	VFAPIENT	591650	Fixed issue of print transactions dialog not defaulting to the current sites functional currency id.
A/P Invoice Entry	VFAPIENT	618958	Reduced performance issues when generating the Aged Payables Report.
A/P Invoice Entry	VFAPIENT	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
A/P Invoice Entry	VFAPIENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
A/P Invoice Entry	VFAPIENT	631125	Fixed issue with automatically capitalizing alpha-numeric Account IDs.
A/P Invoice Entry	VFAPIENT	652175	Fixed incorrect posting issue for receipt and return when a part has a different UOM conversion than the purchase order line.
A/P Invoice Entry	VFAPIENT	652955	Fixed issue with the F6 key for cross-site fulfillment in Payables Invoice Entry.
A/P Invoice Entry	VFAPIENT	654573	Fixed SQL error when printing voucher and a specification is on the voucher.

Application Name	File Name	Defect	Description
A/P Invoice Entry	VFAPIENT	655716	Fixed issue where processing was incorrectly posting to the Purchase Order Variance account instead of the Purchase Order Receipt Accrual account.
A/P Invoice Entry	VFAPIENT	659821	Fixed issue with incorrect returned service receipt valuation.
A/P Invoice Entry	VFAPIENT	660003	Fixed issue where the General Ledger account incorrectly defaulted to the Purchase Order accrual account for the Freight line. A new interface account, Default A/P Invoice Freight, has been added to default freight lines for preferred expense accounts by site. If no account is specified, the General Ledger Account ID for a freight line defaults to blank.
A/P Invoice Entry	VFAPIENT	660612	Fixed issue to display all 15 characters of the Invoice ID by widening the header fields.
A/P Invoice Entry	VFAPIENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
A/P Payment Entry	VFAPCENT	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
A/P Payment Entry	VFAPCENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
A/P Payment Entry	VFAPCENT	631125	Fixed issue with automatically capitalizing alpha-numeric Account IDs.
A/P Payment Entry	VFAPCENT	634277	Fixed issue when using external open, the Payment Batch/No was not populating correctly when changing output type.
A/P Payment Entry	VFAPCENT	653269	Fixed issue where users were unable to make payment by vendor group.
A/P Payment Entry	VFAPCENT	656554	Fixed issue where selecting Generate Payments for Checks did not enable the Starting Payment No Field in Payment Entry.
A/P Payment Entry	VFAPCENT	661851	Fixed issue where deleting a payment did not delete the associated unapplied cash memo.

Application Name	File Name	Defect	Description
A/P Payment Entry	VFAPCENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
A/R Invoice Entry	VFARIENT	618958	Reduced performance issues when generating the Aged Payables Report.
A/R Invoice Entry	VFARIENT	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
A/R Invoice Entry	VFARIENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
A/R Invoice Entry	VFARIENT	631125	Fixed issue with automatically capitalizing alpha-numeric Account IDs.
A/R Invoice Entry	VFARIENT	654882	Fixed issue with Print Invoice dialog not closing when using the Email output option
A/R Invoice Entry	VFARIENT	656705	Fixed issue with error occurring when more than 40 characters were specified in the Misc Ref/Descr field by the allowable field length to 120 characters.
A/R Invoice Entry	VFARIENT	659949	Fixed issue where the invoice was printing the incorrect freight terms.
A/R Invoice Entry	VFARIENT	660338	Fixed issue where the Prepaid Order ID was removed from the invoice when a void is attempted and rejected.
A/R Invoice Entry	VFARIENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Account Balance Dimensions Service	VMACCTBAL DIMSVC	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
Accounting Window	VFGLAWIN	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
Accounting Window	VFGLAWIN	660019	Fixed issue with G/L Account browse opening when the window is first opened.
Accounting Window	VFGLAWIN	660267	Fixed issue with the Exchange Rate dialog opening when printing the general journal.

Application Name	File Name	Defect	Description
Activity Entry	VMACTENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Activity Entry	VMACTENT	658713	Fixed issue with Completed date not saving to the database correctly when updating
BTS Shipping Processor	VMBTSSHP	658173	Fixed issue with cursor leaks.
Cash Application	VFARCENT	620246	Fixed issue of receiving an invalid cursor error.
Cash Application	VFARCENT	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
Cash Application	VFARCENT	654543	Fixed issue where the exchange difference between the receiving date and the posting date was posted to an incorrect gain/loss account.
Cash Book	VFCASHBK	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
Collections	VFARCLCT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Consignment Receiving	VMCSNRCV	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Conversion Utility	VMCVTUTL	552771	Fixed issue of purchase order line posting candidate flag not being set correctly after upgrading from a Visual 7 or below database.
Cost Simulation	VMCSTSIM	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Costing Tools	VMAPLTLS	661882	Fixed "divide by zero" error issue when recalculating distributions.
Costing Utilities	VMAPLUTL	625561	Fixed issue where shipment returns linked to a work order are valued incorrectly after running Costing Utilities.

Application Name	File Name	Defect	Description
Costing Utilities	VMAPLUTL	656481	Fixed an out of balance issue where work order returns are returned from a different location than the receipt.
CRM Foreign Key Patch Script	SS800FKYCRM.SQL	641131	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Currency Exchange Rate	VCCURMNT	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
Customer Backlog Report	VMCBORPT	656028	Fixed issue with the Customer Backlog Report displaying an incorrect foreign currency order amount when generating the report for a currency other than native.
Customer Inquiry	VMCUSINQ	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Customer Inquiry	VMCUSINQ	657971	Fixed issue with frmCustomerOrder Misc Column only allowing 40 characters to be viewed instead of the 120
Customer Maintenance	VMCUSMNT	621354	Fixed issue where the Customer Shipping Address window tabs were incorrectly labeled and linked.
Customer Maintenance	VMCUSMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Customer Maintenance	VMCUSMNT	650252	Fixed issue of receiving FKEY0066 SQL Error when trying to delete a customer who has valid transactions associated with it.
Customer Maintenance	VMCUSMNT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Customer Order Entry	VMORDENT	621354	Fixed issue where the Customer Shipping Address window tabs were incorrectly labeled and linked.
Customer Order Entry	VMORDENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Customer Order Entry	VMORDENT	650544	Fixed issue where focus was lost in the window header after selecting a Part ID.

Application Name	File Name	Defect	Description
Customer Order Entry	VMORDENT	656820	Fixed issue with Generate Order from Quote the part description is not copying correctly if description is 120 characters.
Customer Order Entry	VMORDENT	656892	Fixed SQL error issue after resetting the Customer ID multiple times per customer order.
Customer Order Entry	VMORDENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Customer Sales Journal Report	VMCSJRPT	657406	Fixed issue with the Customer Sales Tax Journal by Tax ID detail being incorrect when a tax service charge of "0" was added to the packlist.
Document Maintenance	VMDOCMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Drum-Buffer-Rope Scheduler	VMDBRSCH	646166	Fixed issue where the DBR Scheduler Preferences were not loading properly for non-system users.
ECN Entry	VMECNENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
ECN History	VMECNHST	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
ECN History	VMECNHST	661777	Increased the maximum rows in memory to display all ECN history entries.
Estimating Window	VMESTWIN	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Estimating Window	VMESTWIN	626631	Fixed issue to correctly save changes to the Configure Line Item Table and the Configure Material Line Item Table.
Estimating Window	VMESTWIN	651394	Fixed issue of markup percentage not saving correctly.

Application Name	File Name	Defect	Description
Estimating Window	VMESTWIN	657201	Fixed issue where the calculated quantities on the leg header were incorrect when unit of measure scale for the part on the engineering header is zero and there are dimension values on the legs.
Estimating Window	VMESTWIN	657274	Fixed issue where the non-part materials and the leg detail with dimensions were rounded which caused differences between the engineering costs and the estimating costs.
Estimating Window	VMESTWIN	658532	Fixed issue with SQL error when checking availability and clicking the schedule button.
Examine Triggers	VMCHKTRG	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
General Journal Entry	VFGLTENT	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
General Journal Entry	VFGLTENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
General Journal Entry	VFGLTENT	631125	Fixed issue with automatically capitalizing alpha-numeric Account IDs.
General Journal Entry	VFGLTENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Generate Sales Commissions	VFSCPGEN	642135	Fixed issue where pre-paid invoices were not displaying in the Outstanding Commission Report.
Generate Sales Commissions	VFSCPGEN	642135	Fixed issue where pre-paid invoices were not displaying in the Outstanding Commission Report.
Inter Branch Transfer	VMIBTENT	659590	Fixed issue where the macro variable UDF_LAYOUT_ID was missing.
Inter Branch Transfer Receipt Entry	VMIBTRCV	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.

Application Name	File Name	Defect	Description
Inter Branch Transfer Shipping Entry	VMIBTSHP	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Inventory Transaction Entry	VMINVENT	651374	Fixed issue of receiving incorrect error message for a Receipt Return where fabricated parts were in stock and the negative issue check box is not selected.
Inventory Transaction Entry	VMINVENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Invoice Forms	VMINVGEN	656481	Fixed out of balance issue where work order returns are returned from a different location than the receipt.
Invoice Forms	VMINVGEN	656481	Fixed out of balance issue where work order returns are returned from a different location than the receipt.
Invoice Forms	VMINVGEN	659356	Fixed issue where not all lines are processed when printing multiple invoices to file.
Labor Entry	VMLABENT	639828	Fixed issue with manually created zero value labor tickets remaining open in Kiosk.
Labor Entry	VMLABENT	642038	Fixed issue where manually created indirect labor tickets were incorrectly saved as a work order type.
Labor Entry	VMLABENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Manufacturing Main Menu	VM	628700	Fixed issue where queries saved using the Query Tool were not available to other users.
Manufacturing Main Menu	VM	646166	Fixed issue where the DBR Scheduler Preferences were not loading properly for non-system users.
Manufacturing Main Menu	VM	658314	Fixed issue with searching for users in User ID browse on an Oracle 12c database.
Manufacturing Window	VMMFGWIN	618575	Fixed issue where dragging and dropping resources into the Scheduling Window resulted in an incorrect Finish Date on the work order.

Application Name	File Name	Defect	Description
Manufacturing Window	VMMFGWIN	618588	Fixed issue with opening a Project Maintenance window from project header card.
Manufacturing Window	VMMFGWIN	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Manufacturing Window	VMMFGWIN	631911	Fixed issue where a user without proper security permissions could schedule work orders in the Concurrent Scheduler.
Manufacturing Window	VMMFGWIN	651391	Fixed issue to click and display an image from an operating system specific application.
Manufacturing Window	VMMFGWIN	655356	Fixed issue to prevent a user without the correct permission level from creating a part on the fly.
Manufacturing Window	VMMFGWIN	656834	Fixed SQL error issue when creating soft allocations and a split work order has no Want Date specified.
Manufacturing Window	VMMFGWIN	656945	Fixed issue with WO header not updating Drawing Rev No on customer orders linked to the changed work order upon save.
Manufacturing Window	VMMFGWIN	657201	Fixed issue where the calculated quantities on the leg header were incorrect when unit of measure scale for the part on the engineering header is zero and there are dimension values on the legs.
Manufacturing Window	VMMFGWIN	657274	Fixed issue where the non-part materials and the leg detail with dimensions were rounded which caused differences between the engineering costs and the estimating costs.
Manufacturing Window	VMMFGWIN	657897	Fixed issue where window froze when a fraction was specified for Duration Days in a Project database.
Manufacturing Window	VMMFGWIN	659298	Fixed Budget Summary tab to hide if not project database
Manufacturing Window	VMMFGWIN	659799	Fixed issue where obsolete resources were available for selection as concurrent resources.

Application Name	File Name	Defect	Description
Manufacturing Window	VMMFGWIN	661607	Fixed issue to prevent a user without the correct permission level from creating a part on the fly.
Manufacturing Window	VMMFGWIN	661722	Fixed issue where the incorrect VAT percentage was saved to the purchase order line when an order was created on the fly.
Manufacturing Window	VMMFGWIN	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Material Planning Window	VMPLNWIN	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Material Planning Window	VMPLNWIN	645422	Fixed issue where an incorrect message is displayed when there is a space at the beginning of the Order ID field.
Material Planning Window	VMPLNWIN	661722	Fixed issue where the incorrect VAT percentage was saved to the purchase order line when an order was created on the fly.
Material Planning Window	VMPLNWIN	661808	Improved performance by bypassing rate-based calculations if no rate-based parts have been created.
Oracle upgrade script for 905 to 906	OR905906.SQL	650500	Fixed issue to correctly upgrade the SYSCOLUMNS View when upgrading from VISUAL 7.1.1 or earlier to 9.0.6.
Oracle upgrade script for 905 to 906	OR905906.SQL	650500	Fixed issue to correctly upgrade the SYSCOLUMNS View when upgrading from VISUAL 7.1.1 or earlier to 9.0.6.
Oracle upgrade script for 905 to 906	OR905906.SQL	656705	Fixed issue with error occurring when more than 40 characters were specified in the Misc Ref/Descr field by the allowable field length to 120 characters.
Oracle upgrade script for 905 to 906	OR905906.SQL	660003	Fixed issue where the General Ledger account incorrectly defaulted to the Purchase Order accrual account for the Freight line. A new interface account Default A/P Invoice Freight has been added to default freight lines for preferred expense accounts by site. If no account is specified, the General Ledger Account ID for a freight line defaults to blank.

Application Name	File Name	Defect	Description
Oracle upgrade script for 905 to 906	OR905906.SQL	660323	Fixed trigger error issue when clearing payments for entities with multiple sites.
Order Management Window	VMORDWIN	621354	Fixed issue where the Customer Shipping Address window tabs were incorrectly labeled and linked.
Order Management Window	VMORDWIN	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Order Management Window	VMORDWIN	650544	Fixed issue where focus within the window header was lost after selecting a Part ID.
Order Management Window	VMORDWIN	651942	Customer Order History window does not display Carrier ID on orders.
Order Management Window	VMORDWIN	656820	Fixed issue with Generate Order from Quote the part description is not copying correctly if description is 120 characters.
Order Management Window	VMORDWIN	656892	Fixed SQL error issue after resetting the Customer ID multiple times per customer order.
Order Management Window	VMORDWIN	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Part Maintenance	VMPRTMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Part Maintenance	VMPRTMNT	631110	Fixed foreign key error when incorrectly entering tariff code
Part Maintenance	VMPRTMNT	653922	Fixed issue with deleting a part in a scheduled work order. An error message to run the scheduler before deleting the part is now displayed.
Part Maintenance	VMPRTMNT	656801	Fixed issue with the Part ID accepting more than 30 characters.
Part Maintenance	VMPRTMNT	658378	Fixed issue with clearing picture/object not working correctly.

Application Name	File Name	Defect	Description
Part Trace Maintenance	VTTRCMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Post Manufacturing Journal	VFMFGJRN	591650	Fixed issue of print transactions dialog not defaulting to the current sites functional currency id.
Post Manufacturing Journal	VFMFGJRN	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
Production Schedule Report	VMSCHRPT	643900	Fixed issue where the Shop Resource Dispatch Report, Foreman's Dispatch Report, and Efficiency Report were not filtering by Site ID.
Progress Billing Entry	VMPBCENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Progress Billing Entry	VMPBCENT	639525	Fixed issue with generating invoices through progressive billing where the Sales Rep shared commission information was not included.
Progress Billing Entry	VMPBCENT	659831	Fixed issue where users were unable to specify the date in the date field.
Project Billing Entry	VMPRJBNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Project Billing Entry	VMPRJBNT	639525	Fixed issue with generating invoices through progressive billing where the Sales Rep shared commission information was not included.
Project Maintenance	VMPRJMNT	618588	Fixed issue with opening a Project Maintenance window from project header card.
Project Maintenance	VMPRJMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Project Summary Window	VMPRJSUM	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.

Application Name	File Name	Defect	Description
Purchase Management Window	VMPURWIN	618710	Fixed issue where the incorrect Revenue Acct ID was used on an internal customer order.
Purchase Management Window	VMPURWIN	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Purchase Management Window	VMPURWIN	653588	Fixed issue with FKEY error when deleting a shipped line on an internal purchase order.
Purchase Management Window	VMPURWIN	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Purchase Order Entry	VMPURENT	618710	Fixed issue where the incorrect Revenue Acct ID was used on an internal customer order.
Purchase Order Entry	VMPURENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Purchase Order Entry	VMPURENT	653588	Fixed issue with FKEY error when deleting a shipped line on an internal purchase order.
Purchase Order Entry	VMPURENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Purchase Requisition Entry	VMREQENT	613333	Fixed issue with Vat code not updating when using the Vat Override in the vendor maintenance
Purchase Requisition Entry	VMREQENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Purchase Requisition Entry	VMREQENT	658212	Fixed issue to allow the inclusion of the Department ID in the Configure Line Item table for non-project users.
Query Tool	VMQUERY	628700	Fixed issue with security when viewing other users' queries. Users can now see their own queries and queries created by the SYSADM user.
Query Tool	VMQUERY	655832	Fixed issue with the unexpected termination of the Query Tool when executing a SQL statement.

Application Name	File Name	Defect	Description
Receiving	VMRCVENT	656481	Fixed issue to prevent receiving quantity for more than one site against a purchase order line.
Receiving	VMRCVENT	656481	Fixed issue to prevent receiving quantity for more than one site against a purchase order line.
Receiving	VMRCVENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Report Writer Window	VFRPTWIN	661826	Fixed issue where the account period was validated against a non-active site upon initialization
Return Material Authorization Entry	VMRMAENT	591650	Fixed issue of print transactions dialog not defaulting to the current sites functional currency id.
Return Material Authorization Entry	VMRMAENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Return Material Authorization Entry	VMRMAENT	634793	Fixed "terminal abnormal" error message issue where the new Customer Order ID was not properly cleared and saved to the database.
Return Material Authorization Entry	VMRMAENT	655068	Fixed issue to correctly save Location IDs added during shipment returns without trailing spaces.
Return Material Authorization Entry	VMRMAENT	657377	Fixed issue where customer order drill-to did not launch the requested application.
Return Material Authorization Entry	VMRMAENT	658374	Fixed issue to properly populate the window with the specified RMA ID.
Scheduling Window	VMSCHWIN	618575	Fixed issue where dragging and dropping resources into the Scheduling Window resulted in an incorrect Finish Date on the work order.
Shipping Entry	VMSHPENT	573578	Fixed issue where generating the CUST_TAX_ID_NUMBER in a VAT-enabled database created a blank Packlist form.

Application Name	File Name	Defect	Description
Shipping Entry	VMSHPENT	644254	Fixed issue where Trace IDs specified on labor tickets were not displayed in the Part Traceability window when shipping a customer order linked to a work order.
Shipping Entry	VMSHPENT	654727	Fixed issue where user was unable to create a cross-site shipment for a traced part.
Shipping Entry	VMSHPENT	655068	Fixed issue to correctly save Location IDs added during shipment returns without trailing spaces.
Shipping Entry	VMSHPENT	656481	Fixed issue to prevent creating shipper lines from more than one site against a customer order line.
Shipping Entry	VMSHPENT	657885	Fixed issue to correctly display the General tab fields.
Shipping Entry	VMSHPENT	657907	Fixed issue with driving inventory negative when shipping a delivery schedule line when Issue Negative is turned off is turned off in Site Maintenance.
Shipping Entry	VMSHPENT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Shop Resource Maintenance	VMRESMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
SqlServer upgrade script for 905 to 906	SS905906.SQL	621086	On SQL Server databases, fixed performance issue when posting manufacturing journals where costing has been run and user dimensions are enabled.
SqlServer upgrade script for 905 to 906	SS905906.SQL	656705	Fixed issue with error occurring when more than 40 characters were specified in the Misc Ref/Descr field by the allowable field length to 120 characters.
SqlServer upgrade script for 905 to 906	SS905906.SQL	658456	Fixed issue where the cash book cleared balance was incorrect when clearing a voided cash receipt.

Application Name	File Name	Defect	Description
SqlServer upgrade script for 905 to 906	SS905906.SQL	660003	Fixed issue where the General Ledger account incorrectly defaulted to the Purchase Order accrual account for the Freight line. A new interface account Default A/P Invoice Freight has been added to default freight lines for preferred expense accounts by site. If no account is specified, the General Ledger Account ID for a freight line defaults to blank.
Tax Maintenance	VMTAXMNT	653589	Fixed issue to save an edited line when only the Vendor ID is modified.
Throughput Window	VMTHRWIN	641279	Fixed issue where soft allocations were not running as scheduled.
VE/CRM Sync Utility	VMCRMSNC	661554	Fixed error issue when running the Back Office Import where Customers, Addresses, Contacts and Employees and their associations are not synchronized between VISUAL and VISUAL CRM. The Back Office utility has been added to the VISUAL CRM Sync Utility, VMCRMSNC.EXE, and can be accessed by selecting Maintain, Back Office Utility.
Vendor Inquiry	VMVNDINQ	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Vendor Maintenance	VMVNDMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
Vendor Maintenance	VMVNDMNT	663234	Fixed issue with needing to click twice in a column to enter a term for quick filtering.
Vendor RFQ Entry	VMRFQENT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
VISUAL API Toolkit	VISUAL API Toolkit	659533	Fixed issue with creating a work order on a stocked Part ID with the API Toolkit.
VMDI Exchange	VMDIXCHG	659534	Fixed issue where the auto-generated Order ID was generated from an incorrect site.

Application Name	File Name	Defect	Description
Wedge Barcode Labor Ticket Entry	VMBCLABR	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.
WIP Maintenance	VMWIPMNT	623065	Fixed issue to now allow users rename or replace a file being copied, if a file with that name already exists in the target directory.

Appendix A API Toolkit contents

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:

  ORACLE.MANAGEDDATAACCESS.DLL

  ORACLE.MANAGEDDATAACCESSDTC.DLL

  LSACORE.DLL

  LSASHARED.DLL

  MICROSOFT.SCRIPTING.DLL

  MICROSOFT.SCRIPTING.METADATA.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