



Infor VISUAL for .NET 9.0 Release Notes

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About these release notes

Version 9.0 of the Infor for VISUAL .NET Applications, which includes Infor VISUAL Global Financials, Exchange, and Time & Attendance, is certified for use with Infor VISUAL software versions 9.0 and later.

Caution: Infor strongly recommends that you:

- Backup your Infor for VISUAL .NET application databases prior to running the database update. Very often problems encountered during the upgrade of the database are unrecoverable.
- Install the upgrade of your Infor .NET application in a test environment for evaluation prior to updating the production environment,
- Prior to installing VISUAL .NET 9.0, uninstall VISUAL .NET's pre-8.x using the VISUAL .NET installer.

Make sure your .NET environment is running Framework 4.8 or later prior to installing VISUAL .NET 9.0. Information about how to determine your current version of .NET, installation instructions for .NET Framework, and the product to download are all available at www.microsoft.com.

Note: You can download and install the .NET Framework 4.8 (ndp48-web.exe) file at <https://dotnet.microsoft.com/en-us/download/dotnet-framework/thank-you/net48-web-installer>.

When you upgrade your Infor .NET environment, you must run the Database Utility to update your databases and ensure their compatibility with the current version. Data fix routines are often included in this process and can take a significant amount of time to process. You must run the database updates within a test environment prior to updating on the production database(s). In certain circumstances these updates can take hours to run depending on the size of the database, the database platform, the number of modifications and/or custom triggers in use, and other variables.

During the upgrade process, data fixes may occur that will generate Infor VISUAL Exchange events. Please allow additional time for the databases to synchronize and process these events. The synchronization will begin after installation when you start the Exchange service.

Once complete, all logs should be reviewed to ensure no errors were encountered. When you are comfortable that the test environment has updated properly, you can update your production environment database(s). Being familiar with the test environment update results will help the production database upgrade proceed smoothly.

Support information

Infor VISUAL for .NET 9.0 replaces Infor VISUAL for .NET 8.1. It is highly recommended that you adopt Infor VISUAL for .NET 9.0. Any questions should be directed to the Infor Support web portal, support.infor.com.

Infor will continue to provide bug fixes for Infor VISUAL .NET 9.0 and 8.1 in conjunction with certified versions (VE 9.0.8 or later) of Infor VISUAL Manufacturing.

Installing Infor VISUAL .NET 9.0 for the first time

When you install Infor VISUAL .NET 9.0 for the first time make sure your .NET environment is running Framework 4.8 or later. Visit www.microsoft.com for information to determine your current version of .NET, and for information on how to install and download .NET Framework.

If there is a version earlier than VISUAL .NET 8.x, Infor recommends that it be uninstalled using the VISUAL .NET installer. After uninstalling VISUAL .NET pre-8.x, you are ready to install VISUAL .NET 9.0. Refer to the *Infor VISUAL for .NET 9.0 Installation Guide* for a detailed description of both how to uninstall VISUAL .NET pre-8.x and install VISUAL .NET 9.0.

Database update

If this is the first time that you are upgrading your .NET databases to the 9.x level, the database is updated to double-byte. During the upgrade, all VARCHAR data types become NVARCHAR data types. As a result, your database may require some time for the upgrade to complete. Plan accordingly.

If you attempt to log into your database prior to upgrading, a message dialog displays defining the version of the current database and the version of the .NET applications.

If you are the LSA user, you can open the LSADbUtility.exe directly from the message. Otherwise, you should contact your company's IT Department.

Converting customizations to VISUAL for .NET 9.0 from VISUAL for .NET 7.x

If you have customized code, contact Consulting Services to coordinate upgrading your custom code before installing VISUAL .NET 9.0 into your production environment.

The upgrade to your VISUAL .NET 9.0 application databases ignores existing customizations, including non-standard tables, views, and indexes. During the upgrade your application databases are rebuilt and all columns are converted from single-byte to double-byte character sets. Any user

columns added to the standard tables through the customization process within the .NET Applications are converted.

Infor recommends dropping custom indexes from the standard tables before upgrading the databases. Custom indexes discovered during the database upgrade are dropped. Once the standard tables are converted an attempt is made to add them back in as part of the upgrade process. However, it is your responsibility to verify that your customized tables, views, and indexes work properly against the converted database.

Upgrading your .NET databases

Some maintenance releases include updates to the LSA, Global Financials, and Time & Attendance databases. To ensure that your databases are up-to-date, use the Database Utility.

To update your databases:

- 1 Update your LSA database first. Open the Database Utility, and without signing in, click the **Perform administrative database creation, update or registration** link.
- 2 Select **Update Existing Database**, and then click **Next**.
- 3 Click Next to navigate through the utility. When prompted, specify your user ID and password in the Admin User ID and Admin Password fields.
- 4 After the upgrade is complete, click **Close**.
- 5 After updating the LSA database, you can update your Global Financials and Time & Attendance databases. Open the Database Utility and sign in. In the left pane, click Infor VISUAL to expand your databases, and then click VFIN to update your Global Financials database or click VTA to update your Time & Attendance database.
- 6 Click the **Perform database update** link.
- 7 Navigate through the utility as described in step 3.
- 8 After the upgrade is complete, click **Close**.

Working with multiple VISUAL Manufacturing databases or entities

Customers using a VISUAL database with multiple entities or multiple sites must also make sure they use a unique prefix and/or suffix when creating transactions. In a VISUAL database with multiple entities or multiple sites, customers set up the auto-numbering for transactions at the Site level. For more information on setting up auto-numbering, refer to the *Infor VISUAL Concepts and Common Features Guide*.

Customers creating records with the same ID in two different VISUAL Manufacturing databases or between multiple entities within the same VISUAL Manufacturing database could have difficulties when the records are exchanged with the Infor VISUAL .NET Global Financial database. Using unique IDs helps to avoid confusion and ensures proper processing between Global Financials and the VISUAL Manufacturing environment.

Time & Attendance payroll formats

The VISUAL Time & Attendance Ceridian payroll format was developed with the Ceridian eSource document, Importing Time Record Layout S500.

The VISUAL Time & Attendance ADP payroll format was developed under ADP documentation Importing Paydata Release 11 and Importing Paydata and Table Data Version 5.0.

Recommended display settings

For best results for Windows users, we recommend using the basic theme. To specify this theme setting, access the Windows Control Panel and go to the Personalization settings. Under Basic and High Contrast Themes select the Windows Basic theme.

Enhancements and repaired defects

Enhancement VTA – Administration & Approval – Add Sort by Employee Type – ERS 91883

On the Administration & Approval window, where the timecards/timesheets are reviewed and approved, a new menu option of “Employee Type” is added to the sort by option.

The Cards-Supervisor window has been enhanced to enable this sort option.

Enhancement VFIN – LSA_Logins table has been enhanced to record the computer name – ERS 87440

Enhanced functionality in LSA_LOGINS similar to other tables to allow capturing of computer names.

About These Release Notes: These release notes are cumulative and cover all changes, enhancements, and improvements made to Infor VISUAL for .NET 9.0 versus the earlier VISUAL .NET version 8.1. The table below includes these changes, along with Infor’s internal tracking number for the change, the QA/Support log number if applicable, a description of the change, and the date of the build. In some cases, the incident number is the ERS (Enhancement Request System) number.

The changes listed in this table apply to all VISUAL for .NET 9.0 users, regardless of the version of Infor VISUAL Enterprise they use.

This table shows the changes that have been implemented:

Defect/Jira #	Incident #	Task #	App.	Description	Date
JR-5138970	17046090	7552	API Toolkit	An issue when trying to add a requirement cost record to the quote master caused the 'Data column PIECE_NO not found in table REQUIREMENT_COST' error to be displayed has been resolved.	02/2023
JR-3444807	16163190	7548	VFIN	An issue where VISUAL Global Financials was from pulling obsolete sites from the VISUAL MFG database has been resolved.	02/2023

Enhancements and repaired defects

Defect/Jira #	Incident #	Task #	App.	Description	Date
JR-3523746	16943334	7545	VFIN	An issue where discounts were doubling when the Purchase Order Return is invoice in Global Financials has been resolved	02/2023
JR-3340705	16577668	7553	VFIN	An issue where the Receivables Inquiry was showing multiple payments that were not associated with the specified customer has been resolved	02/2023
5120212	17057226 17027030 17041517 17027868 17044983 17059071	7546	VTA	An issue where Timecards were not showing in the Completed pay period - open timecards has been resolved.	02/2023
3516072	16866572	7544	VTA	An issue where the supervisor was able to approve Time Off Requests without seeing the message, "approved request greater than the current available balance" has been resolved.	02/2023
750528/3340693	15965574 15121641 15142527 16353120 15268758 16248584	7483	VTA	An issue where starting or stopping a job in the VTA Kiosk takes 20-30 seconds to save has been resolved.	02/2023
91883		7549	VTA	<p style="text-align: center;">ENHANCEMENT</p> <p>The application has been enhanced to add a sort by 'Employee Type' on the Administration & Approval window.</p>	02/2023

Defect/Jira #	Incident #	Task #	App.	Description	Date
87440		7550	VTA	<p style="text-align: center;">ENHANCEMENT</p> <p>The application has been enhanced to record the computer name for several tables including LABOR_LABOR_Ticket, LABOR_TIME_ENTRY</p>	02/2023
803105/ JR-3340812	16622657	7527	API Toolkit	An issue with API Toolkit not updating the desired quantity of the Co-Product, has been resolved.	11/2022
803141/ JR-3340813	16629696	7528	API Toolkit	An issue with the Co-Product quantity being incorrect when the API is used for copying an existing work order, has been resolved.	11/2022
802855/ JR-3340772	16615359 16461144	7532	API Toolkit	An issue with Break Hours being removed from labor tickets when Recalc Proration is run, has been resolved.	11/2022
803438/ JR-3340660	16642265	7541	API Toolkit	An issue with Co-Product quantity is being incorrect when a work order created using API, has been resolved.	11/2022
760642/ JR-3340507	16447218 16431076 15530095 15345328 16269450 15756404	7542	API Toolkit	An issue with Recalc Proration when using Prorate by Cost, has been resolved.	11/2022
803389/ JR-3340658	16575852	7536	VFIN	An issue with foreign currency inventory values is not being updated with the new exchange rate, has been resolved.	11/2022

Enhancements and repaired defects

Defect/Jira #	Incident #	Task #	App.	Description	Date
775281/ JR-3340761	15292403 16479801	7465	VFIN	An issue with Credit Balance not being updated in Customer Maintenance if a customer order is invoiced in VISUAL Manufacturing instead of Global Financials, has been resolved.	11/2022
803546/ JR-3340663	16522510 16645277	7537	VTA	An issue with duplication of labor tickets in the Administration & Approval window, has been resolved.	11/2022
800158/ JR-3340625	16491711	7539	VTA	An issue with labor ticket detail report displaying incorrect Clock Out time for entries entered using Kiosk, has been resolved.	11/2022
JR-3484653	16793525	7540	VTA	The "Cannot insert duplicate key in object "LABOR_TC_APPROVAL_HIST" and "LABOR_TS_APPROVAL_HIST"." error messages are displayed in the VTA upgrade log file. This issue has been resolved.	11/2022
JR-3385719	16704749	7538	VXC	An issue where constraints are not being enabled when exchanging a vendor from Manufacturing to Global, has been resolved.	11/2022
71950		7521	VTA	<p style="text-align: center;">ENHANCEMENT</p> <p>You can now view a list of employees who are converted from the temporary role to full-time role using Conversion status in the Employees maintenance window.</p>	08/2022

Defect/Jira #	Incident #	Task #	App.	Description	Date
71949		7522	VTA	<p>ENHANCEMENT</p> <p>A new Default check box is added in the Administrator Group Maintenance window. This check box is used to defaults the Administrator Group field value when you add a new employee in the Employee maintenance window.</p>	08/2022
73203		7523	VTA	<p>ENHANCEMENT</p> <p>If you enabled Single Sign On (SSO) option, SSO User ID and Password must be specified to approve the selected timecards/timesheets in the Administrator and Approval window.</p>	08/2022
790922	16174865	7496	VFIN	An issue with creating Payables invoices out of balance journals, has been resolved.	08/2022
798592	16438513	7517	VFIN	An issue with the General Ledger Activity Report not displaying complete data when multiple accounts are selected, has been resolved.	08/2022
795802	16117913	7508	VTA	The "Time Entry xxxx/xxxxxxx Not Found" error message is displayed when trying to add a new time sheet entry. This issue has been resolved.	08/2022
797458	16411001	7514	VTA	"The data grid is empty. Parameter not saved." error message is displayed when trying to save a Named Setting.	08/2022

Enhancements and repaired defects

Defect/Jira #	Incident #	Task #	App.	Description	Date
798281	16411871	7515	VTA	The "Time off request has already been approved or rejected. Delete not allowed." error is generated in the Purge Data log when trying to remove purge data. This issue has been resolved.	08/2022
798388	16254653	7516	VTA	An issue where not all employees under supervisors being displayed if data is beyond 1000 rows, has been resolved.	08/2022
799800	16466538 16521218	7518	VTA	The "No Schedule could be found" error message is displayed when trying to submit a Time Off Request. This issue has been resolved.	08/2022
800480	16502635	7524	VTA	The "Item has already been added. Key in dictionary: 'OTHER_ACCRUED' Key being added: 'OTHER_ACCRUED'." error message is displayed when the Earning Type ID is created with a Category ID of Other Time Off. This issue has been resolved.	08/2022
801841	16321705	7520	VTA	An issue with post costing data which is running slow during payroll processing for multiple employees, has been resolved.	08/2022
787978	16084614	7485	VTA	An issue with VTA Kiosk does not respond when generating schedules for multiple employees, has been resolved.	08/2022
791710	16221700	7491	API Toolkit	An issue with the shipment API, as the inv_trans_curr records are not created in the multi-currency database, has been resolved.	05/2022
795002	16318374	7503	API Toolkit	An issue with the Recalc_flag on Work Order LOAD function in API Toolkit, has been resolved.	05/2022

Defect/Jira #	Incident #	Task #	App.	Description	Date
795726	16347038	7506	API Toolkit	An issue with API Toolkit is not updating operation costs when the resource ID is changed on a work order operation, has been resolved.	05/2022
795632	16347756	7507	API Toolkit	An issue with operation costs not being populated when adding operations using APIs, has been resolved.	05/2022
790087	16056299	7489	VFIN	An issue with Supplier Deposits being applied incorrectly to Unapplied Cash accounts, has been resolved.	05/2022
786953	16072172	7492	VFIN	The "Fiscal year must begin in the year before or the same year." error message is displayed on the Account Calendar Maintenance. This issue has been resolved.	05/2022
789673	16121329	7488	VFIN	An issue with receiving exchange error when the terms rule is not active and a new purchase/customer order is specified, has been resolved.	05/2022
795113	16121329	7504	VFIN	An issue with deactivating a terms rule not displaying a message on the Terms Rule Maintenance, has been resolved.	05/2022
793457	16203461	7498	VFIN	An issue with a penny difference between the purchase order and the landed cost voucher, has been resolved.	05/2022
787863	16102568	7484	VTA	The 'Hrs Used Ytd' field does not update when the payroll is posted under certain circumstances. This issue has been resolved.	05/2022

Enhancements and repaired defects

Defect/Jira #	Incident #	Task #	App.	Description	Date
789069	16125512	7487	VTA	The VTA Shift and Schedule Report displays only approved time off; however, pending time off is missing. The issue has been resolved.	05/2022
793916	16235999	7499	VTA	The "Data column EARNING_CODE_ID not found in table Labor" error message is displayed while generating an indirect labor ticket. This issue has been resolved.	05/2022
794742	16313478	7502	VTA	The "You must enter a paid earning type" error message is displayed when you click Start Meal in the Kiosk. This issue has been resolved.	05/2022
788743	16080400	7486	VTA	The "Invalid attempt to read when no data is present" error message is displayed when clocking out of job using VTA. This issue has been resolved.	05/2022
789940	16129213	7490	VTA	An issue with the incorrect cost of auto issued material from a VTA labor ticket in the Standard Cost, has been resolved.	05/2022
792728	16143223	7493	VTA	The "Attempted to divide by zero" message is displayed when completing a quantity using VTA Kiosk. This issue has been resolved.	05/2022
796637	16378567	7510	VTA	The "Attempted to divide by zero" message is displayed when modifying a labor ticket in VTA. This issue has been resolved.	05/2022
796984	16395421	7512	VTA	An issue with incorrect video being played when the list is sorted in the Video Dialog, has been resolved.	05/2022

Defect/Jira #	Incident #	Task #	App.	Description	Date
796423	16354762	7511	VTA	An issue with incorrect clock out time for Backflushed Labor Tickets created using VTA, has been resolved.	05/2022
73254		7481	VTA	<p style="text-align: center;">ENHANCEMENT</p> <p>A new Default check box and a Default Type drop-down list are added in the Earning Type Maintenance window. These fields are used to set the values specified in the Earning Type and Default Type fields as the default value for the Type and Earning Type columns when a new meal or break entry is added in the Administration & Approval window.</p>	02/2022
781110	15896037	7464	API Toolkit	An issue with the Co-product quantity being incorrect when a work order is created using API, has been resolved.	02/2022
784394	15977741	7472	API Toolkit	An issue with the 'Object reference not set to an instance of an object' error generated when adding a new vendor quote record using API, has been resolved.	02/2022
780438	15877443	7462	API ToolKit	An issue with Product Code not being copied when creating a work order from engineering master using API, has been resolved.	02/2022
777276	15792022	7451	API ToolKit	An issue with the COMMENTS column not being updated in the TRACE table when inventory transfers are created using API, has been resolved.	02/2022
777512	15797535	7453	API ToolKit	An issue with API allowing part with inventory on hand to be set as Obsolete, has been resolved.	02/2022

Enhancements and repaired defects

Defect/Jira #	Incident #	Task #	App.	Description	Date
777435	15796687	7452	API ToolKit	Foreign key error when creating an inventory transfer using API, has been resolved.	02/2022
781096	15896019	7466	API Toolkit	An issue with the material requirement date being incorrect when creating a work order using API, has been resolved.	02/2022
784701	15993156	7473	API Toolkit	An issue with the exchange rates for PAYABLE and PAYABLE CURRENCY not matching when an invoice is created using API, has been resolved.	02/2022
778037	15809732	7455	API ToolKit	An issue with the CUSTOMER ENTITY record not being created when adding a customer using API, has been resolved.	02/2022
781783	15880955	7467	GFIN	The unapplied cash receipt issue has been fixed by adding the datacolumn BACKOUT_REVAL to the Payment table.	02/2022
785259	15944010	7477	GFIN	An issue with the Payable Account ID changing to the default Payable Account ID when revaluating Open Invoices, has been resolved. The illogical error is no longer displayed when paying Voucher amount.	02/2022
786557	16044389	7478	GFIN	An issue with Supplier Maintenance Inspection control set to Disallow has been resolved.	02/2022
779376	15652049	7471	VTA	An issue with Lag and Break Labor Tickets not being exchanged from the VM to the VTA application, has been resolved.	02/2022

Defect/Jira #	Incident #	Task #	App.	Description	Date
779969	15846832	7463	VTA	An issue with different End Time values being displayed in the Edit window and the Labor Ticket tab, has been resolved.	02/2022
782140	15866790	7468	VTA	The 'ORA-01400' error when saving a profile picture in the Employee Maintenance window, has been resolved.	02/2022
785918	15923772	7479	VTA	The 'ORA-00923: FROM keyword not found where expected' message when starting a job without entering details in the Specifications field. This issue has been resolved.	02/2022
785937	16006835	7475	VTA	An issue with incorrect Hourly Cost being displayed for Salary Non-Exempt employees, has been resolved. The Labor cost in the Work Order displays the correct values.	02/2022
785206	15958187	7476	VTA	An issue with unpaid meals being deducted from vacation hours when an employee is assigned to more than one shift ID, has been resolved.	02/2022
785281	16018191	7474	VXC	Error when exchanging a new customer from Manufacturing to Global Financials, has been resolved.	02/2022