

## Version 12.0.0 Release Notes

### Enhancements & Changes

Module/Form/Feature	Description	OTR	
<b>2020 Construct</b>	Release of Construct 14 that including but not limited to: <ul style="list-style-type: none"> <li>- New iXplorer based on AutoCAD palettes for improved usability</li> <li>- Fitting animation</li> <li>- Connection enhancements</li> <li>- Automatic dimensioning of plan and elevation views</li> <li>- Document Manager improvements</li> </ul>	65998	
	Implemented updates to the system action 'Export Features' to 2020 Construct Default.xml to provide options for variable mapping in XML.	69526	
<b>2020 Insight</b>	Actions	Changed the behavior so that you will no longer see the message 'Actionname sent to inResponse' every time a generic action/action tree is sent to inResponse. This will alleviate redundant messages when running multiple generic actions in a row.	67821
	Blue Cell Integration	Now compatible with v1.9 of third party software BlueCell purchased stand alone from EuroSoft.	65343
	Browser Shop Floor	Released our first browser based family of functionality converting traditional Shop Floor functionality to browser based and streamlining model numbers. This is the first step on the journey to completely convert 2020 Insight. Added value with this first set of functionality: <ul style="list-style-type: none"> <li>- Ease of use</li> <li>- Camera support for barcodes</li> <li>- Integrated, animated charts</li> <li>- Audio files</li> <li>- QR code scanning</li> <li>- Touch zoom control</li> <li>- Adaptive Design for flutter</li> <li>- Digital time tracker</li> <li>- Visual views</li> </ul>	67272
		Translation functionality is included in the new browser based shop floor modules.	67300
		Added a new web shop floor frame to enable shipment tracking while unloading at the customer site.	69420
	Catalogs	Made order type available in catalog configuration for Set option formulas. Added 'Order Type' as Feature Link, so it becomes a feature: <ul style="list-style-type: none"> <li>- can be used in configuration formulas</li> <li>- Can be used in exclusions</li> </ul>	67647
		The new "Is Active" column in the Markets tab of the Customers form allows users to know at a glance whether a catalog version is currently active.	63071
	Added the ability with the pushover grid to be able to add a catalog to a marked when status is 'firmed'.	70236	

Module/Form/Feature	Description	OTR	
<b>2020 Insight</b>	Contacts	Hid outdated 'personal information' fields ie, gender, marital status, along with pager #, home phone #, etc. that are no longer relevant.	66790
	Costing	Added the ability to change a price during invoice matching and your Inventory Valuation Method = Moving Average, the system will recalculate the moving average price.	67711
	Descriptions	Description fields for options and feature options may now contain up to 100 characters (up from 50).	67149
	Engineering	Added the ability when importing engineering and BOM files to include edge angles. You can also manually define edge angles for individual items in the Items form.	66593
	Feature Sets	To enable the ability to use the 'feature set' function in 2020 Insight to set up material concepts (to have all pictures and descriptions added at the feature/option level) we have enhanced the 'feature options form' and 'feature set form'. Allowing the ability to add attachments to the feature set and notes to the feature and option level.	66606
	Forms	In all forms we now display the description of options in the condition selection in addition to the option name and option class. Enabling the saving of that view if desired.	70540
	Formulas	We now support 'dimension formula overrides' at the item component level. 2020 Insight allows formulas only on Items (except qty formula) leading to defining new template items that may be used again with different formula definitions or complex formula set-up. Benefit to accounts using fixed BOM template BOM to reduce errors.	69656
		Changed the sequence of formula execution in the sales order dialog to improve results.	67177
		Changed formula creation in Matrix Table definition and used empty string and order date as comment to avoid unnecessary entry.	67653
	Gen Post	Added the ability to allow a variable in the Z Offset field in routing settings. Thus making it convenient for users who need to center a tool in the middle of a panel.	65428
		Completed improvements to the 'clean out' function for sharp corners to clean up the corners.	67397
		Added the ability to allow configuration of tools in 'PREVENT_EDGE_BLOWOUT' function to offer the ability to assign different tools for different functions.	67846
		Added part numbering labels to Post for display in MPR. Allowing you to use the MPR display on a monitor in order to apply labels at the end of a cutting sequence.	69524
		Improved processing time when processing MPR files with ABD condition and drilling.	69460
Grids	Added the ability to group by features class in the grids of the following forms: Sales Orders and Sales Order Inquiry, Feature Sets, Order Line Instances and Engineering Browser, Bids, Product Versions and Product Version Inquiry, Style Versions and Style Version Inquiry, and Product Identity Inquiry.	66541	
IDM Upholstery	Enhanced IDM Export to allow attachments to the catalog to be exportable.	69575	

2020 Insight	Module/Form/Feature	Description	OTR
	IDM Upholstery	Added IDM Catalogs form to manage existing export configuration definitions (see Lookup table Product.IDMCatalogs) and to export IDMP catalogs.	69576
		Use the IDM Catalogs form to manage existing export configuration definitions (see Lookup table Product.IDMCatalogs) and to export IDMP catalogs.	69577
		Wrote protocol during IDM export for the purposes of finding errors and displaying warnings as opposed to only considering valid and complete data.	69579
		Created a standard on how to export price data (IDM basic price and additional prices), with the goal in mind for the stored procedure to allowing flexibility to meet individual needs.	69580
		Added a Flag on product version and catalog version to allow one to deny an export to IDM.	69586
		Added the ability to use lookup Matrices for Hide-IF's formulas for IDM Export.	69300
		In addition to structured formulas and lookup matrices, we have added additional functionality to enable more complex formulas supporting the following: <ul style="list-style-type: none"> <li>- variable declaration</li> <li>- BEGIN an END</li> <li>- IF THEN ELSE</li> <li>- CASE</li> <li>- RESULT</li> <li>- COMPARE limited to enumeration of values</li> </ul>	69301
		Added the functionality to transfer catalog version constraint matrices to IDM.	69302
		Added a function to define exclusions for IDM export for product versions, features and/or options.	69304
		In addition to exporting code from the features / options / product version and catalog versions, you can now export specific descriptions to IDM.	69305
		Added new field 'product code' in product versions for the IDM export to fill the mandatory element TYPE_KEY/TK_Type.	69306
		Added the ability to use 'customer group' for IDM price export.	69307
		Added an additional column to dbo.Options to add a field to define RGB-colours.	69990
		Created a IDM configuration maintenance form to define: <ul style="list-style-type: none"> <li>- Existing export configuration definition</li> <li>- Allow actions for the IDMP 'export' action</li> </ul>	70000
		IDMP Catalog is now able to shown as a tree with all CatalogVersion, ProductVersions, Features and options that will be exported.	70485
		In an effort to be able to adapt the selection of features more easily, this selection (of the features) for the export in now done via a view, which can be customized by the customer if necessary.	70168
		Created a stored procedure to merge all attachments from the attachment typed related to IDM information type, from specific manufacturers into IDM Catalog attachments.	70217

Module/Form/Feature	Description	OTR	
2020 Insight	Inventory	Multiple find related links have been added to the Inventory Transactions form: <ul style="list-style-type: none"> <li>- Items</li> <li>- Lots</li> <li>- Purchase order line inquiry</li> <li>- Purchase orders</li> <li>- Shipments</li> <li>- Location</li> </ul>	63376
		When planning inventory demand, you can now calculate suggestions based on a reordering point.	65427
	Items	Enhanced 'Item definitions' to support multi-language descriptions.	70316
	Machining	Created a new 'Machine Post Setting' form to define settings for CNC post processors.	70218
		Use the CNC Machines form to define the CNC saws, routers, and other machines used in your work centers. The information entered here is used in the nesting and panel optimization environments.	70219
	Matrix Table	Input criteria property values can now be output criteria in lookup matrix tables. Users can refer to any valid input criteria name in [square brackets] in the output value or can enter literal text.	63569
	Mobility - Service Management	Added the ability to capture actual times (ie installation) for service order jobs allowing direct entry of time data, view existing time entries and start / stop time tracking.	67831
	Optimization Management	When working with items in the Panel Optimization module, users can add a generic source item and use it as its own alternate. If UOM conversions are not defined, the primary UOM column value will be highlighted in red. In addition, if X, Y, and Z finished dimensions are not defined, they will also be highlighted in red.	65480
		Released new 'Optimization Management' strategy to provides a centralized resource for planning the most efficient layout for export to nesting optimizers. The modules provide the following benefits: <ul style="list-style-type: none"> <li>- Create optimization batches using flexible process definitions</li> <li>- Create batches from sales orders or work orders</li> <li>- Panel inventory management, including remnant creation and consumption</li> <li>- Optimization visualization and multiple layouts</li> <li>- Management of grain-matched surfaces within or across multiple products</li> <li>- Workflow tools to automate as little or as much of the process as desired</li> </ul>	66041
		Added the ability to process optimizations without having a work order in place to enable decision making information earlier in the process.	67860
		When using the Optimization Management module, there is an editable grid to define operation machine settings on the new Machines tab of the Operations form.	70511
	Order Line Instances	New find-related links have been added to the Order Line Instances form. In addition, previous routing information is now located on the BOM.	59830
	Orders Import	Made improvements to foreign key constraints when importing orders to alleviate issues when an order is being received again (order change) before the first order has been processed.	65127

	Module/Form/Feature	Description	OTR
<b>2020 Insight</b>	Process Management	Users can now define up to 20 criteria properties for item edges by editing the maximum item edges setting on the Product & Process Mgmt > Instance Processing tab of the System Configuration form.	67423
	Product Versions	Enhanced formula functionality is now available when managing product version options and features in the multi-edit mode.	65444
	Project Bidding	Made changes to system settings to improve execution time when processing bid orders for costing purposes.	66377
		Changed the behavior to only reprocess costing to Project Bids when a change exists and/or is needed to keep processing time down.	67777
		Now allow 2020 Fusion line types with styles to be used as estimates in project bidding.	67783
	Projects	Added FLAG functionality to the 'Projects' form.	67814
	Purchasing	Enhanced functionality when calculating supply quantities during demand planning, the system considers only purchase order types with 'Allow in Stock Control' selected. Purchase order types are managed in the Lookup Table 'dbo.PurchaseOrderTypes'.	69433
		Enhancements to the System Action Calculate Inventory Demand Forecast allow you to generate forecasts from a custom start date. For example, you might request a twelve-week forecast starting from a year ago to generate a seasonal forecast.	67723
	Reporting Services (SQL)	Now offer the ability to attach and/or print reports without having to write to the file system first. If providing a Reporting Services Action a parameter named 'SaveToActionQueueAttachments' with a value of 1, it will save the output to the inResponse.ActionQueueAttachments table instead of the file system. This has a benefit to usability by eliminating steps as well as potential reduction to network traffic.	66640
	Sales Orders	Added the ability on 'Order Acknowledgments' to use an image from Construct if available.	64277
		Added a new Production tab on the Order Line Instances form allows users to filter search criteria by Barcode, prdID, or lcID.	63516
		Improved purchase orders tab, in the sales order inquiry form, to now include manually entered orders, as well as system generated orders.	67730
		Created a trigger on update and/or delete on sales order addresses when items are already planned for shipment to confirm the change.	67651
		In the order import process you can now skip order lines, with the status 'canceled' without receiving an error message.	67366
Improved usability with screen layout to have less scrolling - in the form > Sales Order Price Rule Value Sets > in the tab > values > further tab > Matrix Values.		70746	
When copying sales orders, use the Find button on the Copy Order dialog box to display only the new copied order in the criteria results grid.		70001	
Scheduling	Created new 'Work Center Schedule' form to view work center schedules in a calendar view.	69293	

2020 Insight	Module/Form/Feature	Description	OTR
	Service Management	Added Service Management dashboards components to enable the creation of KPI dashboards for service installation: <ul style="list-style-type: none"> <li>- Scheduled Service Order Job Workload by Date</li> <li>- Scheduled Service Order Job Count</li> <li>- Scheduled Service Order Job Workload</li> <li>- Unscheduled Service Order Job Workload by Type</li> <li>- Unscheduled Service Order Job Count</li> </ul>	63984
	Service Orders	Added the ability to change the status of a service job directly on the Service Jobs tab of the Service Jobs form.	67204
		Added a new Resources tab to make it easy to identify all resources currently assigned to a selected job.	67205
		Added a print calendar view, from the Service Order Scheduling form with a new Print tool.	67209
		When viewing an event on the Service Orders Scheduling form, users can now edit the Subject field in the Event dialog box.	67175
		Added the ability when filtering by resources in the timeline view of the Service Order Scheduling form, the system now automatically saves your layout.	67361
	Shipment Loading	Created a new option for 'Loadsequencecheck' to check once per Loading sequence. Created new mode @LoadSequenceControl = 3 In this mode, stored procedure checks identical to mode 1 if there's an Item with lower Load sequence, if so, check in addition if an item with the same Load sequence than the current one has already been loaded. If true the user already accepted this. If not false @UserPromptMessage to : Loadseq n1 is not complete yet. Do you would like to start with Loadseq n2? With the addition of the ability to collapse all and expand all functions to grouped table views we have expanded to capability to keep grid view groups expanded or collapsed after reopen and/or refresh. This allows the ability to use the grouped view of the shipment loading view for ease in preparing shipments.	65834
	Shipments	Added an option, when running the Document Output (Shipments) Action, to output separate documents for separate orders within the shipment.	66738
		Added a new system action 'Maintain System Load Sequence' allowing users to automatically set the load sequence in reverse of the stop sequence.	67087
	Soft Keys	With the release of v12 2020 Insight has transition to Soft Keys, no longer requiring USB devices.	66044
	SQL Server 2019	With version v12.0.0 - 2020 Insight is compatible with SQL Server 2019.	69533
	Third Party Integration	Created an integration with Microvellum, for Microvellum users: to <ul style="list-style-type: none"> <li>- Order Processing - Order lines are automatically added for products to be imported</li> <li>- Product based features/options are driven Engineering Data from Microvellum</li> </ul>	67853

2020 Insight	Module/Form/Feature	Description	OTR
	Usability	<p>Addressed the error message: '62206:Cannot delete record in table 'dbo.Items'</p> <p>That would occur when trying to delete an Item using the DELETE button in the 'form items' - it is now allowed.</p> <p>Hid the 'attribute-Info' button in ATTRIBUTECONTROL for general users. 'FormLayoutExpert' system right will enable. 66649</p> <p>Created a setting where you can determine the Text Type of Vendor Credit or Vendor Return the Stored Procedure 'dbo.spAPP_utlProcessPurchaseReturn' will use the value of this setting for pointID. 66825</p> <p>Added the ability to use the function Sum for icpMaxLength in Items form tab CP/Item Number. 66827</p>	67390
	Work Cells	Created a new Work Cells form to define virtual groupings that allow you to organize work centers to form a single processing unit. Work cells are an integral part of the new Panel Optimization Management module.	70068
	Work Orders	Enhanced usage of criteria property 'Ship.LocationTaxCode' in work order creation to use for routing reassignment or for work order creation.	69910
	Workflow	A new Reconfigure button allows users to reconfigure all inResponse services simultaneously.	67812

## Issues Resolved

	Module/Form/Feature	Description	Version Found	OTR
<b>2020 Construct</b>		Addressed XBG related controls being shown for Non-XBG lines in 2020 Construct manual task.	11.7.0	70310
		Corrected the behavior that when the Article folder name in Construct was greater than 22 characters then 2020 Insight external code results returned no data for that folder.	11.7.0	70490
	BOM Import	Corrected a Deadlock issue in 'spINT_getImportDataItems' that would occur when attempting to process a CUS sales order with two identical KP:BSR order lines.	11.6.0	70034
		The action 'Reimport 2020 Construct Article BOM Data' (sysID = 453) can be used to: - re-import an individual line of a GB - Re-import a single line (CB)	11.7.0	70058
		In the underlying [dbo].[spINT_utilReImportImosArticle] it is only checked if the line has a parent. If true, it will use the parent line's olnID for further processing and will handle it as a GB.  As you can have parent lines that are NOT ltpProcessAsBatch = 1, the implemented check/evaluation was not sufficient and was addressed.		
	Stored Procedure	Fixed drawing extension of .wmf used in Construct EB interface - stored procedure - spINT_utilConsolidateMultipleArticles	11.6.0	69614
<b>2020 Insight</b>	2020 Design Import	Addressed an issue with not being able to import 2020 Design image files when adding the as a miscellaneous file reference.	11.6.0	70248
		Addressed an error during import of 2020 Design KIT files that would occur when reimporting the same order several times due to change orders.	11.5.0	70742
	2020 Fusion Interface	Fixed a problem where manual prices in 'price rules' with attributes were not being retained.	11.6.0	70094
		Corrected the behavior with the 2020 Fusion interface with the cascading feature option, on sub-product was incorrect after changing the design.	11.6.0	69582
	Action Prompt Form	Corrected the behavior of not being able to de-select a check box on an action prompt form.	11.6.0	69588



Module/Form/Feature	Description	Version Found	OTR	
2020 Insight	Action Prompt Form	Addressed the issue of the Action Prompt form returning the error: ----- inSight - Actions ----- VT: Field 'itmNote' not found. ----- OK -----  That occurred when configuring a prompt form for an action with a column tag as a child.	11.4.0	69332
	Archive Tool	Corrected the behavior of the 2020 Insight archive tool to follow the same release versions/checks as the Insight database as defined in the inSightUpgrade.xml.	11.5.1	69283
Attributes	Customer attribute values that were created with dots (periods) in earlier versions now work in current version.	11.5.0	69335	
	Corrected different 'attribute' heights having an effect on alignment.	11.7.1	70159	
AutoStart	Addressed a performance issue where AutoStart caused 2020 Insight to freeze.	11.7.0	70312	
Bill of Materials	Addressed an error that could occur when making changes to order lines in production. If an item (on the change tab) is moved and then determined it should be removed again pressing the delete button would result in the following error: 120364 : Cannot delete record in table "dbo.OrderItems". A reference still exists in table "dbo.OrderItemEdges" ----- OK Details >>	11.6.0	69528	
Block Nesting	Corrected stored procedure 'spUtlCreateNestFromBlueCellOptimizer' that caused a failure if the surface codes included a space.	11.6.0	70422	
BOM Processing	Fixed an error with 'config item' that had no edges but the config item template included defined edge formulas to compute edge dimensions.	11.8.0	70800	
BOM Processor	Addressed performance issue with BOM processing running in v11.7.	11.7.0	70239	
	Addressed issue with more than one procurement alternates executing correctly.	11.6.0	70240	
	Corrected the behavior where a parametric item was receiving the incorrect criteria properties in the instance when there was a non parametric item with a criteria property formula.	11.6.0	70242	
	Corrected an issue where process group fill factors were not calculating on 'Matched items' when 'Rollup BOM Matching' was enabled.	11.5.1	70222	
Catalogs	Fixed an issue where 'catalog version export XML' contained invalid exclusions.		69447	

Module/Form/Feature	Description	Version Found	OTR	
<b>2020 Insight</b>	Catalogs	Fixed an issue in Style Versions > Catalogs - the column "Global?" on the selected site no longer requires selecting more than once.	11.7.0	70291
		Corrected catalog version importing not working when imported 'foIsDefault=1' and another 'foIsDefault' existed.	11.6.1	70059
		Addressed an issue with catalog set up and versions that returned no entries in the glossary for catalog version exclusion strings.	11.6.0	69939
	Checkpoint	Addressed error: ----- 69030: Problem with formula: Line 15: The 'name' attribute is not declared. Line 15: The 'caption' attribute is not declared. Line 15: The 'align' attribute is not declared.  That would occur when using the XML control element IMAGE in a XML definition for a custom scanning and trying to save the checkpoint.	11.7.0	70238
	Commissions	Addressed error message '60348: Please add a valid Currency Exchange Rate' that under a rare use case would occur while calculating commission values in sales orders.	11.7.0	70546
	Container Organization	Fixed manual container 'drag and drop' feature that did not work.	11.6.0	69416
	Customers	Corrected the behavior when the text in the notes field exceeded the space available for display, no vertical scroll bars were added to allow you to see all notes.	11.5.0	69331
		Corrected the behavior that allowed the ability to delete a customer when that customer was already associated with a 'Project'.	11.5.0	70204
	Email Generation	Corrected a behavior that was causing the email generation action with SQLstring to delete after 2000 characters while importing an email action.	11.7.0	70285
	Engineering Browser	Corrected the behavior in 'order line instances' under the debugging tab where the tree was not being refreshed as intended.	11.5.0	67789
EPS Output	Corrected issues with EPS output inResponse DLL: -With the image of the patterns the pattern number would not change - Grain is defined on each part, parts are now being rotated properly	11.5.1	69459	
	Corrected invalid values in EPS output file causing files not to be viewed in EPS view and would not load on the EPS printer for printing.	11.6.1	69625	
Exclusion Matrix	Corrected Exclusion Matrix errors text being truncated and not returning all relevant information.	11.6.0	70088	
Features	Corrected the behavior that you could no long delete a formula when on the 'Structured' tab of the set option formula in the 'features' form.	11.6.0	69458	
	Corrected an issue when making a feature option attribute 'invisible' it was unintentionally moving it to a separate tab.	11.6.0	69289	

Module/Form/Feature	Description	Version Found	OTR	
<b>2020 Insight</b>	Features	Fixed an error where the feature name character limit of 50 was dropping off anything after 30 characters.	11.6.1	69924
	Forms	Fixed error: ----- 62201 : Cannot insert the value NULL into column 'frmCode', table 'inSight_TEAM.Lang.Forms'; column does not allow nulls. UPDATE fails. ----- That was derived unpredictably when opening a manual action form that contained a grid.	11.6.0	69644
	Formulas	Addressed error: "CS0029. Cannot implicitly convert type 'LookupMatrixValue' to 'Boolean'.  that would occur when running or validating a formula that called 'GetLookupMatrixValue' or 'GetLookupMatrixValueAsOfDate' for a Matrix with an output criteria of Bit Datatype.	11.7.0	70160
	Framework	Fixed an access violation issue in the 64-bit version when hovering over and/or clicking the grid header menu item.	11.0.0	65987
	Gen Post	Corrected inaccurate tool diameter for cutouts when routing settings were cross-referenced.	11.6.0	69495
		There were instances where 180-degree arc was causing the program to stop or to give a tool compensation error. Breaking the arcs into two 90-degree arcs addressed the issue.	11.7.0	70448
		Corrected the behavior where 'REDUNDANCY=0' did not work properly for redundant Z values.	11.6.0	70053
		Addressed an issue with part shape geometry not always being detected when converting MPR to ABC.	11.6.0	70014
		Corrected a calculation error when doing the interior machining (DUST_EDGE_OFFAL).	11.7.0	70524
	Grids	Corrected an issue with grid 'Contextmenu' to now be translatable to other languages in the forms purchase stock control or manufacturing stock control.	11.6.0	69514
	IDM Export	Corrected an issue where rules setting default options were missing.	10.6.0	67805
	Instance Processing	Corrected a behavior when using 'configured item' functionality, replacing a Construct generated MTO item with a template based MTO item would cause the routing reassignment not to work for configured items.	11.7.0	70476
		Addressed an Instance Processing failure that occurred if more than one procurement alternate was defined and multiple were 'true'.	11.8.0	70787
		Addressed an issue where Configured Items were not matching during instance processing and new instances were being created.	11.3.0	70790
Inventory	Addressed performance issues with the 'Inventory Counts' form that occurred when creating a count and scheduling.	11.7.0	70325	

Module/Form/Feature	Description	Version Found	OTR	
<b>2020 Insight</b>	Inventory	In the 'Inventory Transaction' form > GL Class was inadvertently removed as a drop down choice and has been restored.	11.5.1	70272
		Corrected system action 'Process Reverse Inventory Transaction' removing procedure failure and deleting items in 'shipped' status.	10.3.1	69482
		Corrected a code issue found in stored procedure 'spUtilProcessInventoryTransactionReversal'.	11.5.1	69616
	Invoices	Corrected an issue that causing an incorrect invoice calculation when using discounts and/or partial deliveries.	10.6.1	69604
		Corrected a currency exchange rate issue when going from UDS to CAD and/or the reverse.	11.6.1	70885
	Item Matching	Optimized performance for import item matching.	11.6.0	69505
	kit file import	Addressed a performance issue with kit file import of larger orders.	11.5.1	70463
	Line Items	Addressed the behavior where 'Clone Lines' for changing product configurations were visible in places they should not have been.	11.3.0	69597
	Location Scanning	Fixed an issue when in Parts Buffer > Scanning; scanning any container from the work order list - location fields in the bottom right quadrant would populate on initial scan, but now it is also addressed when rendered as scan history.	10.9.0	69455
	Manual Containers	Corrected an issue where SA-level items were not auto-shipped with manual containers as intended. This occurred when the sub-assemblies were first put into a new manual container, and the manual container was scanned at that checkpoint, the SA-level item was not shipped.	11.6.0	70149
		Corrected an issue with scanning ICNs on manual containers and then scanning the manual container onto a different (nested) manual container. When the top level container is opened again and a nested container removed via scan, the order items are now updated to the status specified with 'StatusValue_OrigMfgOffContainer' as in previous versions.	11.3.0	69423
		Improved the behavior of 'DisableUnloadScan' to check both CON and ORI scans in addition to ICN scans to avoid accidentally unloading.	11.6.0	69889
	Manufacturing Stock Control	Addressed performance issues in the 'Manufacturing Stock Control' form when returning a result set.	11.7.0	70461
	Markets	Corrected issues found with the pushover grid, in the market form, on the catalog version tab: <ul style="list-style-type: none"> <li>- Addressed ability to only use catalog version with a lower milestone than 'firmed</li> <li>- Addressed the ability to chose more than one catalog version</li> </ul>	11.7.0	70228

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2020 Insight	Markets	Addressed error message: 69007 "Inconsistent state: row in Selected.DataSet not found"  when removing all selected markets into 'available' in the form 'customers' and the tab 'markets'.	11.6.0	69412
	Master Scheduling	Fixed an error in master scheduling when changing operation dates receiving the following error: 'VSIDBException: Violation of UNIQUE KEY constraint "UX_Container_conDate_pdtID_conSequence". Cannot insert duplicate key in object "dbo.Container". The duplicate key value is (2020-01-30, 32, 1). Warning: Null value is eliminated by an aggregate or other SET operation. Violation of UNIQUE KEY constraint "UX_Container_conDate_pdtID_conSequence". Cannot insert duplicate key in object "dbo.Container". The duplicate key value is (2020-01-30, 32, 1). Warning: Null value is eliminated by an aggregate or other SET operation.  Dataset= StoredProcProcessOperationDateEditing (TDynChStoredProc)	11.6.0	69650
		Corrected an issue in FB articles, when assigning a new routing to the parts in Master Scheduling, the quantity was being multiplied by the number of the position quantity (number of SA item) causing the amount to change afterwards and the Production Order was increased.	11.5.0	67795
		Addressed performance issues and locks in master scheduling that occurred when choosing multiple lines (@ a time) and you changed the routing.	8.6.5	67827
		Addressed performance issues and system locks that would occur in Master Scheduling when selecting multiple/many lines and you would apply a change to the routing.	8.6.5	67828
		Corrected an issue that would occur when changing the routing of two or more instances (in Master Scheduling) at the same time causing the BOM (for the same item) to be different.	11.7.0	70153
		Corrected an issue where conditional operations would not work with 'InstancePlantCode' in Master Scheduling - when using conditions in routing the system was ignoring the conditions.	11.7.0	70132
		Fixed an issue when the [Capacity Hrs] value was incorrect when there was more than one production order on a given day.	11.7.0	70779
		Addressed an issue that occurred when you would double click in a cell from the Schedule Overview tab > master scheduling form, not all data was selected into the order line grid at the bottom. Therefore, not all data was available for the 'Button actions'.	11.7.0	70825

Module/Form/Feature	Description	Version Found	OTR	
2020 Insight	Mobility	Upgraded Xamarin forms to alleviate an issue receiving blank screen after login on iPad running iOS 13.3.	11.7.0	70054
		With iOS 13 a new black themed background was introduced, addressed a black on black text issue.	11.7.0	70062
		Addressed issue with opening 2020 Insight mobile apps with an iPhone 8.	11.5.1	70435
	Order Entry Client	Fixed an issue with 'order entry client' access violation that would occur when associating relationships or roles to contacts.	11.7.0	70472
	Order Import	Addressed error: Error 2627 Violation of UNIQUE KEY CONSTRAINT 'UX_Address_venID_actID_addLocationCode'  That would occur on order import with manual order line ship to address'.	11.6.0	69561
	Payment Terms	Fixed error message: ----- 2020 Insight - Payment Terms ----- Cannot focus a disabled or invisible window.  that would return on the payment terms form after entering a discount2 days and percentage value lesser than discount1 days.	11.5.0	67705
	Price	Corrected a performance issue that would occur while adding Price Rule Value Sets to Price Lists.	11.7.0	70737
	Product Identities	Corrected the behavior in the 'product versions form > identity tab' to be editable and the default fault value of 'Product.ProductVersionFeatureOptions' is now filled into the option value of the identity.		70220
	Product Versions	Addressed error message: ----- inSight - Product Versions ----- QueryFeatureSettings: List index out of bounds (10) ----- OK -----  That occurred when attempting to use Product Version MulitEdit >options> selecting a feature.	11.7.0	70072
		Corrected a behavior when using the action 'Create Product Version from items' (SystemID 266) that was only allowing selection of the catalog version which had already been assigned to a product version. Now able to select all catalogs that are available.	11.5.0	69503
Project Bidding	Addressed an issue editing bids when cascading attributes or project information would result in a stack overflow or a system crash.	11.6.0	69295	
Projects	Addressed incorrect values in attributes for projects as well as missing attributes.	11.5.0	69468	

Module/Form/Feature	Description	Version Found	OTR	
2020 Insight	Projects	Addressed incorrect data value displaying in SQL for addresses in the 'Projects' form.	11.5.2	70104
	Purchasing	Corrected an issue in purchase price rule criteria item where 'use description = both' was incorrect.	11.7.0	70158
		Corrected an access violation error that occurred when using 'purchase order inquiry' form with an inquiry user license.	10.8.0	69937
		Addressed error message: 62200: Could not insert record. A record with pohID="110", polLineNo=" 1", prlID=" 3" already exists in dbo.PurchaseOrderLinePricing.	11.6.0	70047
		That would occur when copying purchase orders call off from a blanket order.		
		Addressed incorrect suggested values for safety stock that occurred in 'Stock Control' for 'Period Order Supply' when onOrder>0 in a future period.	11.5.1	70010
		Addressed performance issues in the 'Purchase Stock Control' form when returning a result set.	11.7.0	70460
		Addressed a performance issue in purchase order dialog.	11.7.0	70735
		Improved an performance issue with purchase stock control.	11.7.0	70797
	Reject Procedure	Improved the performance/time when using the checkpoint reject frame.	11.6.0	69863
	Reject Work Order	Corrected a stored procedure 'spBAS_insRejectedWOItemSelection' that had an incorrect reason type value.	11.7.0	70205
	Replacement Parts	Addressed error: System.Data.SqlClient.SqlException: 90021: Error 50497, Message: 'Advanced BOM Processor failed. See Application Log form for more info. Microsoft.SqlServer.Types.HierarchyIdException: 24008: SqlHierarchyId.GetDescendant failed because 'child1' must be a child of 'this'. 'child1' was '/7/4/1/' and 'this' was '/6/4/'.	11.3.0	70819
		That would occur with replacement oder and Procurement alternate processing.		
		Corrected an issue if 'root item' was selected (entire cabinet) incorrectly an additional manufacturing item added as the root of the BOM.	11.3.0	70820
Sales Orders	Addressed the issue where changing the customer in a sales order and pressing OK would result into closed dataset error.	11.5.0	67786	
	Addressed a flickering issue that would occur when changing into the SHIP-Address form if the sales order contained more than 200 line items.	11.4.0	67808	

Module/Form/Feature	Description	Version Found	OTR	
2020 Insight	Sales Orders	Corrected an issue with inconsistent pricing between using the 'price/re-price' button in the sales order form and using one of the actions for 'sales order validation and pricing'.	11.5.0	69867
		Addressed a 'List index out of bounds (0)' error that occurred when grouping sales orders by status, making a change to the order status and then editing the order.	11.6.0	69879
		Addressed error message - ----- Warning ----- 60868: The selected address is not valid for this order  That occurred when adding new addresses to a sales order when using lower case characters for the customer code.	11.5.1	69884
		Addressed a performance issue with the 'sales order price rules' internal query.	11.5.0	69891
		Addressed a performance issue in sales order dialog when retrieving order costing.	11.5.0	69678
		Addressed ambiguity in error messages for numeric option range violations in sales orders.		69618
		Corrected an issue when editing outdated lines would cause a failure if the canceled line was also outdated.	10.9.0	69633
		Addressed the color scheme discrepancy with column headers and the background when using Sales Orders > Lines tree.	11.6.0	69634
		Corrected an issue with the button 'Price' in the 'Sales Orders' form and in the grid 'Lines/Pricing' the field 'Price List' (plcode) visible, the field now refreshes as intended.	11.6.0	69565
		Fixed an issues that occurred after Sales order validation where 'option origin' form imported modifications was inconsistent in its behavior.	11.3.0	69568
		Corrected an issue where you needed to try (click) twice on button 'show style grid' in order to change to style grid.	11.6.0	69592
		Addressed error: 'Could not convert variant of type (Null) into type (OleStr)' that would occur if Criteria Set did not contain a name.	11.4.0	67862
		Corrected an error on opening a flagged order - not being able to convert variant of type (Array Byte) into a type (Integer).	11.6.0	69310
		Addressed an issue where the button to apply feature sets to a sales order line was disabled if the sales order header was >= firmed but the affected sales order line is new and in initial state. The button only depends on the state of the sales order line.	11.6.0	70831
		Addressed an issue with sales order import where existing orders, with contacts, failed due to the fact the Import was inserting contacts as opposed to merging them as intended.	11.4.0	70841



Module/Form/Feature	Description	Version Found	OTR	
2020 Insight	Sales Orders	Addressed an issue with sales order import where the style version feature option origin was missing a default value causing the import to fail.	11.8.0	70870
		Corrected the behavior where no value was returned for system criteria property 'ProductIdentityNumber' on the sales order line instance.	11.7.0	70534
		Addressed a behavior with sales order line action 'copy from order' in the 'sales order line inquiry' window using the shift and arrow did not allow the selection of more than two rows.	11.7.0	70275
		Fixed a sales order import issue that items with phantom item components would fail.	11.7.0	69923
		Fixed an issue with an incorrect cursor position in the 'feature/option' dialog in the sales order line tab. Causing incorrect data when entering a new order line when leaving the quantity field the active option belonged to first feature.	11.6.1	69994
	Service Mobility	Addressed issues that would not allow creating service orders or changing quantity on replacement service orders.	11.7.0	69979
	Shipments	Addressed an auto ship items issue where the shipment loading of a manual container did not auto-ship the BOM parents when all components were on the container.	11.5.1	70520
	Shop Floor	Corrected the behavior in Checkpoints - so now if no locations are selected all are now available.	10.13.0	67792
	Splitter Bar	Corrected an issue that would cause the horizontal splitter bar to freeze.	11.5.1	67796
	Status History	Corrected a behavior with the sorting of status histories after change on date/time.		67715
	Status Workbench	Corrected an issue with Status workbench 'add action' button would disable when canceling and an action by clicking escape or a different status rule.	11.5.0	67202
		Corrected the workflow action 'Updated PO from PO line (system ID 129) that was not updating the status correctly if all purchase order lines were updated to complete receipt.	11.6.0	69407
		Fixed an 'access violation error' that would occur when undocking the status workbench form.	11.6.0	69946
		Changed status workbench grid size to respect new status size.	11.7.0	70099
	Style Versions	Addressed global 'style version' that would not display features and options.	11.7.0	70102
System Configuration	Addressed an issue when enabling "Allow User language" in System Configuration (System->User Interface) it was not working as intended.	11.6.0	67791	
Tasks	Fixed an issue that would cause a 'resource error' in the form 'Tasks' when using the icon set 'Insight 10'.	11.6.1	69948	
True Shape Nesting	Addressed an issue when right-click menus in the CAD interface could return empty.	11.6.0	69493	
	Corrected parts overlapping when auto-nesting with two or more veneer mother groups in the nest.	11.6.0	69607	

	Module/Form/Feature	Description	Version Found	OTR
<b>2020 Insight</b>	True Shape Nesting	Addressed auto-nesting in multi-material scenarios that yielded unintended results.	11.6.1	69862
		Addressed an issue when the 'Default' material was NOT the smallest sheet size, the results would get out of sequence and when drawn in the summary view some parts were off the sheet.	11.6.1	69894
		Addressed an error in the preview post (CAD Window) non-rectangular pockets were being drawn as rectangles.	11.6.0	70007
		Addressed an issue with saw blades appearing in sequencing screen when they are in the Nest.	11.6.1	70249
	Upgrade	Address error: Invalid object name 'inResponse.vwActionsForSSBNotifications'.  That occurred when upgrading from 2020 Insight v11 to v12.	12.0.0	70772
	User Templates	Addressed an issue when using the 'user template' it would incorrectly resulted in the cursor showing in the top left corner of the screen.	11.7.0	70474
	Vendor Managed Inventory	Fixed an issue where vendor managed inventory action was not consuming from blanket purchase orders.	11.4.0	67820
<b>2020 Nest</b>		Addressed a 'list index out of bounds (1), no parts are nested' error that occurred would occur when nesting veneer mother grouped parts.	11.5.0	67851
		Corrected issue where ABC Nest would return LIOOB (0) when auto nesting.	11.6.0	69417
		Corrected an issue where the system was searching for the nesting part files on a hard drive as opposed to the correct table.	11.6.0	69338
		Addressed an issue where MPR conversion needs to use 'toolname' as a base for RST name to receive a correct diameter and not influence part spacing.	11.7.0	70118