

StruM.I.S 8.1
General Enhancements





StruM.I.S 8.1 General Enhancements

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Review Improvements in StruM.I.S 8.1- Help Notes

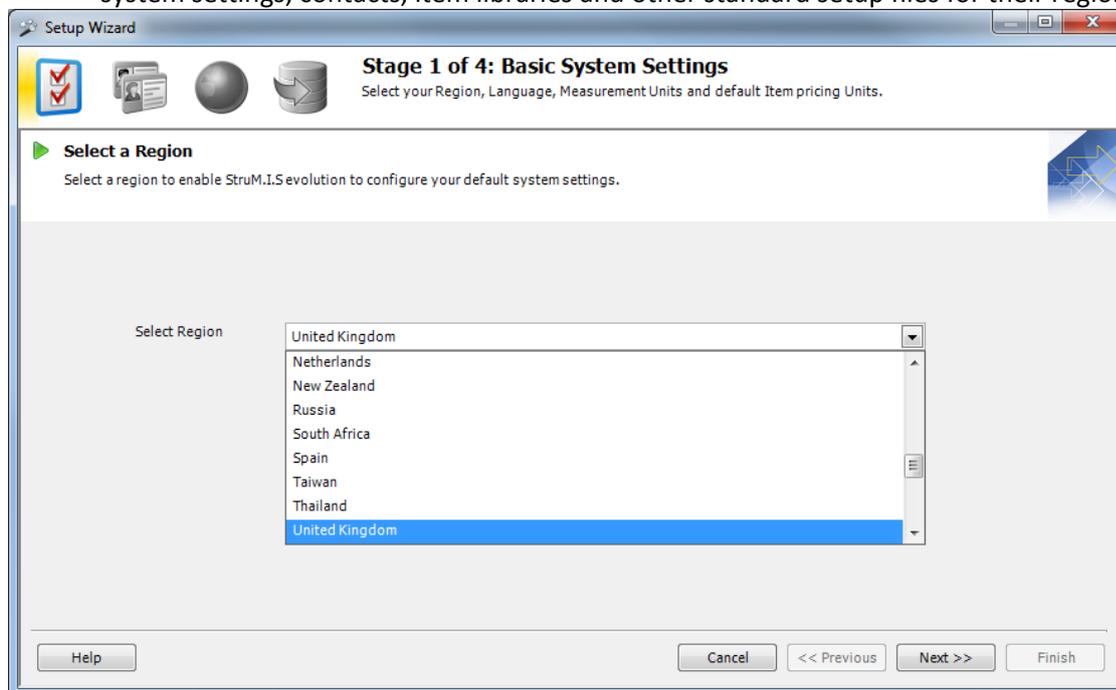
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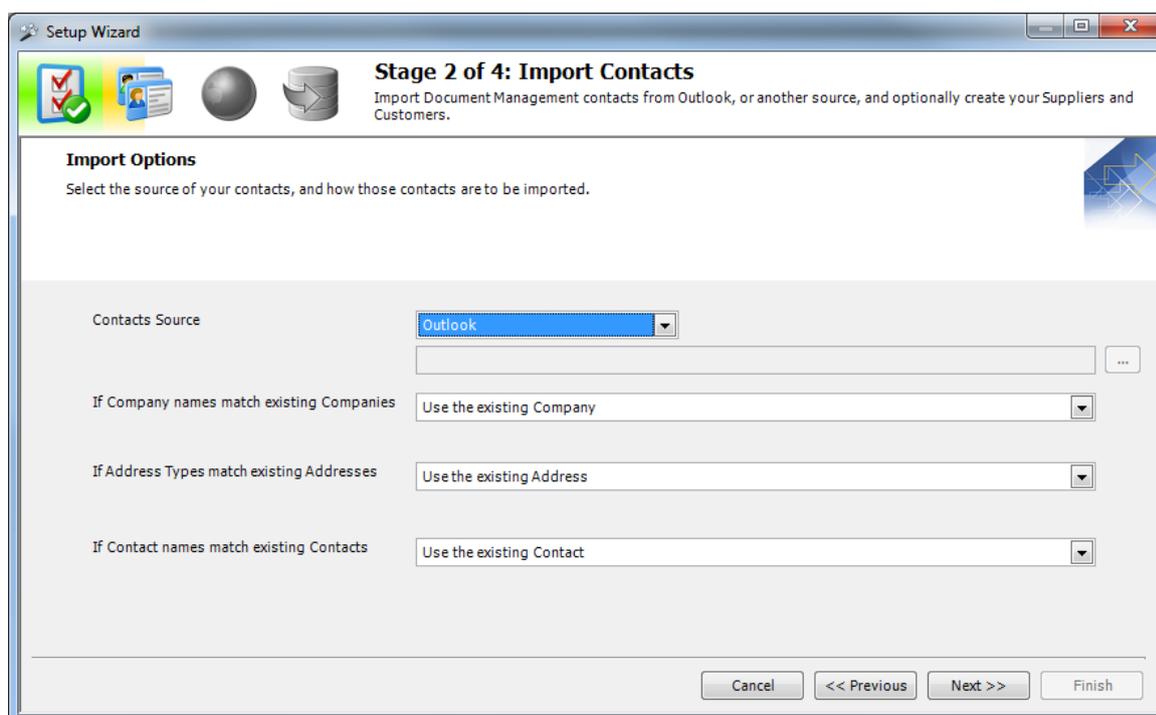
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General Enhancements

- StruM.I.S now runs as a 64 bit application in 64 bit environments.
- A new setup wizard is included with StruM.I.S, allowing users to quickly establish their basic system settings, contacts, item libraries and other standard setup files for their region.



- By using the StruM.I.S setup wizard, users have the ability to import their existing database of contacts from Microsoft Outlook or a CSV file. These contacts can then be defined as either customers or suppliers within the wizard.



- The Address/Contacts tabs for Customers & Suppliers have now been merged and simplified.

The screenshot shows a software interface with tabs: Details, Addresses / Contacts, Custom Fields, Attachments, and Information. A yellow banner at the top reads: "The Customer; Addresses / Contacts form allows the user to manage Customer contact information." Below this is a table with columns: Address Type, Line 1, Line 2, Line 3, Line 4, and ZIP / Post. The table contains three rows of address data.

Address Type	Line 1	Line 2	Line 3	Line 4	ZIP / Post
Main Office	Truro House	Stephensons Way	Wyvern Business Pae	Derby	DE21 6LY
Regional Office	Lamb Office Block	Bradwell	Bradwell Business	Derby	DE34 6TR
Regional Office 2	Eagle Business Centr	Tracey Road	Etwall	Nottinghamshire	NG13 2E

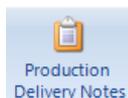
At the bottom of the form are buttons: Save As New, Delete, New, Save, and Close.

- Groupings have been applied to each modules Navigation menu to simplify the users working view.

The screenshot shows a navigation menu titled "Purchasing & Suppliers". The menu is organized into several grouped sections:

- Suppliers**
 - Supplier
- Purchasing**
 - Purchase Order
 - Purchase Order Receipts
 - Purchase Invoice
 - Purchase Order Return
 - Import Purchase Order Quotes (EDI)
- Rolling Cards**
 - Roll References
- Reports**
 - Purchasing & Suppliers Reports
- Setup**

- Production delivery notes has been added to the contract ribbon, for quick user access.



- Within the estimating module an ellipsis button has been added to 'Default Payment Terms' field, providing greater flexibility for customers primarily using the enquiries and estimating tools.

The screenshot shows a software interface with tabs: Details, Addresses / Contacts, Custom Fields, Attachments, and Information. A yellow banner at the top reads: "The Customer; Details form allows you to define a customers details." Below this are several form fields:

- Customer ID:
- Name:
- Customer Type:
- Currency:
- External Reference:
- Default Payment Terms:
- Default Tax Code:

At the bottom of the form are buttons: Save As New, Delete, New, Save, and Close.

Estimating Enhancements

- For greater flexibility an ellipsis button has been added to the 'Bid Status' field of the Enquiry/Final details form.

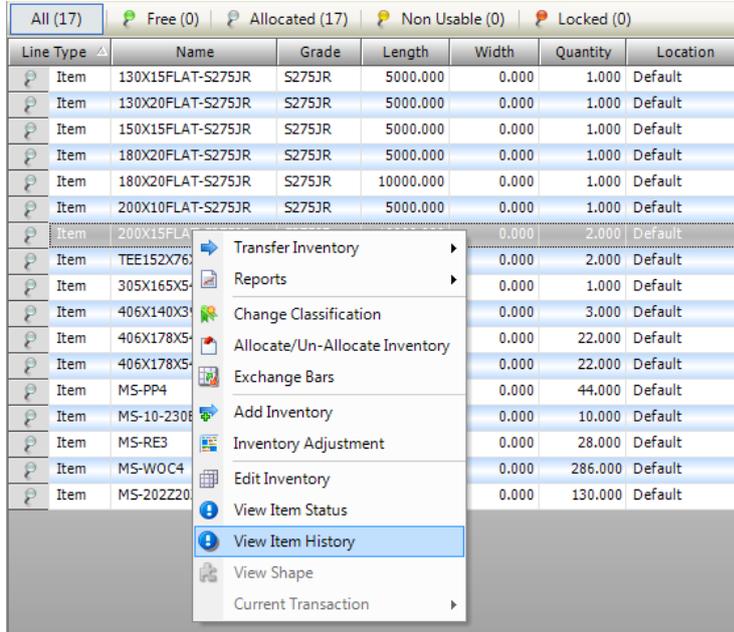
The screenshot shows a software window titled 'Final Details' with the following fields and controls:

Field Name	Value / Control
Bid Status	Unknown (with ellipsis button)
Bid Date	[Empty dropdown]
Date Won	[Empty dropdown]
Final Weight (T)	0.000
Final Area (M²)	0.000
Final Value	0.000
Percent Return	0.000

At the bottom of the window, there is an 'Actions' dropdown menu and a row of buttons: 'Save As New', 'Delete', 'New', 'Save', and 'Close'.

Items & Inventory Enhancements

- Within the inventory search grid, users can now use a new option 'View Item History' to show the various transactions that an item / offcut has gone through (e.g. Purchase Order, Purchase Order Receipt, Nesting Allocations, Cutting Transactions etc.)

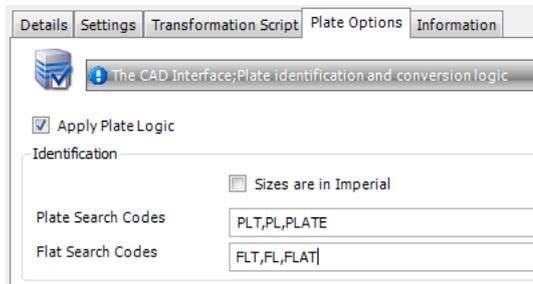


The screenshot shows an inventory search grid with a context menu open over the 'View Item History' option. The grid has columns for Line Type, Name, Grade, Length, Width, Quantity, and Location. The context menu includes options like Transfer Inventory, Reports, Change Classification, Allocate/Un-Allocate Inventory, Exchange Bars, Add Inventory, Inventory Adjustment, Edit Inventory, View Item Status, View Item History, View Shape, and Current Transaction.

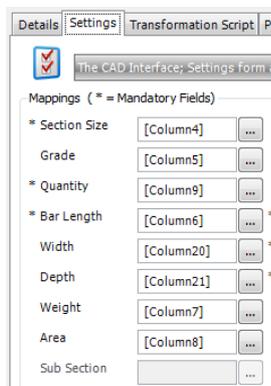
Line Type	Name	Grade	Length	Width	Quantity	Location
Item	130X15FLAT-S275JR	S275JR	5000.000	0.000	1.000	Default
Item	130X20FLAT-S275JR	S275JR	5000.000	0.000	1.000	Default
Item	150X15FLAT-S275JR	S275JR	5000.000	0.000	1.000	Default
Item	180X20FLAT-S275JR	S275JR	5000.000	0.000	1.000	Default
Item	180X20FLAT-S275JR	S275JR	10000.000	0.000	1.000	Default
Item	200X10FLAT-S275JR	S275JR	5000.000	0.000	1.000	Default
Item	200X15FLA			0.000	2.000	Default
Item	TEE152X76			0.000	2.000	Default
Item	305X165X5			0.000	1.000	Default
Item	406X140X3			0.000	3.000	Default
Item	406X178X5			0.000	22.000	Default
Item	406X178X5			0.000	22.000	Default
Item	MS-PP4			0.000	44.000	Default
Item	MS-10-2306			0.000	10.000	Default
Item	MS-RE3			0.000	28.000	Default
Item	MS-WOC4			0.000	286.000	Default
Item	MS-202220			0.000	130.000	Default

CAD Interfaces Enhancements

- When applying plate logic to a CAD Interface users are now able to specify multiple flat and plate codes to search for in the import file (e.g. PL, PLT, PLATE).



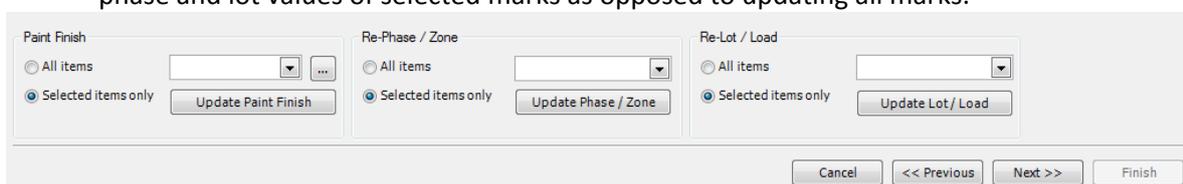
- When working in metric, preliminary, detailed & estimating CAD Interfaces now have a Depth column that can be used in conjunction with the Width column when calculating plate logic.



- StruM.I.S now includes BIMReview CAD interfaces for estimating and preliminary/detailed listing, providing advanced levels of referencing and visualisation.

The Length & Width columns on the Item Listing grid of the Import Preliminary / Detailed Listing Wizards can now be displayed / entered in imperial measurements.

When importing a detailed list within StruM.I.S, users can now choose to update paint, phase and lot values of selected marks as opposed to updating all marks.



- When importing a preliminary listing the List Number can now be imported, as this field can now be mapped to on the Prelim Listing CAD interfaces.

Details Settings Transformation Script Plate Options Information

 The CAD Interface; Settings form allows you to specify the settings for a CAD Interface.

Mappings (* = Mandatory Fields)

* Section Size	[Column4] ...	Labour Usage	...	Paint Finish	[Column13] ...
Grade	[Column5] ...	Reference	...	Revision	...
* Quantity	[Column9] ...	Details	[Column12] ...	Assembly ID	...
* Bar Length	[Column6] ...	Assembly Mark	...	Site Member ID	...
Width	[Column20] ...	Mark	...	Site Member	...
Depth	[Column21] ...	Item Mark	...	Main Member	...
Weight	...	Prelim Mark	[Column3] ...	IsShaft	...
Area	...	Phase/Zone	[Column10] ...	EDI Section Code	...
Sub Section	...	List Number	...	EDI Delivery Date	...

Contract Management Enhancements

- When importing a Detail Listing users now have the ability to batch update the paint finish and phase/lot attributes of items by a particular selection. Rows of items are selected, which will in turn automatically update any associated sibling/parent/child rows, even if they are not selected.
- Revisions can now be made at all stages of production. Both mark items created and mark item quantity increase are now treated as non-material revision rules rather than material revision rules, resulting in much more flexibility.

Option	Option Setting
Mark Description	Allow All Revisions
Non-Material Changes	Allow All Revisions
Material Changes	Allow Revision if Released
Mark Quantity Increase	Allow All Revisions
Mark Quantity Decrease	Allow Revision if Released
Mark Remove	Allow Revision if Lotted
Always apply production length revision changes	<input checked="" type="checkbox"/>

- A new option 'Hold all mark items on a revised mark' has been added to the Detailed Listing wizard finish screen. With this option unchecked only the affected mark item (and parent mark) will be placed 'On Hold'.

New / Changed Items

Ignore all new items
Ignore all new items in the revised source file

Hold marks where new mark items cannot be created
Put existing marks on hold if new mark items on the mark cannot be created

- A new Hold all mark items on a revised mark option has been added to the Import Detailed Listing wizard finish screen. This option places all mark items on hold, when their parent mark is placed on hold.

Revise changed items
For all changed items create revisions for revisable items, or place non-revisable items on hold and leave to come back later

Hold all mark items on a revised mark
Put all mark items of a mark on hold when a mark is placed on hold

- StruM.I.S users can now create a revision at any stage, even if items have been cut in production. This is done via the new Allow All Revisions option in the Contracts Management Options.

Option	Option Setting
Mark Description	Allow All Revisions
Non-Material Changes	Allow All Revisions
Material Changes	Allow Revision if Released
Mark Quantity Increase	Allow All Revisions
Mark Quantity Decrease	Allow Revision if Released
Mark Remove	Allow Revision if Lotted
Always apply production length revision changes	<input checked="" type="checkbox"/>

- When importing a revised Detail Listing users now have the option of completing the revision even when their Revision Settings mean the revision cannot take place automatically.
- A new form has been added to the import wizard (the Revisions Un-nesting Rollback Options form) where the revised mark item can be un-nested (and automatically un-issued) allowing the revision to take place. Where marks (but not mark item) work orders have been created an Un-issue Rollback Options form may also be displayed to complete the revision.

Import Detail Wizard

Revisions Rollback Options

The grid below shows all mark items that cannot be revised unless they are un-issued and un-nested. To accept the rollback actions click the Un-Nest button for the selected mark items and click the next button to continue. You can un-nest the revised mark items only or the entire bar. But only the revised mark items will be un-issued from production.

Source	Item	Length	Width	Quantity	Cutting Plan	Purchase Order	Cut	Received	View Plate Offcut	Part Cut			
ASD Metal Services (3 Items)	610X229X101UB-S275JR	12200.000	0.000	1	19805	PO-00860	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Drawing	Parent Mark	Mark	Mark Item	Length	Width	Phase/Zone	Lot/Load	Rotated X	Rotated Y	Rotated Z	Sequence On Bar	Cut	
1	1	1	1	9065.000	0.000	1	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	
	Item	Length	Width	Quantity	Cutting Plan	Purchase Order	Cut	Received	View Plate Offcut	Part Cut			
	610X229X101UB-S275JR	12200.000	0.000	1	19805	PO-00860	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Drawing	Parent Mark	Mark	Mark Item	Length	Width	Phase/Zone	Lot/Load	Rotated X	Rotated Y	Rotated Z	Sequence On Bar	Cut
	1	1	1	9065.000	0.000	1	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	
	Item	Length	Width	Quantity	Cutting Plan	Purchase Order	Cut	Received	View Plate Offcut	Part Cut			
	610X229X101UB-S275JR	12200.000	0.000	1	19805	PO-00860	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Drawing	Parent Mark	Mark	Mark Item	Length	Width	Phase/Zone	Lot/Load	Rotated X	Rotated Y	Rotated Z	Sequence On Bar	Cut
	1	1	1	9065.000	0.000	1	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	

Grid Options:

Un-Nesting Options (When a bar has already been cut or part cut)

Options for recovering material

Scrap all cut material (Use this option if the cut material cannot be re-used)

Save all cut material (Use this option if the cut material can be re-used)

Return any cut pieces and the remainder of the bar to Inventory individually

Return any cut pieces and the remainder of the bar to Inventory in one complete length. (Note, this option is only possible when un-nesting the complete bar)

Un-Nesting will try to remove the offcut that was produced. Please verify that the offcut has been removed as some transactions can influence this.

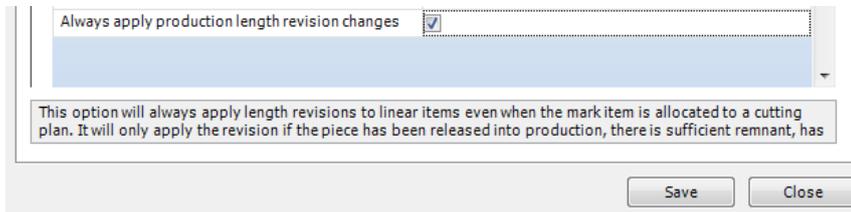
Remnant: 3135mm Waste: 0mm

Mark Name: 1

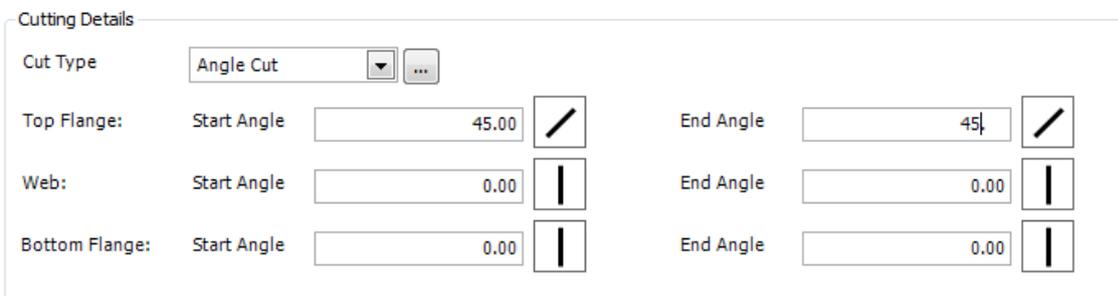
Length: 9065mm

Start Web Angle: 0.00°

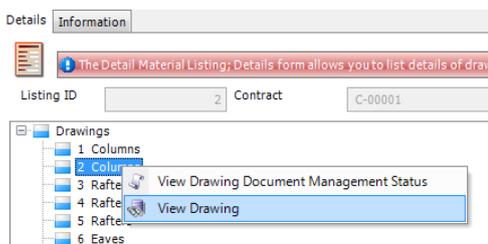
- By checking the Revision setting of 'Always apply production length revision changes' StruM.I.S can now analyse length revisions for linear items and where a bar is long enough automatically update any cutting plans without the need to un-nest or un-issue the item.



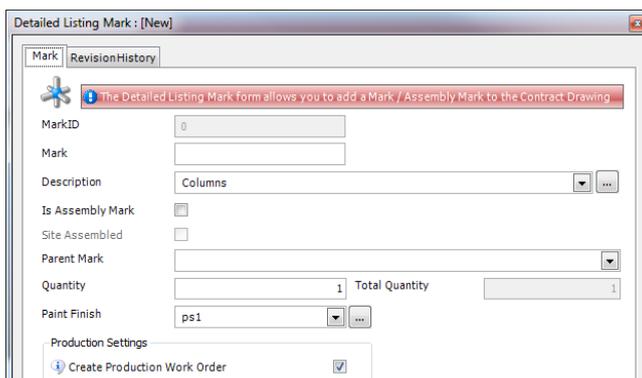
- All angle revisions within StruM.I.S are now identified as a material change, and as such will follow the material revision rules.



- Rich drawing data can now be obtained from the detailed listing drawing tree, by using the View Drawing & View Document Management Status options.



- Paint Finish has now been added to both the mark item and mark Batch Update forms available throughout the system.



- New columns added to the Detailed Listing- Revision History Grid (i.e Mark, Mark Items)

Mark RevisionHistory Notes

This grid displays all revised entries to the Mark if it was lotted

Revision	Drawing	Parent Mark	Mark	Mark Item	From	To	Notes	RevisedBy	RevisedOn
▶ Mark Item Length	9		9	9	4964	5964		Admin	15-Nov-201
▶ Mark Item Weight	9		9	9	268.552	322.652		Admin	15-Nov-201
▶ Mark Item Area	9		9	9	7.36211	8.84521		Admin	15-Nov-201

Save As New Delete New Save Close

- 'Is On Saved Nest' and 'Listed On Saved Nest' columns have been added to the Prelim Listing grid.

Contract Prelim Listing : [C-1205]

Details Notes Custom Fields Attachments Information

The Prelim Listing; Details Form allows you to maintain the preliminary material lists for a contract.

Listing ID: 56 Contract C-1205 Pipe Rack

All Marks (8) Edit (0) On Hold (0) Released (8) Part Covered (0) Supplier Quotations Requested (EDI) (0) Saved Nests (1) Covered (0)

Is On Saved Nest	Listed On Saved Nest(s)	Mark	Code	Item	Length	Width	Phase / Zone	List	Quantity
<input checked="" type="checkbox"/>	Nest 1	1	UB	610X305X149UB-S275	2062.000	0.000	1	1	16.000
<input checked="" type="checkbox"/>	Nest 1	2	UB	610X305X149UB-S275	6316.000	0.000	1	1	16.000
<input checked="" type="checkbox"/>	Nest 1	3	UB	610X305X149UB-S275	9366.000	0.000	1	1	16.000
<input type="checkbox"/>		4	UB	356X171X67UB-S275J	6831.000	0.000	1	1	14.000
<input type="checkbox"/>		5	UB	533X210X82UB-S275J	5675.000	0.000	1	1	28.000
<input type="checkbox"/>		6	UB	305X165X40UB-S275J	2898.000	0.000	1	1	28.000
<input type="checkbox"/>		7	UC	203X203X52UC-S275J	5010.000	0.000	1	1	12.000
<input type="checkbox"/>		8	UC	152X152X30UC-S275J	4289.000	0.000	1	1	12.000

Production Enhancements

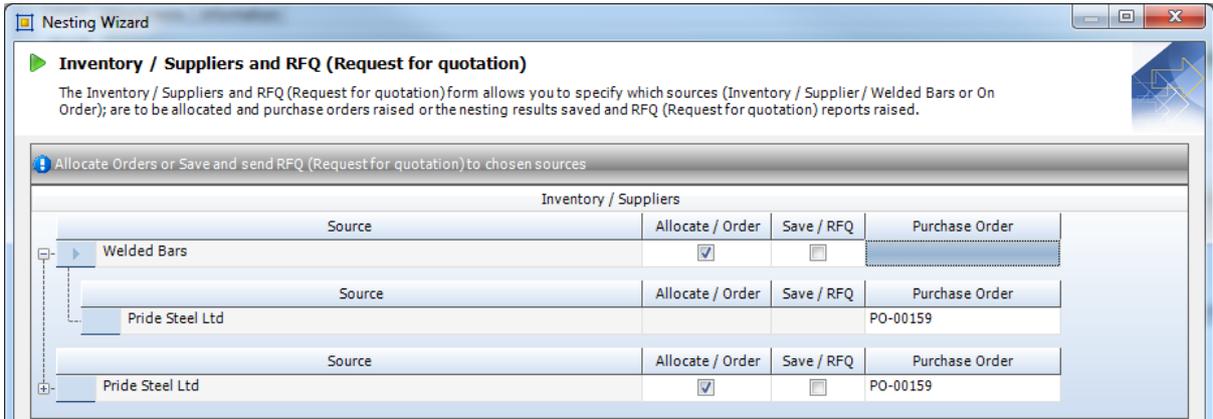
- Data contained within the View/Edit Lots option, can now be sorted so that lots can be arranged in order.

Name	Description	Default Lot	Team	Colour	Fabrication Date	Delivery Date
1	Lot 1	<input checked="" type="checkbox"/>	On site erection	Orange	23-Apr-2012	25-Apr-2012
2	Lot 2	<input type="checkbox"/>	On site erection	Red	25-Apr-2012	27-Oct-2012
3	Lot 3	<input type="checkbox"/>	On site erection	Purple	27-Oct-2012	29-Oct-2012
4	Lot 4	<input type="checkbox"/>	On site erection	Blue	29-Oct-2012	31-Oct-2012
5	Lot 5	<input type="checkbox"/>	On site erection	Green	31-Oct-2012	02-Nov-2012

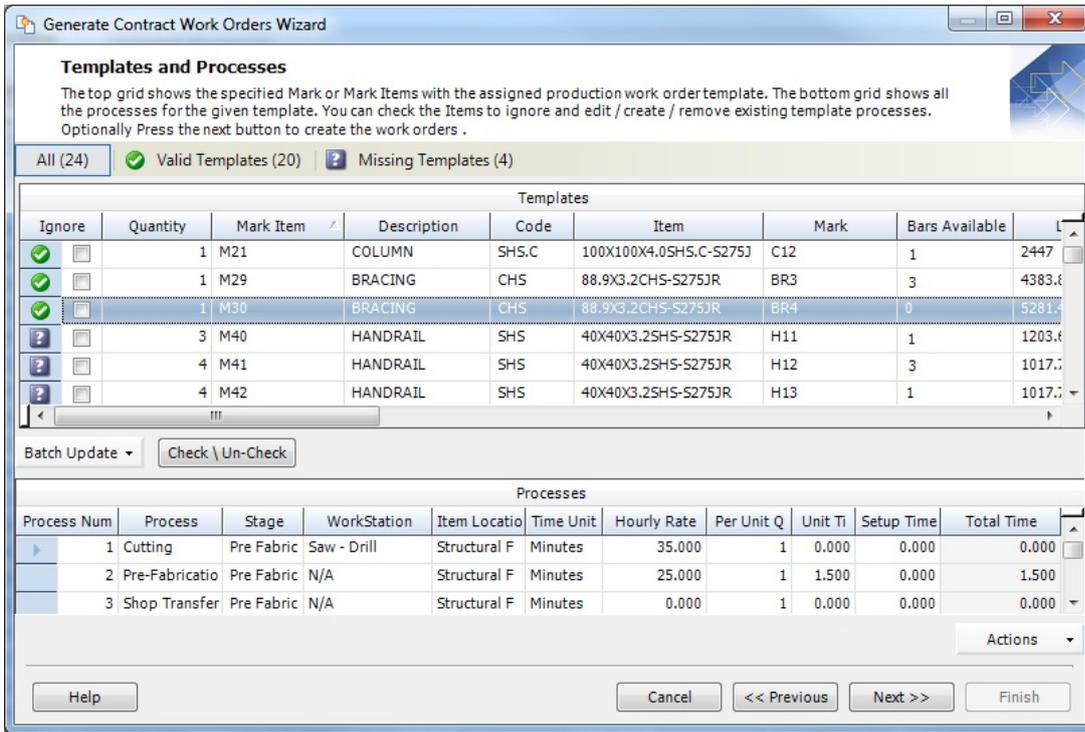
- Users can quickly see within the Nesting & Ordering module which items have NC data associated to them via the “Has CAM NC” column in the data grid.

Mark	Mark Item	Code	Mark Description	Item	Length	Has CAM NC	Width	Type
2	3	FLAT	STRINGER	200X10FLAT-S275	1000.000	<input checked="" type="checkbox"/>	0.000	Fitting
2	9	FLAT	STRINGER	200X10FLAT-S275	3744.780	<input checked="" type="checkbox"/>	0.000	Shaft
2	F26	FLAT	STRINGER	200X10FLAT-S275	335.330	<input checked="" type="checkbox"/>	0.000	Fitting
2	F39	PLT	STRINGER	12PLT-S275	108.000	<input checked="" type="checkbox"/>	85.000	Fitting
6	4	FLAT	STRINGER	200X10FLAT-S275	3817.170	<input checked="" type="checkbox"/>	0.000	Shaft
6	F26	FLAT	STRINGER	200X10FLAT-S275	335.330	<input checked="" type="checkbox"/>	0.000	Fitting
6	F39	PLT	STRINGER	12PLT-S275	108.000	<input checked="" type="checkbox"/>	85.000	Fitting
B1	F33	PLT	BEAM	10PLT-S275	351.400	<input checked="" type="checkbox"/>	170.000	Fitting
B1	F34	FLAT	BEAM	150X10FLAT-S275	351.400	<input checked="" type="checkbox"/>	0.000	Fitting
B1	M11	UB	BEAM	356X171X45UB-S	4471.600	<input checked="" type="checkbox"/>	0.000	Shaft
B2	F33	PLT	BEAM	10PLT-S275	351.400	<input checked="" type="checkbox"/>	170.000	Fitting

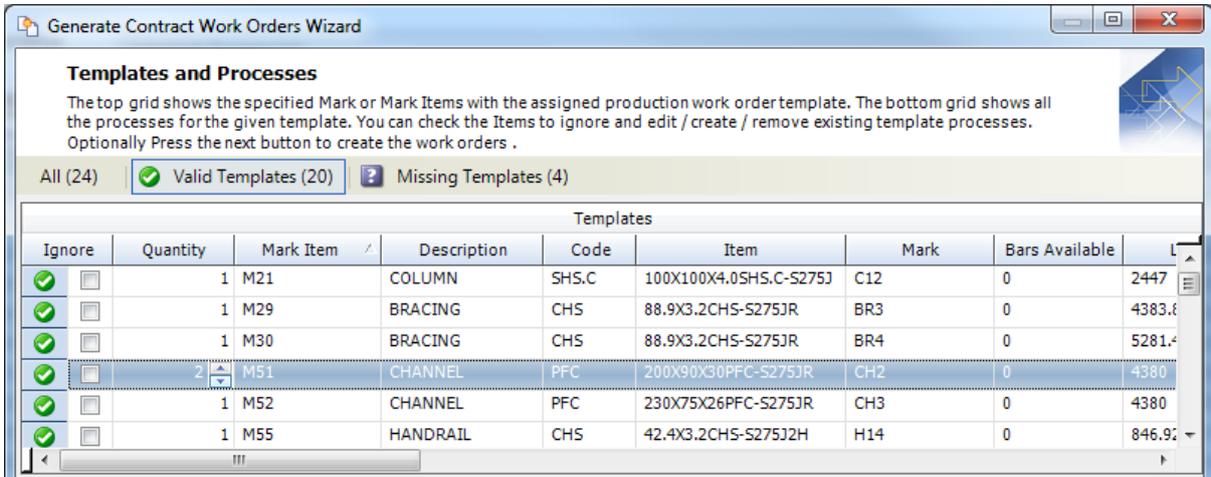
- When nesting to Welded Bars, users are now able to select which Purchase Order to add the bars to.



- A Bars Available column has been added to both the Mark Item work order grid and the Generate Work Order wizard. This gives the user an indication of which nested items have material available in inventory.



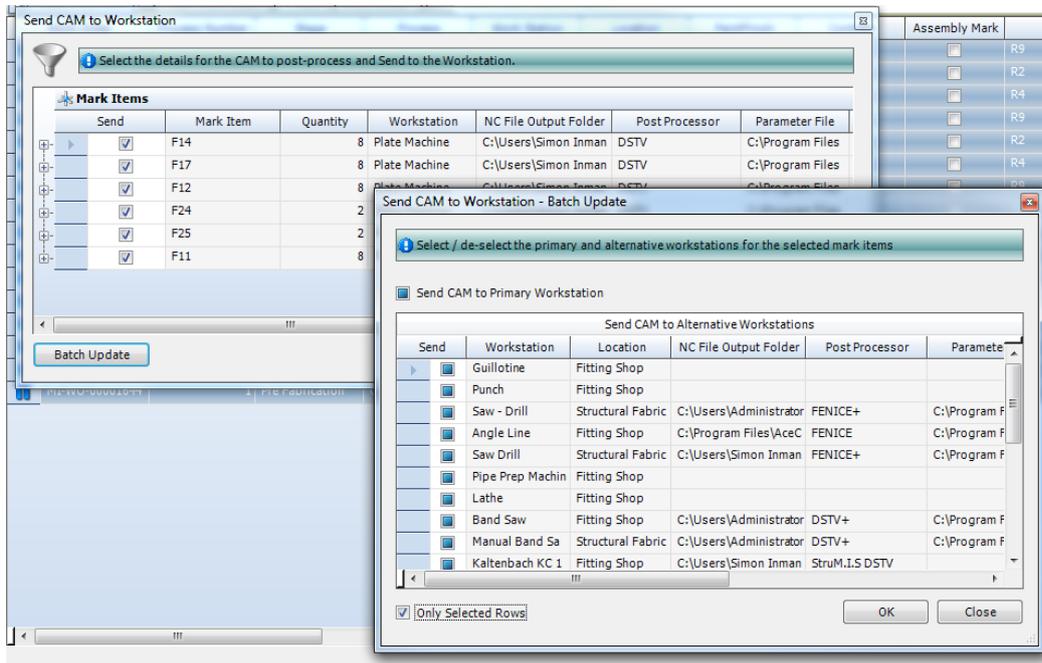
- When generating mark item / mark work orders users now have the option to specify what quantity to issue rather than having to create a work order for the complete line quantity. This is done by adjusting the Quantity column on the wizard.



- A paint finish column has been added to the production control grid, for greater control at every level of the production process.

Work Order	Process Number	Stage	Process	Work Station	Location	PaintFinish	Contract
MI-WO-00001642	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001642	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001643	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001644	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001644	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001644	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236
MI-WO-00001644	1	Pre Fabrication	Cutting	Plate Machine	Fitting Shop	ps1	C-00236

- A batch update has been added to the Send CAM to Workstation form to speed up the process of sending CAM for multiple items to alternative workstations.



Report Enhancements

- The Production Manual Workshop Checklist Report, gives a list of Stages/Processes that items have to move through, along with a column for the relevant employee to check off & sign.

15/10/2012 10:06
 Acecad Software Ltd
 Production Manual Workshop Checklist



Project Auckland Academy
Contract <All>
Select By <All>
Selection <All>
Mark / Mark Item Mark
Production Process <All>
Production Workstation <All>
Print Option Summary

Stage	Process	Quantity	Quantity Complete	Complete	Signature	Notes
Project	Auckland Academy	School Sport Building				
Contract	C-00103	School Sport Barn				
Mark	1					
Fabrication						
	Assembly / Welding	3	<input type="checkbox"/>	<input type="checkbox"/>		
	Fabrication Inspection	3	<input type="checkbox"/>	<input type="checkbox"/>		
Treatment						
	Shot Blast	3	<input type="checkbox"/>	<input type="checkbox"/>		
	Shop Paint	3	<input type="checkbox"/>	<input type="checkbox"/>		
	Treatment Inspection	3	<input type="checkbox"/>	<input type="checkbox"/>		
Despatch						
	Loading	3	<input type="checkbox"/>	<input type="checkbox"/>		
In Transit						
	Goods Dispatched	3	<input type="checkbox"/>	<input type="checkbox"/>		
At Site						
	Offroad At Site	3	<input type="checkbox"/>	<input type="checkbox"/>		
	Erection	3	<input type="checkbox"/>	<input type="checkbox"/>		
Mark	2					
Fabrication						
	Assembly / Welding	3	<input type="checkbox"/>	<input type="checkbox"/>		
	Fabrication Inspection	3	<input type="checkbox"/>	<input type="checkbox"/>		
Treatment						
	Shot Blast	3	<input type="checkbox"/>	<input type="checkbox"/>		
	Shop Paint	3	<input type="checkbox"/>	<input type="checkbox"/>		
	Treatment Inspection	3	<input type="checkbox"/>	<input type="checkbox"/>		

- Production, Outstanding Work Report, gives a report on what work is left to do, ideally run to indicate what work is left to do before a load can be despatched to site.

15/10/2012 10:17
 Acecad Software Ltd
 Outstanding Works Report



Project Auckland Academy
Contract C-00103
Select By <All>
Selection <All>
Report Type Left To Do
Workstation <All>
Process <All>
Stage <All>

Mark	Mark Item	Section Size	Length	Phase	Lot	Remaining Qty	Workstation	Delivery Note
Contract	C-00103	School Sport Barn						
Process Fabrication Inspection								
28		254X146X31UB-S275JR	6532mm	1	1	1	N/A	
29		305X165X40UB-S275JR	4968mm	1	1	2	N/A	
32		533X210X82UB-S275JR	4968mm	1	1	2	N/A	
						5		
Process Shot Blast								
28		254X146X31UB-S275JR	6532mm	1	1	1	N/A	
29		305X165X40UB-S275JR	4968mm	1	1	2	N/A	
32		533X210X82UB-S275JR	4968mm	1	1	2	N/A	
						5		
Process Shop Paint								
20		533X210X82UB-S275JR	5489mm	1	1	1	N/A	
21		533X210X82UB-S275JR	5612mm	1	1	2	N/A	
28		254X146X31UB-S275JR	6532mm	1	1	1	N/A	
29		305X165X40UB-S275JR	4968mm	1	1	2	N/A	
32		533X210X82UB-S275JR	4968mm	1	1	2	N/A	
						8		

- Cast Reference & Purchase Order have been made available to add to the Production Detailed Nesting Reports.

- TrackingNumber
- CEMark
- CastReference
- PurchaseOrder
- PaintFinish

- 'Contract Detailed Listing Revision History Report ' has been added.



Contract Detailed Listing Revisions History Report

Project <All>
Contract C-1206
Select By <All>
Selection <All>
Revised By <All>

Item	Phase	Lot	List Qty	Phase Qty	Lot Qty	Length	Width	Revised Type	Revised From	Revised To	Revision Sequence	Revised On	Revised By
Contract: C-1206													
Drawing: 9													
Mark: 9													
Mark Item: 9													
406X178X54UB	1	1, 2	3	3	3	5964mm	0mm						
								Mark Item Length	4964mm	5964mm	1	15/11/2012	Admin
								Mark Item Weight	0.269	0.323	2	15/11/2012	Admin
								Mark Item Area	7.36	8.85	3	15/11/2012	Admin

Additional Improvements

- Enriched data has been added to the existing data libraries, including item cross referencing to authoring systems including Tekla & SDS/2.

Name	Section Type	Grade	Roll Type	Procurement	Default Inventory U
1016X05X222UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X222UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
1016X05X249UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X249UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
1016X05X272UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X272UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
1016X05X314UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X314UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
1016X05X349UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X349UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
1016X05X393UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X393UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
1016X05X437UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X437UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
1016X05X487UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
1016X05X487UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
127X76X13UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
127X76X13UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
152X89X16UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
152X89X16UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
178X102X19UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
178X102X19UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
203X102X23UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
203X102X23UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	
203X133X29UB-S275JR	UB - Universal Beams	S275JR	Hot Rolled	Autocut	
203X133X29UB-S355JR	UB - Universal Beams	S355JR	Hot Rolled	Autocut	

- The new section wizard allows sections to be imported into StruM.I.S quickly and easily.

Section Type and Section Selector
Select the Section and Grade combinations that you want to be available in the system

Section Types: Select a Section Type to modify the Grades available and to show the Sections under the Section Type.

Enabled	Name	Code	Has Gra	Roll Type	Section Name Mask
<input type="checkbox"/>	UZ.T - Ultraz	UZ.T	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.THP - Ult	UZ.THP	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.THPS - U	UZ.THPS	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.TSW - UI	UZ.TSW	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.UB - Ultr	UZ.UB	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.UBE - Ult	UZ.UBE	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.UBR - Ult	UZ.UBR	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.UBR - Ult	UZ.UBR	<input type="checkbox"/>	Cold Rolled	
<input type="checkbox"/>	UZ.VR - Ultr	UZ.VR	<input type="checkbox"/>	Cold Rolled	
<input checked="" type="checkbox"/>	ASB - Asym	ASB	<input checked="" type="checkbox"/>	Hot Rolled	

Grades: Modify the Grades available for the selected Section Type or Section.

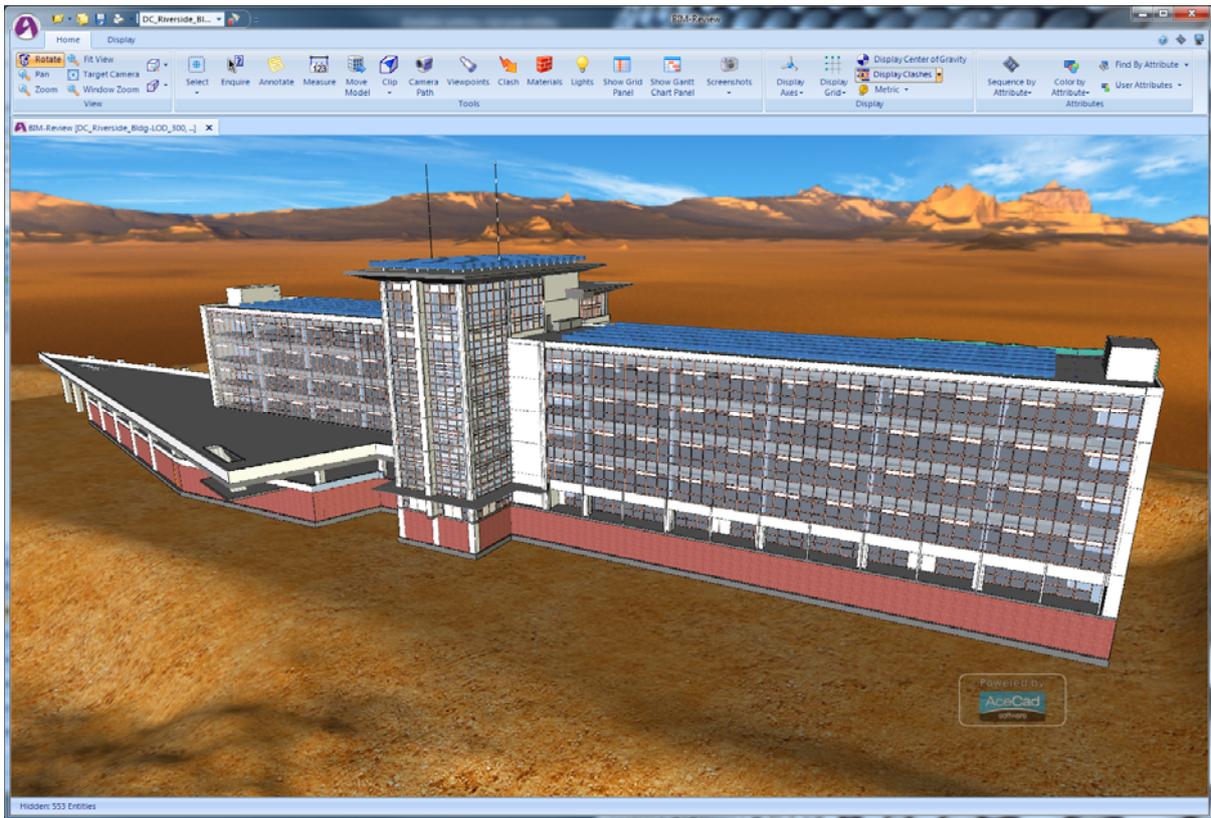
Enabled	Name	Rating	Default
<input checked="" type="checkbox"/>	S275JR	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	S355JR	2	<input type="checkbox"/>

Sections: Select a Section to modify the Grades available.

Enabled	Name	Shape
<input checked="" type="checkbox"/>	300ASB249	ASB
<input checked="" type="checkbox"/>	280ASB136	ASB
<input checked="" type="checkbox"/>	280ASB100	ASB
<input checked="" type="checkbox"/>	280ASB74	ASB
<input checked="" type="checkbox"/>	300ASB185	ASB
<input checked="" type="checkbox"/>	300ASB153	ASB
<input checked="" type="checkbox"/>	280ASB105	ASB

Buttons: Batch Update, Cancel, << Previous, Next >>, Finish

- The latest version of BIMReview (version 6.2) is included in StruM.I.S, for effective referencing and planning.



- A Bars Available column is now visible within the generate work order wizard.

Details Information

The Generate Contract Work Orders: Details form allows you to Issue Mark and Mark Items to create production work orders.

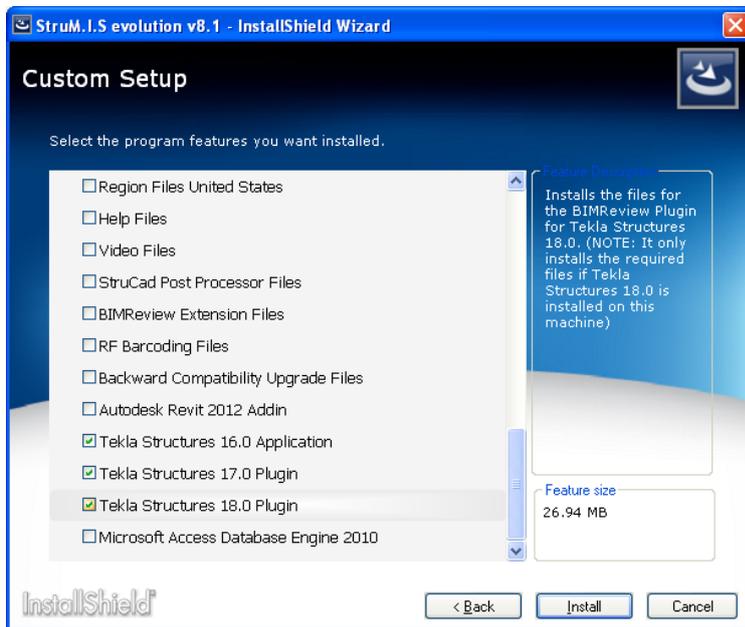
Listing ID: 2

Contract: C-00001 Description: National Storage Unit

Mark Items Not Issued (26) Mark Items Issued (225) Marks Not Issued (18) Marks Issued (54)

Order	Ignore For Procurement	Start Web Angle	End Web Angle	Production	Simple Cut	Bars Available	Ignore For Assembly	Angle Cut	Contour Cut	Scribing	Stamping	Pop Mark
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	2.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	2.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	2.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000		<input checked="" type="checkbox"/>	0.000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	0.000	0.000									

- Users can choose to install add-ins for Tekla and SDS/2 via the installation wizard. This allows for the export of model data from those authoring tools, which can then be imported directly into the BIMReview system within StruM.I.S.



Revision Enhancements in StruM.I.S 8.1

- The table below shows a comparison of Revision conditions between StruM.I.S evolution 7.5 & 8.1.

Revision	StruM.I.S 7.5	StruM.I.S 8.1
Mark Item Created	Material	Non Material
Phase / Zone Change	Material	Non Material
Lot / Load Change	Material	Non Material
Mark Item Quantity Increase	Material	Non Material
Mark Item Quantity Decrease	Material	Material
Mark Item Removed	Material	Material

- In addition to the above both Material Change & Mark Quantity Decrease revisions were restricted to either 'Allow Revision if Listed' or 'Allow Revision if Lotted' in StruM.I.S evolution 7.5. In version 8.1 these restrictions have been lifted & both can be set up to 'Allow All Revisions.'
- Un-nest / Un-issue Rollback Forms appear when the Revisions screen of the Wizard shows items as 'Can Revise = No.' They appear so the revision can be completed.

Revisions Rollback Options

The grid below shows all mark items that cannot be revised unless they are un-issued and un-nested. To accept the rollback actions click the Un-Nest button for the selected mark items and click the next button to continue. You can un-nest the revised mark items only or the entire bar. But only the revised mark items will be un-issued from production.

Item	Length	Width	Quantity	Cutting Plan	Purchase Order	Cut	Received	View Plate Offcut	Part Cut
406X178X54UB-S275JR	12200.000	0.000	1	4712	PO-00168	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drawing	2	2	2	10088.000	0.000	1		1	<input type="checkbox"/>
Mark									
Mark Item									
Length									
Width									
Phase/Zone									
Lot/Load									
Rotated X									
Rotated Y									
Ro									
406X178X54UB-S275JR	16500.000	0.000	1	4715	PO-00168	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drawing	2	2	2	10088.000	0.000	1		1	<input type="checkbox"/>
Mark									
Mark Item									
Length									
Width									
Phase/Zone									
Lot/Load									
Rotated X									
Rotated Y									
Ro									

Grid Options - Un-Nest / Undo

Un-Nesting Options (When a bar has already been cut or part cut)

Options for recovering material

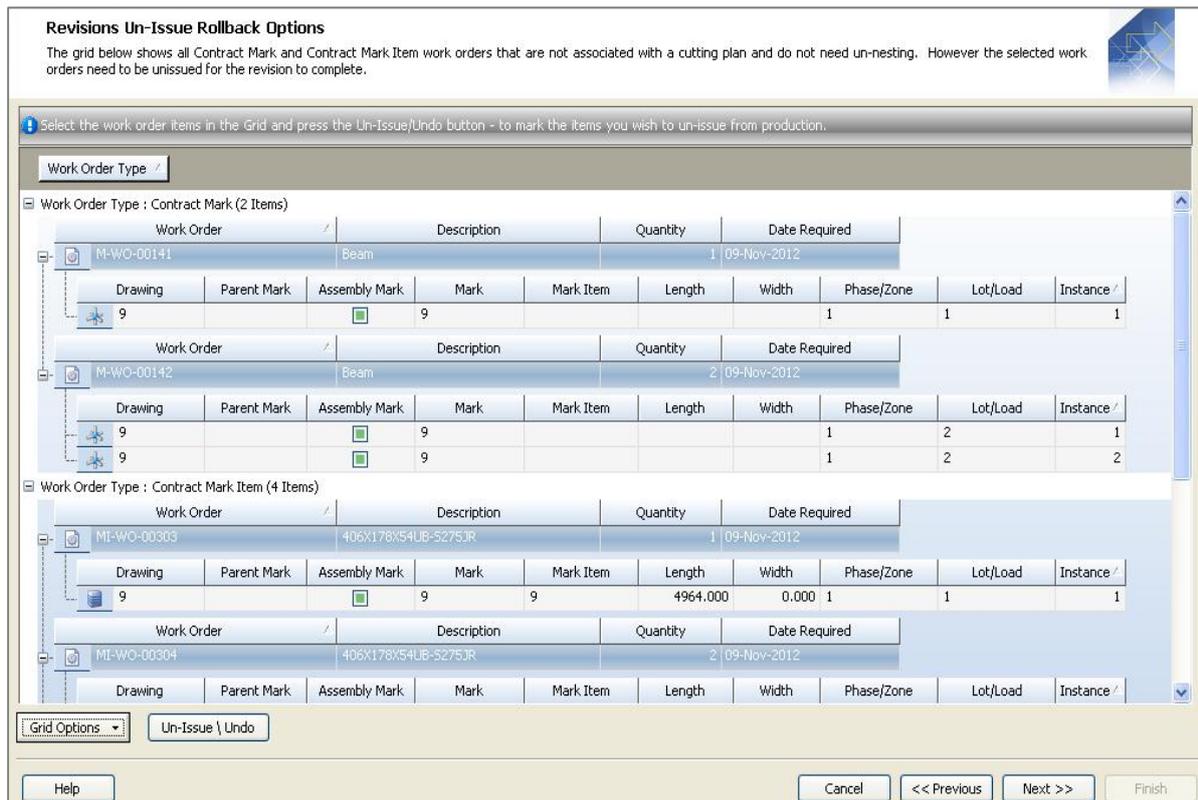
- Scrap all cut material (Use this option if the cut material cannot be re-used)
- Save all cut material (Use this option if the cut material can be re-used)
 - Return any cut pieces and the remainder of the bar to Inventory individually
 - Return any cut pieces and the remainder of the bar to Inventory in one complete length. (Note, this option is only possible when un-nesting the complete bar)

Un-Nesting will try to remove the offcut that was produced. Please verify that the offcut has been removed as some transactions can influence this.

Remnant: 0mm Waste: 85mm

Help Cancel << Previous Next >> Finish

- When un-nesting mark items via the Un-nesting Rollback form, the mark items will be automatically un-issued.
- When items are issued but not nested the Un-issuing Rollback form will be displayed in order for the revision to be completed.



- The rollback form for un-issuing marks is displayed when decreasing the mark quantity.
- “Relaxed Revision Control” occurs once revision options are set beyond ‘Allow If Released’, the Rollback forms do not display in this instance.
- Once in “Relaxed Revision Control” revisions will take place (with some restrictions). With the option of ‘Always apply production length revision changes’ checked the cutting plans will be updated with the revised lengths (if possible). Without this option checked then cutting plans will not be updated.

- Manual revisions work in line with the options set in Revision Settings, but will not open the Rollback forms.

Option	
Mark Description	Allow All Revisions
Non-Material Changes	Allow All Revisions
Material Changes	Allow Revision if Released
Mark Quantity Increase	Allow All Revisions
Mark Quantity Decrease	Allow Revision if Released
Mark Remove	Allow Revision if Lotted
Always apply production length revision changes	<input checked="" type="checkbox"/>

- When manually changing an items length, StruM.I.S will always attempt to update cutting plans if ‘Always apply production length revision changes’ is checked within Revision Settings.
- Mark Quantity Increase / Decrease / Remove are not relevant when attempting to add Child marks to Assemblies (once the items are past listed).

Batch Update Paint Finish / Phase / Lot

Paint, Phase & Lot changes are now all classed as Non-Material Changes.

- For Phase & Lot changes the change will also be applied to all mark items associated with the updated mark
- For Paint Finish changes the change will also be applied to all instances of the mark (and all associated mark items)

Cad Interface - Phase / Lot Changes

For a mark's Phase & Lot changes to take place automatically all instances of the mark have to be changed.

If this is not the case this becomes either a 'Mark Lot/Load (or Phase/Zone) Quantity Decrease' or a 'Mark Lot/Load (or Phase/Zone) Quantity Increase'. The Revision Rules then change from a Non-Material Change to a Mark Quantity Increase or Mark Quantity Decrease).

The following examples are based on the Revision Setting for Non-Material Changes = Allow All Revisions.

Mark 9 has been nested & both mark item & mark work orders have been generated.

Example 1

Original import = Mark 9 (Qty = 3 off, all in Phase 1 Lot 1)

Revised import = Mark 9 (Qty = 3 off, all moved to Phase 2 Lot 2)

- *All instances of mark 9 have been changed, therefore this would be a Phase/Zone Change & a Lot/Load Change and the revision would take place automatically.*

Example 2

Original import = Mark 9 (Qty = 3 off, all in Phase 1 Lot 1)

Revised import = Mark 9 (Qty = 3 off, all moved to Phase 2 Lot 1)

- *All instances of mark 9 have been changed, therefore this would be a Phase/Zone Change (StruM.I.S would also recognise it as a Lot/Load Change) and the revision would take place automatically.*

Example 3

Original import = Mark 9 (Qty = 3 off, all in Phase 1 Lot 1)

Revised import = Mark 9 (Qty = 3 off, all moved to Phase 1 Lot 2)

- *All instances of mark 9 have been changed, therefore this would be a Lot/Load Change and the revision would take place automatically.*

Example 4

Original import = Mark 9 (Qty = 3 off, all in Phase 1 Lot 1)

Revised import = Mark 9 (Qty = 2 off in Phase 1 Lot 1 & one off moved to Phase 1 Lot 2)

- *As all instances of mark 9 haven't been changed, therefore this would be both a Mark Lot/Load Quantity Decrease and a Mark Lot/Load Quantity Increase.*
- *This would then display the Revisions Un-nesting Rollback Options form. For the revision to take place Un-nest all instances of mark 9 (this automatically un-issues the mark item work orders). On the following Revisions Un-Issue Rollback Options form also un-issue the mark work orders for mark 9.*
- *The revision now takes place & mark 9 will be rolled back to lotted (not released)*

Example 5

Original import = Mark 9 (Qty = 3 off, one in Phase 1 Lot 1, one in Phase 2 Lot 2 & one in Phase 3 Lot 3)

Revised import = Mark 9 (Qty = 3 off, one in Phase 1 Lot 1, one in Phase 2 Lot 2 & one moved to Phase 4 Lot 4)

- *As all instances of mark 9 haven't been changed, therefore this would be a Mark Phase/Zone Quantity Decrease, a Mark Lot/Load Quantity Decrease, a Mark Phase/Zone Quantity Increase and a Mark Lot/Load Quantity Increase.*
- *This would then display the Revisions Un-nesting Rollback Options form. For the revision to take place Un-nest all instances of mark 9 (this automatically un-issues the mark item work orders). On the following Revisions Un-Issue Rollback Options form also un-issue the mark work orders for mark 9.*
- *The revision now takes place & mark 9 will be rolled back to lotted (not released).*

Length Changes (Linear Items)

Length change is still classed as a Material Change, however the restrictions in 7.5 have been lifted. The default Revision Setting is now 'Allow If Released.'

- When the additional Revision Setting of 'Always apply production length revision changes' is checked then StruM.I.S interrogates the cutting plans to determine whether the nested bar is long enough to accept the revised lengths. If this is the case then the cutting plans are updated automatically without having to Un-nest & Un-issue the mark item.
- When checked, the option of 'Always apply production length revision changes' will attempt to update cutting plans even when the Material Change Revision setting is beyond 'Allow If Released' (i.e. 'Relaxed Revision Control')
- If a mark item's length is revised and some, but not all, of the nested bars are not long enough to accept the new length then none of the cutting plans will be updated, instead the Un-nesting Rollback form will be displayed.
- With the Material Change setting set to 'Allow All Revisions' & with 'Always apply production length revision changes' UNCHECKED StruM.I.S will accept the mark items with the new lengths but will not interrogate or update the Cutting plans. The items will remain nested to the original bars regardless whether the nested bar is long enough or not.

The following examples are based on Revision setting for Material Changes = Allow If Released with 'Always apply production length revision changes' checked.

Mark item 10 is nested but not issued to production.

Example 6

Original import = Mark item 10, 3 off, 5000mm long. Nested to 2 bars 5500mm & 1 bar 6000mm.

Revised import = Mark item 10, 3 off, now increased to 5600mm long.

- *As all of the original nested bars are not long enough to accept the revised length then none of the cutting plans will be updated automatically, instead the Un-nesting Rollback form will be displayed.*
- *Un-nest all instances of mark item 10 for the revision to take place.*

Example 7

Original import = Mark item 10, 3 off, 5000mm long. Nested to 3 bars 6000mm

Revised import = Mark item 10, 3 off, now increased to 5600mm long.

- *As all of the original nested bars are long enough to accept the revised length then the revision will take place and the cutting plans will be updated automatically.*

Item (i.e. Section Size) Changes

Item changes (e.g. Section Size, Grade) are still classed as a Material Change, however the restrictions in 7.5 have been lifted. The default Revision Setting is now 'Allow If Released.'

Example 8

Based on Revision setting for Material Changes to the default setting of 'Allow Revision if Released' Mark 9 is released but not nested or issued to production.

Original import = Mark item 9, section size 406 x 178 x 54UB x 5000mm (Grade S275JR)

Revised import = Mark item 9, increased to 406 x 178 x 74UB x 5000mm (Grade S355JR)

- *The Revisions grid of the import Wizard will show a 'Mark Item Section' revision with Can Revise = Yes.*
- *The revision will now take place automatically & all grids are updated to the new Section Size.*

Example 9

Based on Revision setting for Material Changes to the default setting of 'Allow Revision if Released' Mark item 9 & mark item PLT5 have both been nested & issued to production.

Original import = Mark 9 consists of Mark item 9 (406 x 178 x 54UB x 5000mm - Grade S275JR) & also 2 x End plates PLT5 (150 x 15 Flat x 400lg – S355JR)

Revised import = Mark item 9, increased to 406 x 178 x 74UB x 5000mm (Grade S355JR), End plates PLT5 remain unchanged.

- *The Revisions grid of the import wizard will show a 'Mark Item Section' revision with Can Revise = No.*
- *The Revisions Un-nesting Rollback Options form will now be displayed allowing you to un-nest mark item 9 (this will automatically unissue mark item 9 also)*
- *The revision will now take place and mark item 9 will appear as Not Covered on the nesting & ordering grid & under Mark Items Not Issued on the work order grid. Mark item PLT5 remains unchanged as nested & issued.*

Note – with example 2 if the revision setting was 'Allow All Revisions' then the revision would take place without opening the Rollback forms.

The grids would be updated to show the revised section size but the item wouldn't be un-nested. The cutting plans would therefore still show mark item 9 as nested to the original (different section size) bar.

Mark Item Quantity Increase / New Mark Item Created

Both Mark Item Quantity Increase & Mark Item Created are now classed as Non-Material Changes. This will allow the revision to take place automatically even when the mark is in production. The default Revision Setting is 'Allow All Revisions.'

Example 10

Based on Revision setting for Non-Material changes to be the default setting 'Allow All Revisions'. All mark Items on mark 1 have been nested & are currently in production.

Original import = Mark 1, consisting of Mark items 1 (1 off), Base Plate PLT1 (1 off) and Rectangular Stiffeners PLT3 (2 off).

Revised import = Mark 1 as above but Rectangular Stiffener PLT3 has been increased from 2 off to 8 off & new Plate PLT4 (1 off) has been added.

- *The Revisions grid of the import Wizard will show PLT3 as a 'Mark Item Quantity Increased' and PLT4 as 'Mark Item Created' – both items will be Can Revise = Yes.*
- *The Revision will take place automatically and the increased quantity PLT3 appears on the nesting grid as Part Covered, and the new item PLT4 appears on the nesting grid as Not Covered.*
- *The additional plates PLT3 & new plate PLT4 also appear on the work order grid as Mark Items Not Issued.*

Removing Mark Items

Although Mark Item Removed is shown as a Material Change Revision option it is only relevant when manually removing mark items as cad interfaces do not remove mark items.

- Where a Revision has resulted in mark items being removed an additional option has been added to the Finish screen of the import wizard, under 'Removed Items' when 'Place removed items on hold' is checked the mark will be placed on hold but only the removed mark items will be placed on hold.
 - If 'Hold all mark items on a removed mark' is also checked then the mark will be placed on hold along with all of the mark items associated with the mark (this is how it behaves currently in 7.5).
-

Example 11

Based on Revision setting for Non-Material changes to be 'Allow All Revisions' & for Material changes to be 'Allow Revision if Released'

All mark items on mark 8 have been nested and both mark item & mark work orders have been created.

Original import = Mark 8, consisting of Mark items 8, PLT1, PLT3 & PLT4

Revised import = Mark 8, as above but Mark item PLT4 has been removed & new Mark item PLT14 has been added.

- *The Revisions grid of the import wizard will show PLT4 under Removed Mark Items, Can Revise = No, and PLT14 as 'Mark Item Created' with Can Revise = Yes.*
- *On the Finish screen of the import Wizard, under 'Removed Items' the option of 'Place removed items on hold' can then be checked.*
- *This will then place mark item PLT4 'On Hold' (with the information that the Mark item has been removed), mark 8 will also be placed 'On Hold' (with the information that an associated Mark item has been removed). New mark item PLT14 will be imported. All other mark items will remain nested & issued to production.*

Mark Quantity Decrease

The StruM.I.S 7.5 restrictions for the Revision setting of Mark Quantity Decrease have been lifted for version 8.1. The default Revision setting is now 'Allow if Released'

- Although there is the option of setting Mark Quantity Decrease to 'Allow All Revisions' there is still a system restriction that prevents the mark quantity being reduced lower than the lotted quantity. In this instance the Revisions wizard will open the Rollback forms.

Example 12

Based on Revision settings for Non-Material changes to be 'Allow All Revisions' & for Mark Quantity Decrease to be 'Allow if Released.'

Mark 1 (3 off) is currently released but hasn't been nested or issued to production.

Original import = Mark 1 (Quantity = 3 off, all in Phase 1 Lot 1)

Revised import = Mark 1 now reduced to quantity 2 off (Phase 1 Lot 1)

- *The Revisions grid of the import wizard will show the revision as a Mark Phase/Zone Quantity Decreased, a Mark Lot/Load Quantity Decreased & a Mark Quantity Decreased with Can Revise = Yes*
- *The revision completes automatically, with mark 1 now shown at lotted (not released) with a quantity of 2.*

Example 13

Based on Revision settings for Non-Material changes to be 'Allow All Revisions' & for Mark Quantity Decrease to be 'Allow if Released.'

Mark 1 (3 off) has been nested & both mark Item & mark work orders created.

Original import = Mark 1 (Quantity = 3 off, all in Phase 1 Lot 1)

Revised import = Mark 1 now reduced to quantity 2 off (Phase 1 Lot 1)

- *The Revisions grid of the import wizard will show the revision as a Mark Phase/Zone Quantity Decreased, a Mark Lot/Load Quantity Decreased & a Mark Quantity Decreased with Can Revise = No*
- *The Revisions Un-nesting Rollback Options form will now be displayed allowing you to un-nest all Mark items associated with all quantities of mark 1 (this also unissues the mark item work orders)*
- *In order to complete the revision the mark work order also has to be unissued, to do this the Un-issue Rollback Options form is also displayed.*
- *The revision can now be completed with mark 1 shown at lotted (not released) with a quantity of 2 off.*

Defects Fixed

The tables below details the fixes which have been applied to defects in StruM.I.S 8.1.

Cad Interfaces
You can now specify multiple Plate and Flat Codes (e.g. PL, PLT, PLATE - separated by commas) to search for in the CAD Interface - Plate Options - Apply Plate Logic Identification group. There are also two new fields available in the conversion group to specify the resulting code when converting. - 3824 (F0047184)
The Cad Interface Progress Bar has been downgraded from 'System Modal' to 'Application Modal' and no longer blocks the screen when opening other applications. - 4085
Flat to Plate Conversion was incorrectly setting the Length when the FLAT Description contained a Width greater than the listed Length. This has been resolved in Estimating, Prelim and Detailed Listing. - 4420 (F0049544)
When working in metric - Detail, Prelim and Estimate CAD Interface's now have a Depth column that can be used with the Width column when calculating Plate Logic. – 8300
Using the latest BIMReview Cad Interfaces will no longer result in an 'Error when parsing source file: Cannot find column [ParentEntityIndex]' message if the bswx file doesn't contain any Fittings. - 8206 (F0056347)
Barcode Interfaces was throwing a 'String or Binary data would be truncated error' on non-English systems. - 8168 (F0056229)
Twelve new BIMReview Estimate / Prelim / Detail Cad Interfaces have been created to cater for IFC, SDS/2, StruCad and Tekla Imports. These replace the previous StruWalker Cad Interfaces. – 8160
DSTV Files that contain additional Comment lines (e.g. in this instance the files were from MultiSTEEL) can now be imported into the system and viewed with StruCNC. - 8009 (F0055674)
When importing a Detail Listing into a Contract the Cad Interface will now use a unique identifier whilst importing / validating. This will allow multiple users to import into the same Contract simultaneously without creating duplicate items. - 7996 (F0055612)
Site Fittings now import with the correct weights when using the Cad Interface 'StruCAD Detailed Listing v2' with the option of 'Use CAD Weight' checked. - 7956 (F0055491)
A bug has been Fixed that lead to an 'Index was out of range. Must be non-negative and less than the size of the collection' Error message when trying to Import / View certain types of DSTV files containing IK blocks. - 7917 (F0055271)
A bug with IK blocks that affected the display in StruCNC has been Fixed. This had led to the message 'Value was either too large or too small for an Int32' when attempting to view certain DSTV files and then 'There was an error converting the cam file to DSTV-XML' when attempting to import them. - 7788 (F0054712)
StruCNC
In StruCNC you are now able to enter Imperial dimensions when using the following commands: Shorten / Extend, Array Copy Hole(s), Copy Relative To and Move Relative. – 7747
In StruCNC Pop Marks no longer revert to Regular Holes after Saving the file. - 7462 (F0053945)
In StruCNC you are now able to enter Imperial dimensions when adding a matrix of holes via the Add/Create Hole form and when using the command Array Copy Hole(s). - 7326

Sales & Customers

Customer Contacts & Addresses have now been consolidated on a single Addresses / Contacts tab, the various Contacts for each address can be sorted alphabetically by clicking on the Contacts, Name field. - 4209 (F0048666)

The Address and Contacts tabs for Customers and Suppliers have now been merged & simplified. Customers / Suppliers can still have multiple Addresses, and each Address can now have multiple contacts. The main Contact can be set by checking the 'Default Contact' checkbox for a particular contact on the Supplier or Customer Addresses / Contacts tab - 4290 (F0049135)

The Address and Contacts tabs for Customers and Suppliers have now been merged & simplified. Contacts addresses will no longer have to be entered multiple times, the Address can now be entered once and multiple Contacts can be added to that Address with an option to specify the Default Contact. The automatic link from Supplier / Customer Contacts to Document Management Contacts has also been greatly improved. - 4291 (F0049137)

A Country field has now been added to Addresses. - 8100

Contacts can now be imported from Outlook (or an exported CSV file), The Contact Import Wizard is available as part of the initial Setup Wizard or from the Contacts Search grid, Actions button. – 6481

When using Save As New to create a new Customer or Supplier the Contact details for the original Customer / Supplier were being removed. - 8637 (F0057225)

The Mark Selection grid when adding Marks to a Sales Invoice is now presented in a standardised manner, either when adding Marks by standard adding or from a QS Category. Where the outstanding Quantity to Invoice (within QS Analysis Category and Contract Milestone if applicable) is greater than zero the grid will now show any Lotted 'standalone' Marks Lotted Shop-Assembly Parent-Marks Lotted Site-Assembly Child-Marks – 7888

A bug has been fixed regarding the Invoiced Quantity value when adding Marks from a QS Category to a Sales Invoice. The issue arose when the Mark had items in more than one QS Category. – 7887

Contract Management

The Revision rules are now far more flexible and Marks can have their Phase/Zone, Lot/Load revised wherever they are in the system without having to Un-release, Un-Nest etc. (depending on the users Revision Settings under Contract Management Options). - 1139 (F0039026)

The Revision rules are now far more flexible and items can be revised wherever they are in the system (depending on the users Revision Settings under Contract Management Options) without having to Un-release etc. Where items have been nested but your current Revision settings indicate that the item can't be revised then the Un-nested screen will be displayed as part of the Revised Detail import wizard. This allows for the un-nesting of the items meaning the Revision can then take place. - 3232 (F0045520)

The Revision rules are now far more flexible and Marks can have their Phase/Zone, Lot/Load revised (via the Import Wizard) wherever they are in the system without having to manually Un-release, Un-Nest etc. (depending on the users Revision Settings under Contract Management Options). - 4355 (F0049340)

Importing a Revised Detail Listing - if the revised listing has Mark Items that have been removed from a Mark you no longer have to place the entire Mark on Hold. On the Finish screen of the import Detail Listing screen a new option of 'Hold all mark items on a removed mark' has been introduced under 'Removed Items' -> 'Place removed items on hold.' With this option unchecked only the removed mark item will be placed on Hold. With this option checked all mark items on the mark will be placed on hold. - 7736

Contract Management Revision Options have changed. You are now able to add a Mark Item to an

existing Mark at any time regardless of its Production status (depending on your Revision Settings in Contract Management options). – 5841, 7368 (F0050877, F0052465)
Contract Management Revision Options have changed. If the revised Cad file contains a Mark with Mark Items removed & new Mark Items added you are now able to place the removed items on hold whilst adding the new items, even after the mark has been released (depending on your Revision Settings in Contract Management options). - 7526 (F0053976)
The Length and Width columns on the Revisions grid of the Import Detail Wizard can now be viewed in Imperial. – 8595
The columns Drawing, Parent Mark, Mark and Mark Item have been added to the Detailed Listing - Mark - Revision History grid. - 8594
The Length & Width columns on the Item Listing grid of the Import Detail / Prelim / Customer Wizards are now displayed and can also be entered in Imperial. – 2984
When importing a Detailed Listing you are now able to update the Phase/Zone, Lot/Load or Paint Finish of selected Marks only rather than it updating all of the Marks. Note - the Phase/Zone & Lot/Load will be updated for all Mark Items associated with the selected Mark(s). The Paint Finish will be automatically updated for all instances of the same Mark and all of its associated Mark Items. – 4427, 6339 (F0046958)
Paint Finish has been added to both the Mark Item - Batch Update form and the Mark - Batch Update form. - 6338 (F0052627)
When importing a Preliminary Listing into a Contract you can now import the List Number, as List Number can now be mapped to on the Prelim Cad Interfaces, Settings tab. - 6528 (F0051531)
The columns 'Is On Saved Nest' and 'Listed On Saved Nests(s)' have both been added to the Contract Prelim Listing grid. - 8643 (F0057246)
No longer receive 'the quantity phased exceeds the quantity listed' error message at the end of the detail listing import wizard. This occurred when Models created using Tekla assigned components of a mark over multiple phases. - 8332 (F0056574)
An enhancement to the Detail Listing, Drawing Tree are the options to 'View Drawing' and 'View Drawing Document Management Status' These options are available by highlighting a Drawing in the tree and right clicking the mouse. – 8120
No longer receive an 'Arithmetic operation resulted in an overview' error message when importing CAM/DSTV Files into a Contract containing a large amount of Mark Items. - 8095 (F005404)
Trying to re-phase part quantity of a Mark in Detail Listing led to the error message: 'The quantity of Marks Phased exceeds the quantity listed'. - 8065 (F0055909)
The View / Edit Lots grid can now be sorted so Lots can be displayed in order. To enable Filtering / Grouping a Grid options button has been added. - 8057 (F0055894)
The columns 'Is On Saved Nest' and 'Listed On Saved Nests(s)' have both been added to the Contract Prelim Listing grid. – 7853
QS Category, if a Linear Main Member contains Non Linear Fittings and the Rule of 'Mark Item Weight Per Unit Range (Linear)' with the option of 'Apply to Main Member Only' has been applied, the fittings will now appear in the same category as the main member. - 7851 (F0055013)
When adding Marks by QS Category to a Sales Invoice both the Production Status and Production Delivery Notes fields were not being populated. This occurred when the Tax Code field on the Details form of the Sales Invoice had been left empty. - 7848 (F0054975)
When importing a Detailed Listing containing Site Fittings, the Site Fittings were not importing. – 7801
With a Revised Cad File if the Main Member changed then the system was miscalculating the mark quantity and not importing the item. The new item will now be imported; although at present will not automatically be checked as the new Main Member. - 7773 (F0054691)
A bug has been fixed whereby importing a Detailed Listing created Multi Member Site Assemblies even when the Cad Interface option 'Don't Create Multi Member Assemblies' was checked. - 7726

(F0054604)

A bug has been Fixed that lead to the message 'There was an error converting the cam file to DSTV-XML' when attempting to import certain DSTV files. – 7718, 7633 (F0054577, F0054331)

When importing a Cad File containing a Mark without a specified Main Member the Mark will now appear as an Invalid Mark on the Item Listing screen of the import wizard. Previously the Mark would have appeared as Valid but wouldn't have then imported. - 7436 (F0053883)

A bug has been fixed whereby attempting to import a Detailed Listing into a Contract with an incomplete import caused an 'Object reference not set to an instance of an object' message. - 7392 (F0053667)

Document Management

Contacts - the checkbox 'Is Document Management Contact?' currently found on the Document Management Contact Defaults tab has been removed. – 3424

When you create a manual Document Transmittal & select a Contract (on the Details form), when you then Add Documents to the Transmittal it will only show documents for that particular Contract. – 8584

When you right click on a line in the Document Search grid and select Add Documents to Transmittal Wizard the Contract on the Select Transmittal Details form will now be automatically populated. If multiple lines are selected across more than one Contract then the Contract field will not be populated. - 8520 (F0056956)

When you right click on a line on the Document Search grid and select 'View Transmittals for Document' it will now only show Transmittals for that particular Document and Contract. - 8516 (F0056955)

When you select Generate Transmittal from the Wizards button on the Contract Ribbon, on the Select Transmittal Details screen of the wizard the Contract Name will now be automatically populated. – 8445

When importing documents into a Contract using the 'Detailed Listing Files' Document Interface it was causing all documents for other Contracts to lose the Latest flag. - 8410 (F0056690)

The Document Import Wizard has been optimised when importing large amounts of documents. - 8348 (F0056604)

Document Management - the Document Kind 'StruWalker Document' has been renamed to 'BIMReview Document' – 8131

Opening the Document Search grid from the Contract Ribbon after re-importing Documents will now display the correct Contract. - 7911 (F0055249)

The disabled option of 'Batch Update Custom Fields' will no longer be visible when right clicking on various Search grids. This function was specifically for the Document Type search grid where it is still available. - 7607

EDI

A bug has been fixed that led to the Automatic collection of EDI E-mails not working when in Supplier mode. - 7861 (F0055008)

Estimating and Enquiries

An ellipsis button has been added to the Bid Status field on the Enquiry, Final Details form. - 3101 (F0049321, F0037669)

Estimating - Labour Usage - Add Items form, the column 'Section Group' has now been removed following changes to the Libraries. – 8176

The Enquiry Weight and the Final Weight values on the Enquiry Search grid now display correctly when viewed in Kilograms, Metric Tonnes, Pounds or Tons. - 7824 (F0054894)

A bug has been fixed whereby the Import Estimate grid & subsequent Estimate Listing grid were wrongly showing the Import as Item the same as the Source Item Cross Reference. - 7816 (F0054863)

Estimating and Enquires - Labour Usage - on both the Labour Usage and Usage Fittings tabs the Notes column is now language translatable. – 7333

Items and Inventory

In order to track the history of an Offcut new functionality has been added to the Inventory Search Grid. By right clicking (or using the Actions button) on a line in Inventory and selecting 'View Item History' you are able to see the various transactions that the original bar has gone through (i.e. original Purchase Order, Purchase Order Receipt, Nesting Allocations, Cutting Transactions etc.).Note - for accurate tracking this feature should be used in conjunction with Items that are Serial Tracked. - 1273 (F0040174)

A bug has been fixed whereby Items kgm and other properties created on Euro regional settings were 10,000 times larger than they should be. - 8631 (F0057201)

When working in Imperial, the Grade Search grid had some irrelevant columns listed under Show/Hide columns (i.e. Depth, Flange Thickness, Web Thickness, Weight Per). These have been removed. – 8197

A bug has been fixed that led to an empty Item XML file being generated. This occurred when the Item Library from which the file was exported contained only Non Steel Items. - 8047 (F0055837)

A new installation will now have the Items & Inventory Option of 'Auto Exchange Reservations - Next Number' set to 1 rather than 73. – 7970

Nesting

When Prelim or Detail Nesting to Welded Bars you are now able to select which Purchase Order to add the bars to. On the Inventory/Suppliers and RFQ screen of the Nesting Wizard click on the '+' symbol for the Welded Bars line, this expands to show the Suppliers used to create the Welded bar and allows you to choose the relevant Purchase Order from the dropdown. - 5494 (F0052624)

When Plate nesting to a combination of Shaped / Rectangular inventory Plates that share the same Length & Width, StruM.I.S / SigmaNEST will now recognise that the plates are different. Previously some of the shaped plates were being taken as rectangular & vice versa. - 8530 (F0056914)

Un-nesting some, but not all, plates from a nested bar in some instances led to an error message - 8046 (F0055746)

The column 'Has CAM NC' has been added to the Nesting & Ordering grid - 8038 (F0055822)

Nesting Plates with the option of 'Cut to Length' now works correctly when plates have the same Lengths but different Widths. - 8030 (F0055810)

Manual Nesting using the >1,2,3 button no longer displays an error message when you select an Available Length shorter than the length of the Mark Item. You will now receive the message 'The selected mark item cannot be added because it will exceed the length of the bar.' - 8022

When nesting Non steel items priced 'Each' the Nesting Wizard Results screen now displays the

correct Total Cost. - 7993 (F0055601)

Nesting using the option of 'Cut to Length' & 'Use Multiple Suppliers' will now nest to more than one Supplier at a time and no longer leave some of the items as Not Covered. - 7982 (F0055570)

DSTV+ was failing to create the nested bar files when there was a mixture of pieces nested and un-nested out of the same inventory bar. - 7975 (F0055482)

A bug has been fixed that led to an Error message being displayed on the Nesting & Ordering Wizard when nesting to duplicate Lengths from Inventory. – 7791

Manually Nesting the same item (but in different grades) to Higher/Lower/Same grade inventory no longer nests to the same bar more than once. – 7496

Production

The Paint Finish column has been added to both the Production Control and Production Console grids. – 3695 (F0046598)

Production Delivery Notes have been added to the Contract Ribbon. – 6908

The 3D Stack Chart, displayed at the end of the Production Work Order Wizard, will now show the Process / Workstation titles when viewed with 'Display with existing production work loading' checked. – 7308

The Production Control tree did not display all mark item processes if the main filter was set to show <All> contracts and View by work order type was set to <All> - 7813 (F0055067)

If having used the Production Control Move form to change the Location of a Process you are now able to add the Mark / Mark Item to a Delivery Note for that particular Location. Note - the Work Order will not update to the altered Location (this is by Design) and will still show the original planned Location. – 7809 (F0054851)

The Material at a Production Stage Report no longer returns an Error when run in Summary mode. – 7864 (F0055082)

Trying to import barcodes by production delivery note was displaying the following error message: Cannot insert the value NULL into column 'SourceContract'. – 7885 (F0055124)

Production Console now displays correctly with the Contract Filter option set to <All> - 7900 (F0055193)

A bug has been fixed whereby, in some instances, running the Production - Detailed Nesting Reports led to a 'Control with Name: Picture already exists' Error message. This was due to the introduction of the 'Welded Bar' indication symbol at the bottom of the reports. - 7923

By adjusting the Quantity on the Templates and Processes screen of the Generate Contract Work Order Wizard you can now create 'part quantity' Work Orders for both Mark Items and Marks. – 3810, 3891, 4693, 7000 (F0047119, F0047455, F0050271, F0052654)

A Batch Update button has now been added to the Send CAM to Workstation form. This greatly improves / speeds up the action of sending multiple CAM files to Alternative Workstations. - 4505 (F0049758)

Using the post processor 'StruM.I.S DSTV' now fixes an issue when Sending CAM to Workstations when the original file contained curve data. - 4609 (F0050048)

A bug has been fixed whereby Send CAM to Workstation using DSTV+ on French Operating Systems with Imperial nested bars caused the values to be wildly incorrect. - 8639 (F0057242)

When generating Mark Item Work Orders for multiple lines of the same Mark Item the Wizard will no longer roll the lines up into one line with a total quantity. The lines in the wizard will now match the appearance of the lines selected on the grid. – 8565

The Min and Max Hole Diameter fields on the Nesting & Ordering / Generate Mark Item Work Orders / Production Control / Production Console grids now display in Imperial. – 8564

A Bars Available column has been added to both the Generate Work Order Grid (Mark Items) and the Generate Work Order Wizard. This reports on Bars actually available in Inventory and is

designed to give a quicker indication of which Mark Items can be issued to Production and manufactured. – 8201

Fixed issue with 'There was an error converting the cam file to DSTV-XML' for some files in the StruCad Walkway Sample Model. – 8165

RF Barcoding was leading to 'ProductionNote.SelectNoteIndex was outside the bounds of the array' errors. This occurred due to the Production Notes Dataset being limited to 1000 records. - 8145 (F0056142)

The Cost Code Description column has now been added to the Production, Employees Search grid. - 8005 (F0055659)

DSTV+ files generated from StruMIS had an SO block generated in the shape code - the issue was caused due to the item having an unknown SectionType code. Both DSTV+ & StruM.I.S DSTV+ have been changed to use the Section Code directly from the DSTV XML to resolve this issue. - 7994 (F0055472)

RF Barcoding - Add Item to a Production Note no longer freezes when the Item Barcode is entered. Now formatted to except barcodes with or without Quantity 'Q' - 7992 (F0055606)

When sending CAM using the StruM.I.S DSTV post processor (and with the Production Option of 'Create one DSTV file per Mark Item' unchecked) you are now able to generate dstv files for individual instances of the mark items. Previously Send CAM always resulted in only one DSTV file. – 7973

Purchasing & Suppliers

The Address and Contacts tabs for Customers and Suppliers have now been merged & simplified. Customers / Suppliers can still have multiple Addresses, and each Address can now have multiple contacts. Contacts added to Customers or Suppliers along with the relevant Address, Contact Details etc. will automatically appear in Document Management Contacts. – 1173

An ellipsis button has been added to the Default Payment Terms field on the Customer Details form. - 2775 (F0044640)

A bug has been fixed that existed when manually adding an item to a Purchase Order with a Contract Allocation. After saving the purchase order but then changing the quantity of the item to be ordered, when you received the material and attempted to nest to it the nesting wizard still displayed the original quantity. - 8382 (F0056617)

Applying the Grid Option of 'Group By' on a Purchase Order Receipt resulted in an 'Unhandled exception' error message when you clicked on the '+' symbol to expand the selection. - 8310 (F0056553)

Changes made to Purchase Order lines using the Batch Update button will now be Saved. – 7909

When saving a Purchase Order Receipt containing Mandatory Custom Fields you are now able to enter Values into these fields. A bug existed that displayed the warning sign indicating fields needed completing but these fields were then disabled and couldn't be entered into. - 7856 (F0055059)

When creating Purchase Orders, Custom Item Price Units now work as they did prior to the release of 7.5. An additional field has been introduced when adding lines to a Purchase Order (Order Unit / Pack Qty) to enable users to continue to order items in Packs. - 7831 (F0054855)

A bug has been fixed whereby a 'Divide by Zero' error occurred when trying to invoice Purchase Order Receipts. This occurred if 'Retain Order Value' was checked on any Purchase Order Receipt for a Non-Steel or Free line item. - 7798 (F0054800)

System

Enabled / Last Run Date / Last Run Time / Status columns have been added to the Automated Tasks Search grid - 2609

StruMIS Server Manager wasn't creating SPID, DBName and ComputerName columns when creating StruMis_sessions. - 8523 (F0054961)

The 'User' Export was taking a long time to export. - 8488

Restoring Databases via Server Manager now imports the latest Language Strings. – 8485

A bug has been fixed that when running a report from 'My Contract Reports' on the Contract ribbon the Contract field was not always automatically populating. – 8467

The Support URL on the Production Activation screen of the Installer has been changed from www.acecad.co.uk to www.acecadsoftware.com - 8368 (F0056685)

A bug has been fixed whereby String or Binary data truncated error messages occurred when the Foreign translation string was longer than the System string. - 8172 (F0056264)

The Application menu in BIMReview (when opened from StruM.I.S) is now more consistent with the standalone version of BIMReview. – 8129

A (blank) Kuwait folder has been restored to the Regions folder to prevent the message 'Please wait whilst Windows configures StruM.I.S evolution' occurring on some systems. - 7862 (F0055070)

When using Import and Export to import Employees, all Employees who share the same Name will now be imported. - 7845 (F0054749)

The Automated Backup Database was failing with Timeout errors when trying to backup large databases. - 7443 (F0053867)

Reports

User Defined Reports - a bug has been fixed whereby the Report Criteria, Filter Type of 'Starts With' & 'Ends With' weren't working correctly. - 8059 (F0055900)

Error when running a report using SQL expression - when the change of a dependant control called the code to populate the control that was depending on the dependant control's value it was checking to see if the LookupType was the SQL type, however it didn't take into account the possibility that the LookupType might not be set, in which case it would display an error. - 8015

Both Purchase Order and Cast Reference fields are available to add to the four types of Production, Detailed Nesting Cutting List Reports. - 1908, 2574 (F0042595, F0043966)

The Detailed Nesting Cutting List Reports will now display correctly when run with the print options: Group By Lot with the Page Break set to Lot/Load. - 6668 (F0052405)

The Cast Reference (along with various other fields) is now available to add to the Detailed Nesting Cutting List Reports. - 6686

The Mark Item Unit Weight is now available to add to the Production, Detailed Nesting Full Cutting List Report. – 7243 (F0053363)

When some (but not all) Mark Items on a nested bar were moved to another Workstation the bar was showing twice on the Detailed Nesting Cutting List Reports. - 6786 (F0052141)

The Detailed Nesting Cutting List Reports no longer reverse the Cut Type and End Angles when the reports are run by Lot. - 6851 (F0052300)

A bug has been fixed whereby the Detailed Nesting Reports quantities were not matching with the Nesting Pick List Report. - 7112 (F0053033)

The Detailed Nesting Cutting List Report - Bar Images was taking a long time to run in certain instances. The method of retrieving the data has been optimised to prevent this. - 8028 (F0055787)

The Production, Nesting Pick List Report now displays the correct quantity of Non Steel items in Inventory; previously it displayed a quantity of 1. - 8083
A new Production Report has been created, the Outstanding Work Report, this provides the User with a list of Mark Items / Marks that have still to complete a Process / Stage (i.e. still have to be made).There is also the option to print the Report to show all of the Processes / Stages that have been completed. – 7146 (F0055668)
The Instance field (from the Production Control grid) is now available to add to the four types of Production Delivery Note Reports. – 7419 (F0053842)
User Defined Fields are now available to add to the four types of Production Delivery Note Reports. - 7835
The Customer Name field is now available to add to the Production Delivery Note Reports. - 7926
The Contract Description field is now available to add to the Production Delivery Note Reports. – 7927
A speed issue has been addressed that led to the Site: Production Delivery Note Report failing to run on larger databases. – 7920
The Production Delivery Notes will now display the Header information Barcode even when no items have been added to the notes. - 8132 (F0056142)
The Cutting Plan field is now available to add to the Production, Cutting Document Report. - 7947 (F0055443)
The time has been removed from the Required Date field on the Prelim Summary Report. - 5843
The Payment Terms Notes field is now available to add to both the Sales Order Report and the Sales Invoice Report. - 6522 (F0051525)
The Contract Management, Contract Cost Code Summary Report can now be run with the option of Including / Not Including Closed Contracts. – 6826
The Cast Reference, Tracking Number and Transaction Description are now available to add to the Inventory Transaction Report. - 6926 (F0052508)
A Mark's quantity is now available to add to the Contract Management, Drawing Material List Report - 7025 (F0053193)
The Delivery Note Status Report can now be run for a specific Delivery Note. - 7761 (F0054673)
For all items at process Complete, the Production Delivery Note Status Report will now show the location as per the Production Control grid rather than showing 'Default' - 8088 (F0055968)
When running the Contract Management, Paint Finish List Report, the Paint Finish drop down will now only display paint finishes relevant to the selected Contract. - 7762 (F0054674)
A bug has been fixed whereby the Mark Item Properties Report didn't always display the correct quantities when run by the print option of Lot. – 7781
After upgrading to version 7.5.9 some Custom Report Templates produced an error when running user reports. This fix creates unique names for existing objects on the templates. - 7811 (F0054810)
System Reports can no longer be edited. Attempting to do so will display the Sorry you cannot edit system Reports message. - 7921
In some instances the Estimate Autocut Waste Report was duplicating Lengths Not Covered. This occurred if the Item had no Supplier Lengths specified and the Estimate contained two or more different Lengths for the item. - 7814 (F0055099)
The 'Notes' have been updated for the Current Inventory Report to give a clearer indication of what the Report will display. – 7819
A bug has been fixed whereby a 'string or binary data would be truncated' Error message occurred when trying to run the Work In Progress Report on a Portuguese PC. – 7833
Item Custom Fields are now available to add to the Item Quantities Below Minimum Summary Sheet Report - 7892 (F0055144)
The Current Inventory Report, when run for a specific Contract, will once more show Contract only

Allocated Inventory. - 7904
The Purchase Invoice Description field is now available to add to the Purchasing & Suppliers, List of Invoices Report. - 7949 (F0055425)
Supplier Custom Fields are now available to add to the Purchase Order Report. - 7960 (F0055427)
A bug has been fixed whereby the Composite Rate was being duplicated / overwritten on the BOQ Summary Sheet Report. – 7986
The Current Inventory Report no longer duplicates Contract (only) Allocated Steel, ordered on one purchase order but received on separate purchase order receipts – 7998
Section Name and Section Code are now available to add to the Items & Inventory, Movement Report. – 8019
Phase and Lot columns have been added to the Production, Employee Timesheet Report – 8073
Phase column has been added to the Purchase Orders by Contract Report, Phase has also been added as a Print parameter when running the Report. In addition both Lot and Allocation have been made available to add to the Report. - 8087
When the Lotted Quantity of a Released Mark is increased, this will now appear on the Production, Mark/Mark Item Quantity by Process Report as one line. Previously this appeared as two lines (even though all items were in the same Lot) which then lead to wrong quantities in the Goods Despatched column of the Report. - 8089
Phase, Lot and Allocation are now available to add to the Purchase Order Report. - 8090
Phase, Phase Description, Lot, Lot Description, Mark and Mark Item Paint Finish are now available to add as separate fields to the Item Barcode Labels Report. - 8263 (F0056504)
The Production Employees Report will now only show Active Employees – 8339
On the Estimate Report, Estimate Summary Totals, the Qty column has been widened as the Items Qty figure was overwriting itself. - 8413 (F0056779)
Both the Cost Centre Summary Sheet and the Cost Code Summary Sheet Reports will now show values for Extras when the Extra has a Calculation Type set to 'Lbs' - 8490 (F0056938)
The checkbox columns 'Requires Unnesting' and 'Requires Unissuing' have been added to the Contract Detailed Listing CAD Interface Revisions Report. – 8582
A new Contract Management system report has been created, the 'Contract Detailed Listing Revisions History Report' - 8658

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