



**STRUMIS**

BRINGING  
STRUCTURE  
TO STEEL

## STRUMIS What's New Guide

# STRUMIS v10.2 What's New Guide

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## Foreword

STRUMIS v10.2 is an intermediate release which looks mainly at performance enhancements. Development of new features within STRUMIS has been dramatic since version 9.0.14, therefore we have taken time to look at how this may have impacted our customers who process large amounts of transactions.

We are happy to announce that many aspects have been reviewed and subsequently optimised in order to improve performance. Where possible, hot fixes have been deployed for version 10.1 ahead of this build.

Functionality has been added to this build, including mill nesting of plates and nesting to “true” length, along with small changes to Revisions.

Our final planned version 10 release, v10.3, will include additional enhancements to Estimating along with further improvements to Revisions.

## Translations

The following are common translations between UK and US English which may be useful when reading this document.

UK English	US English
Mark Item	Piece Mark / Part
Mark	Assembly
Cast Reference	Heat Number
Generate Contract Work Orders (GCWOs)	Issue to Production
Offcut	Drop / Remnant
Prelim(inary) Listing	ABM (Advanced bill of materials)
Detailed Listing	BOM (Detailed bill of materials)
Phase	Sequence

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## Performance Enhancements

A series of significant changes have been made to help optimise STRUMIS in a number of areas. Whilst the majority of the changes are behind the scenes, there are some new options features that can be used to aid the speed improvements.

## Production

When progressing multiple cutting plans simultaneously in Production Control or Console, this is now handled as a bulk transaction rather than progressing individual cutting plans one by one and as such is much quicker.

## Nesting

The Nesting and Ordering Grid will now only pull data once rather than each time a tab within the data grid is selected.

### New Filter option on Nesting & Ordering grid

Users can now opt to display a series of filters on the Nesting and Ordering grid. By selecting the Production Option “Display Nesting & Ordering Filters”, when Nesting & Ordering is initially opened it will do so without any data being loaded (as Inventory currently does). This allows the User to narrow the selection prior to retrieving the data, resulting in the data being returned more quickly - particularly on large contracts.

Default Max Rows in Production Control	249.000
Display Nesting & Ordering Filters	<input checked="" type="checkbox"/>
Enforce Work Order Process sequence	<input type="checkbox"/>
Hide Move Button on Production Console	<input type="checkbox"/>
Item Work Order - Mask	I-WO-{\#####}

Contracts

Items to Nest

The Nesting & Ordering; Items to Nest form allows you to perform the AutoCut and Manual Cut functionalities on a given selection of Mark Items in order to nest.

Filter

Show Items

☒ All ☐ Steel ☐ Non Steel

Name

Cutting Plan(s)

Batch

Bundle

Workstation

Search

Clear

All Marks

Not Covered

Part Covered

EDI Sales Quotation

Saved Nests

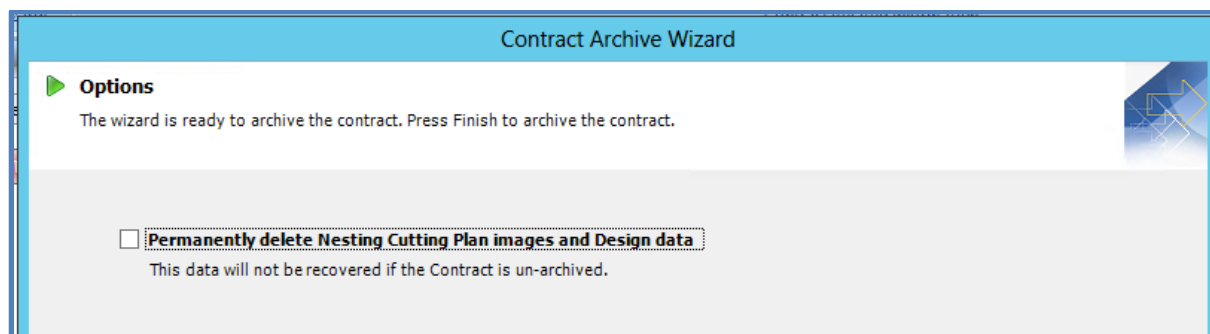
Covered

Selected	Contract	Mark	Mark Item	Code	Mark Description	Paint Finish	Item	Length
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## Contracts

Contract Archiving has been reinstated and enhanced to have the option of removing all reservations along with Cutting Plan images and DXFs – which in certain cases were having a significant impact on the size of the STRUMIS database. Traceability will still be available but without the images.



## Inventory

Site inventory has been moved to its own independent table, this will ensure less data is pulled when searching on inventory.

A new filter introduced in STRUMIS v10.1 which may have been missed was the “Include Production Inventory” on the Advanced tab. If deselected, the Inventory Search grid will only return actual Inventory, rather than including all Production inventory (Marks and Mark Items) as well.

This filter can be applied by default by **deselecting** the “Include Production in Inventory Search” setting with Item & Inventory Options.

Option	
Default Unit for DXF shape import	Millimetres
Include Production in Inventory Search	<input type="checkbox"/>
Inventory History - Archive Item Inventory History data after n months	12
Inventory History - Delete Item Inventory History Archived data after n months	24

## System

The SQL database has been optimised throughout with new indexes deployed during 10.1.

Another change is to read current data and not wait for pending transactions to be processed. This is a significant improvement especially when a large transaction or multiple transactions are pending.

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## Nesting

### Mills Plate Nesting

This exciting new enhancement available in both Preliminary and Detail Nesting allows the mill nesting of plates.

Users can define the minimum length / width, maximum length / width and length / width increments that your mills can provide on the AutoCut Settings form. STRUMIS nesting will then calculate the minimum optimum sheet sizes.

*Please Note: this is only supported by the in-built STRUMIS Plate nesting engine and not by any of the integrated 3<sup>rd</sup> party nesting software.*

The screenshot shows the 'AutoCut Settings' dialog box with the 'Mills' tab selected. The dialog has a title bar with a close button (X) and a tabbed interface with 'Details', 'Mills', 'Advanced', 'Nesting Engines', 'Theoretical Offcuts', 'Inventory', and 'Information'. The 'Mills' tab contains a message box: 'The Autocut Mills form allows you to specify mills nesting lengths are generated.' Below this is the 'Mills Settings' section, which is divided into two columns: 'Linear lengths' and 'Plate lengths and widths'. The 'Linear lengths' column has four rows: 'Shortest Available Length' (6000), 'Longest Available Length' (28000), 'Available Length Increments' (100), and 'Round to Next Increment' (checked). The 'Plate lengths and widths' column has six rows: 'Shortest Available Length' (3000), 'Longest Available Length' (10000), 'Available Length Increments' (100), 'Narrowest Available Width' (1500), 'Widest Available Width' (6000), and 'Available Width Increments' (100). The 'Round to Next Increment' checkbox is also checked. At the bottom of the dialog are buttons for 'Help', 'Restore Factory Settings', 'Save', and 'Close'.

Mills Settings	
<b>Linear lengths</b>	<b>Plate lengths and widths</b>
Shortest Available Length	Shortest Available Length
Longest Available Length	Longest Available Length
Available Length Increments	Available Length Increments
Round to Next Increment	Narrowest Available Width
	Widest Available Width
	Available Width Increments
	Round to Next Increment

### Enhanced Mills Linear Nesting

The above feature has also been incorporated into Mill linear nests, utilising the bi-dissecting algorithm to identify the optimum lengths more efficiently rather than attempting thousands of permutations for each bar increment.

*Please Note: Users will no longer see every length permutation in the Available Lengths grid. Instead they will see a single row, displaying the minimum length in the "Length" column and the maximum length in the "Full Length" column.*

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## Ability to Edit a Plate Nest without adding or removing parts

Within version 10.2 you now have the option to recall an existing plate nest / workspace & edit the nest within the nesting application without having to either add or remove existing parts, dramatically saving time. This can be accessed by clicking the **Edit** button on the Edit Results form.

*Please Note: this is for 3<sup>rd</sup> party plate nesting applications only and not the in-built STRUMIS Plate nesting engine.*

Edit Results (Un-Nest)

Edit Cutting Plan/Un Nest : Select the items in the Grid and press the Un Nest/Undo button - to mark the items you wish to un nest or remove from the cutting plan

Drag a column header here to group by that column.

Item	Length	Width	View Plate Offcut	Cutting Plan	Purchase Order	Received	Cut	Part Cut	Quota
PL6-S235JR	6000.000	1500.000	<a href="#">View</a>	3	PO-00023	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Contract	Drawing	Parent Mark	Mark	Mark Item	Prelim Mark	Length	Width	Phase/Zone	
TU3082	551-00		551-00	551-19-F1		700.000	700.000	1	
TU3082	551-00		551-00	551-19-F1		700.000	700.000	1	
TU3082	551-00		551-00	551-19-F2		700.000	700.000	1	
TU3082	551-00		551-00	551-19-F2		700.000	700.000	1	
TU3082	551-00		551-00	551-05		1098.000	279.000	1	
TU3082	551-00		551-00	551-05		1098.000	279.000	1	
TU3082	551-00		551-00	551-05		1098.000	279.000	1	
TU3082	551-00		551-00	551-05		1098.000	279.000	1	

Grid Options ▾ Un-Nest / Undo **Edit...**

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 cutpieces 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.

☐ Un-Issue mark items from production. (This will remove the un-nested mark items from production work orders)

OK Cancel

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## Using NC Length for Nesting

When nesting linear items with 'Include CAM data' option checked, the wizard will now use the true NC length rather just Detail Listing lengths.

This is ideal for bevelled item or items edited using STRUCNC.

The screenshot displays the STRUMIS v10.2 software interface. At the top, there are tabs for '2D View' and '3D Display'. The 2D View shows a technical drawing of a beam with dimensions: '203X203X46 (7000.00 OVERALL)' and '203.60'. The 3D Display shows a perspective view of the same beam with dimensions: '203.20' and 'Web Front'. Below these views, there is a 'Source' window. The 'Source' window has a tab labeled 'Source /' and a list of items from 'Cook Metals (Loughborough) Ltd (1 Item)'. The list includes columns for 'Accept', 'Item', 'Quantity', 'Length', 'Width', 'Supplier Unit Price', 'Price Unit', 'Total Cost', 'Linear Waste', and 'Remnant/Wast'. The 'Length' column is highlighted with an orange box, showing values of '7070.000' for two items. Below the table, there are buttons for 'Grid Options', 'Batch Update', 'Check / Un-Check', and 'Manual Nest'. At the bottom, there are buttons for 'Help', 'Cancel', '<< Previous', 'Next >>', and 'Finish'. The status bar at the bottom right shows 'Remnant: 0mm' and 'Waste: 360mm'.

Accept	Item	Quantity	Length	Width	Supplier Unit Price	Price Unit	Total Cost	Linear Waste	Remnant/Wast
<input checked="" type="checkbox"/>	203X203X46UC-S355JR	2.000	14500.000	0.000	500.000 (T) Tonnes		668.45	360.000	2.483

Contract	Drawing	Mark	Mark Item	Quantity	Length	Width	Phase/Zone	Lot/Load	Rotab
C-0073	A1001	A1001	1001	2.000	7070.000	0.000	1	1	<input type="checkbox"/>
C-0073	A1001	A1001	1001	2.000	7070.000	0.000	1	1	<input type="checkbox"/>

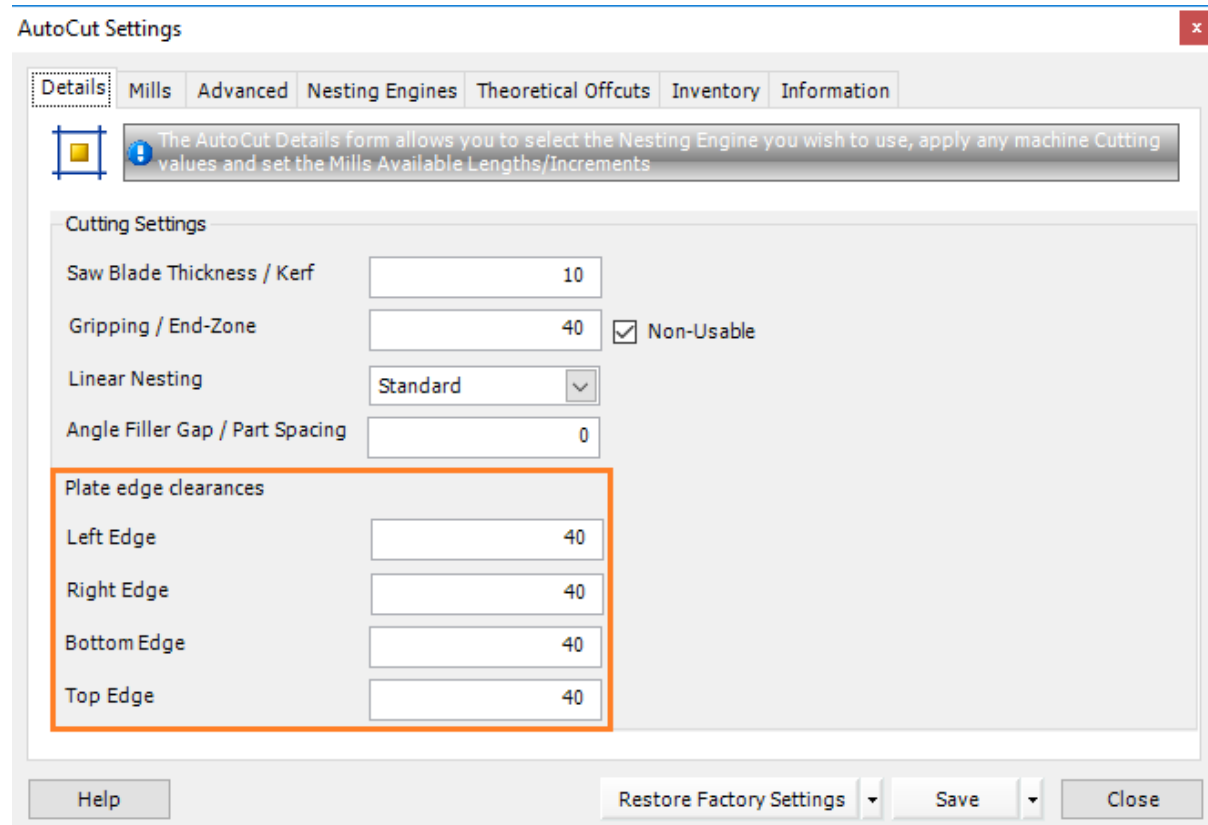


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## Plate Edge Clearance settings

AutoCut Settings now has additional parameters for Plate Edge Clearances which will be taken into account when nesting.

*Please Note: these values are only supported by the in-built STRUMIS Plate nesting engine and not by any of the integrated 3<sup>rd</sup> party nesting software.*



The screenshot shows the 'AutoCut Settings' dialog box with the 'Details' tab selected. The 'Cutting Settings' section contains the following parameters:

Parameter	Value	Additional Info
Saw Blade Thickness / Kerf	10	
Gripping / End-Zone	40	<input checked="" type="checkbox"/> Non-Usable
Linear Nesting	Standard	Dropdown menu
Angle Filler Gap / Part Spacing	0	
<b>Plate edge clearances</b>		
Left Edge	40	
Right Edge	40	
Bottom Edge	40	
Top Edge	40	

The 'Plate edge clearances' section is highlighted with an orange box. At the bottom of the dialog, there are buttons for 'Help', 'Restore Factory Settings', 'Save', and 'Close'.

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




## Revisions

Some minor enhancements have been made to the management of revisions, with further developments planned for STRUMIS v10.3.

## Manually black flag all instances of Marks and Mark Items

It is now possible to manually black flag all instances of a Mark or Mark Item when making manual revisions within Detailed Listing. Previously you could only reduce to a minimum quantity of 1.

*Please note: this is still limited to Marks and Mark Items that have not been released in Production Lotting.*

Drawing Marks									
Mark	Description	Parent Mark	Site Assembled	Quantity	Paint Finish	Weight (T)	Area (m²)	Phase / Zone	
 AX1	L75*6		<input type="checkbox"/>	1.000		0.006	0.257		
 AX1	L75*6		<input type="checkbox"/>	1.000		0.006	0.257		
 AX1	L75*6		<input type="checkbox"/>	1.000		0.006	0.257	Phase 106	
 AX1	L75*6		<input type="checkbox"/>	1.000		0.006	0.257	Phase 106	
 AX2	L100*12		<input type="checkbox"/>	1.000		0.029	0.645	Phase 105	
III									
Grid Options ▾		Display MarkPhases/Zones <input type="checkbox"/>				Actions ▾		Add Mark	
Component Mark Items									
Mark Item	Quantity	Item	Type	Main Member	Length	Width	Weight (T)	Area (m²)	Cut Type
 ax1068	1.000	RSA75X75X6.0RSA-A	Shaft	<input checked="" type="checkbox"/>	857.200	0.000	0.006	0.257	Straight Cut



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## Estimating

### Labour Usage and Fittings with the same name at different Facilities.

Previously, when using multiple Facilities, Users were unable to create Fittings or Labour Usages with identical names for the different Facilities - this is now allowed.

Name : BA1 (2 Items)		
Facility	Description	Item
 Default	BASE PLATE 300X300 FLT @ 15MM	300X15FLAT-S275
 Main Structure	BASE PLATE 300X300 FLT @ 15MM	300X15FLAT-S275

Facility	Item	Sectiontype
 Default	139.7X5.0CHS-S275JR	CHS - Hot Rolled Circular Hollow Section
 Main Structure Shop	139.7X5.0CHS-S275JR	CHS - Hot Rolled Circular Hollow Section

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## Inventory

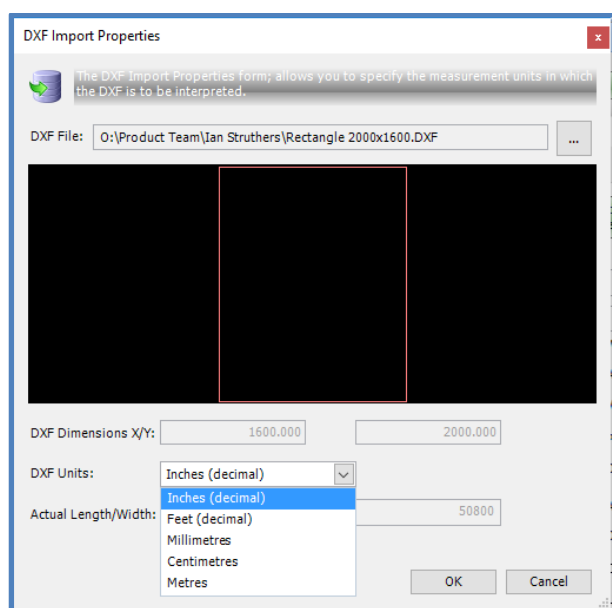
### Specify the unit when updating DXF

Prior to v10.2, issues could arise with the dimensions when importing a DXF for an offcut. This was being caused because it is not mandatory to incorporate a unit parameter within a DXF file and therefore when importing a DXF the wrong scaling could be applied. This in turn could dramatically alter the weight and values of inventory.

A new 'DXF Import Properties' form is now displayed in the following areas whenever you use the update DXF functionality

- Edit Inventory form
- Manual Production Cutting form
- Production Console, both the Specify Offcuts & Simple Cutting forms

This allows you to specify the measurement unit when uploading a DXF, and will write the correct measurement unit to the DXF file for future reference.



### New Inventory History Automated Task and Reconciliation Report

A new system Automated Task has been added which when enabled, will store a snapshot of the Inventory database every day for a set period of time.

This can then be used in conjunction with the new Inventory Reconciliation report to review material usage.

*Please note: the new Automated Task is disabled by default and if enabled, will have an impact on the size of your database. We suggest contacting your local support office before enabling for more information.*

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## Minor Fixes

### Enquiries & Estimating

- Creating a new Enquiry with a custom Bid Status no longer throws a TINYINT error. (F0070119 / G5R9486857)
- Facility object is now available under System menu when in Estimating license mode. (F0070392 / GCDG346662)
- Error no longer occurs when adding a Fitting Group via the Estimate Batch Update form.
- New Salesman and Estimator fields are now available on the Enquiry search grid. (F0070832)
- Modifications to the Enquiry Report; New Salesman and Estimator fields have been added under Enquiry Details and new report parameter to include / exclude Key Requirements fields.
- Attachments are now displayed when opening an Enquiry and Contract. (F0071008 / F0071791 / F0071821 / H1QC131686)
- The Labour Usage import / export XML now includes Facility. (F0070685)
- When batch updating the Item on the take-off form, the new Item's pricing information is automatically updated. (F0071027)
- Custom Fields are now displayed when opening an Enquiry and Estimate. (F0071294)
- Enquiries & Estimating permissions are now being enforced per Facility. (F0071741)

### Sales & Customers

- Error no longer occurs when attempting to save a new Contract Sales Order. (F0070206 / F0071118 / F0071216 / F0071221)
- Conversion error when attempting to add certain Assemblies to a Sales Invoice from a QS Analysis no longer occurs. (EBHF293354 / GBTJ464485)

### Items & Inventory

- Welded bars now appear in Inventory when a Contract filter is applied. (F0068888)
- The Inventory Movement form now behaves consistently, regardless of how it is opened. (F0069297)
- Issues editing quantities on an Issue to Subcontractor transaction have been resolved. (F0069300 / F0069371)
- Searching with an incomplete [non steel] Item name no longer throws a conversion error.
- Conversion error in Inventory search when multiple cast references cover the same Inventory line has been resolved. (F0070361 / F0070552 / F0070955)
- Facility Transfers no longer display multiple tracking numbers for the same Inventory line. (F0071193 / H22B295866)
- Error no longer occurs when adding a Contract-specific Supplier rate against an Item. (F0071699)
- Contract grouping issue fixed on the Inventory Summary Sheet report. (F0071712)
- Importing a DXF produced from Columbus software no longer imports incorrect dimensions. (F0071865)

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## Purchasing & Suppliers

- The Roll Reference field is no longer removed when saving a Purchase Order line. (G6TG152213)
- Purchase Invoice line value now correct for lines that have both tax and discount applied. (F0069496)
- The Overdue Orders report no longer includes Purchase Orders with a status of Requisition. (F0069506)
- The Section Code field has now been made available to add on the Purchase Order report. (F0069001)
- The weight and quantity values on the Confirmation of Receipts report now take into consideration lines that have been undone.
- A new Full / Summary parameter has been added to the Purchase Order report. In Summary mode, the report will combine lines that share the same Item, Length, Width, Unit Price, Price Unit and Notes properties.
- The Supplier Part Number field is no longer cleared when editing the allocation of a Purchase Order line. (GCSH111399)
- When manually adding a Purchase Order line and selecting a Contract allocation, STRUMIS will apply the pricing information with the following priority (F0071499 / F0071504 / F0071537 / F0071814 / H31E2A5974):
  - Contract specific Supplier rate
  - Supplier rate (non-Contract specific)
  - Item Default rate
- Conversion error no longer occurs when attempting to send a Nesting EDI. (F0070919)
- Rolling Reference and Rolling Date fields are now available to add to the Outstanding Orders report. (F0071096)
- The Purchase Order – Cut to Size report is no longer corrupted when the Supplier address has multiple contacts. (F0071180 / H1WK574886)
- The Purchase Order report is now ordered by Purchase Order Line Number. (F0071156 / H27I5A2A38)
- Speed improvements made when loading the Purchase Invoice search grid and when adding Purchase Order Receipt lines to a Purchase Invoice. (F0071047 / F0071139)
- Issue corrected with Free Line Purchase Order Receipt line values when added to a Purchase Invoice. (F0071577)
- Discount is no longer incorrectly applied when adding a Purchase Order Receipt line to a Purchase Invoice. (F0071582)
- The Tracking Number specified is already in use error no longer occurs when attempting to complete a Purchase Order Receipt. (H3TL381123)
- The file you have selected is for the following contract and batch which cannot be found in the system error no longer occurs when importing a return EDI file. (F0071764)
- When importing a Detail Nesting EDI, STRUMIS is no longer creating Free Line Purchase Order lines. (F0071789)

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## Contracts Management

- Revisions now takes into consideration the Cad Interface Dimension Rounding Tolerance setting for minor length and width changes. (F0068356 / F0068963 / F0069414 / F0071071 / H1NF6A4617)
- Mark and Mark Item Custom Field values are now revised when importing a subsequent CAD file. A new Custom Fields Revision Options setting has been added in Contracts Management Options with the following choices (F0069394):
  - Revise Custom Fields when not empty
  - Always revise Custom Fields
  - Don't revise Custom Fields
- Speed improvements have been made when running the Contract Cost Code Summary report. (F0070436)
- Two new reports have been added for Change Orders; Change Order Internal Notification and Change Order Client Notification.
- Prelim revisions is no longer treating changes in the width of a linear Item as a revision. (F0070557)
- The Welded Bars List – Prelim report has been optimised. (F0070710)
- Subsequent prelim Cad file imports are no longer clearing the Custom Field values of existing Prelim Marks. (F0070811 / H13C6468A8)
- Mark Items are no longer duplicated when they have Custom Fields with different values. (F0070927 / H14D523A87 / H1CB615426)
- Phase and Lot columns have been made available to show on the Revisions – Removed Mark Items grid (Import Detailed Listing Wizard).
- Phase column has been made available to show on the Revisions – Removed Marks grid (Import Prelim Listing Wizard). (H2PE525363)
- Drawing Revision and Prelim Mark changes are no longer treated as material changes. (F0070927)
- Attachments are now displayed when opening an Enquiry and Contract. (F0071008 / F0071791 / F0071821 / H1QC131686)
- Contract drop downs lists no longer hang in certain scenarios. (F0071019 / F0071088 / F0071149 / H1KE543A83)
- Custom Fields are now displayed when opening a Contract. (Custom Fields are now displayed when opening an Enquiry and Estimate. (F0071294 / H1VE182716 / H2HD384282)
- STRUMIS no longer hangs when importing a large BSWX file into Prelim Listing. (F0071323 / H2MD433822)
- Mark with the same key has already been added error no longer occurs when importing a BSWX Cad file. (F0071263)
- Contract Detailed Listing no longer hangs when manually updating certain properties of a Mark or Mark Item. (F0071446 / H33H663412 / H3DK572467)
- Error no longer occurs when attempting to filter on the Ignore column on Import Detailed / Prelim Listing Wizards. (F0071610 / H1V8221942)
- Mark Items no longer get imported without instances when importing a Detailed Listing using CAD GUIDs. (F0071464 / H3AD313345)

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- Site Fittings imported from a StruCAD BSWX are now imported correctly. (F0064793 / F0071194 )
- Truncated error no longer occurs when running the Committed Cost Costs Not Assigned to a Contract Budget report no longer occurs. (F0071815)
- It is no longer possible to import NC files via the Import CAM / DSTV Files Wizard when they have already been imported via Document Management.



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## Nesting

- The Detailed Nesting Cutting List with Bar Image report no longer displays incorrect quantities in the image. (F0068680)
- Nesting can now handle a greater variety of DXF files. (F0069947 / G98F155351)
- Contract is now correctly populated on the RFQ report.
- ItemReservationID field has been made available to add to the Detailed Nesting Full Cutting List report.
- The Nesting Results grid now displays accurate Waste and Offcut values for non-linear Items (F0071450).
- It is now possible to recall a SigmaNest workspace (for Theoretical Offcuts / Edit Nesting) if the Mark Items are issued to production but do not have an assigned workstation. (H15I594114 / H28F1A5575)
- The Nesting Pick List report no longer displays incorrect quantities in certain scenarios. (F0071103 / F0071108 / H19C494626 / H19H2452A8)
- STRUMIS now better handles nesting to a Theoretical Offcut belonging to a task containing multiple sheets (within SigmaNest).
- When nesting using SigmaNest, StruMIS will now check for an existing SigmaNest Parts file for the Mark Item(s) & reload this, ensuring any previous Edits are not lost. (F0071352 / H2N5571162)
- The STRUMIS Stamp Text Height is now set against each part in SigmaNest, therefore editing any parts will not remove this property. (F0071436)
- 'Sequence contains no elements' error message is no longer thrown when nesting certain DXFs with the STRUMIS Plate Nesting Engine. (F0071803)

## Production

- The Mark Barcode Label 90x48mm report is now using the correct barcode style. (F0069222 / G78I6A2A74)
- Bundle filter added to the Item Barcode Label report. (G766156278)
- The Outstanding Work Report now runs regardless of the Process Sequence value. (F0065471)
- When creating either a Storage, Workshop or Subcontractor Delivery Note, if the 'Destination Location Facility' is different to the 'From Location Facility' the selection no longer changes when saving. (F0071073 / GAPD693374 / H1N5564499)
- Employee parameter value added to the Production Status report header. (GB9I346871)
- When running the Generate Work Order Bar Code Report from the Production Control grid, the report no longer only shows Marks / Mark Items at their first process. (GBDD135764)
- Manual Production Assembly no longer displays incorrect Marks available for assembly. (F0070979)
- When exporting DSTV, if the DSTVCAT option within the DSTV.par file is set to ON, it now replaces the name of the Item (line 9 of the DTSV file) with the alternative name specified within the DSTV.CAT file.
- Detail Planning no longer locks up for minutes under Spanish Regional settings. (F0071585)

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## Document Management

- The Document Cast Reference form has been optimised to prevent a delay in opening. (F0069887)
- Tinyint error no longer occurs when applying a custom Document Type or Document Kind to documents being imported. (F0068587 / F0068862 / H1HF1745A7)
- Commas are no longer removed from Recipient Names on the Document Transmittal report. (F0069284)
- Invalid column name error no longer occurs when running the Document Transmittal report (by individual report). (GCF5212337 / GCFA632775 / GCNI362718)
- Invalid column name error no longer occurs when running the RFI Coversheet report. (F0070728)
- New Document Transmittal Report – Summary added.
- Invalid column name error no longer occurs when selecting the View Transmittals for this Document option. (GCFA632775 / GCSH335A83 / H1VA111A69)
- Several fixes made to the Document Transmittal Report (by individual report) and the Document Transmittal Report (by contract) reports. (GCSG6651A8 / GCUG372487 / GCVE153A35 / GCWB325995 / H13F18667A)
- Invalid column name error no longer occurs at the end of the Document Transmittal Wizard. (F0071540 / F0071679 / GCSD525646 / H1AB3A127A)
- Attachments are now being listed on the RFI Coversheet report. (F0070846 / H1DD526124 / H1JB49651A / H1QB2A1618)
- Documents are now automatically revised if the Document Type is updated during the Document Import Wizard. (H27H482942)
- The Cast References field on the Document form has been moved so it no longer hidden in certain cases.
- When running the RFI Coversheet from the RFI form, it no longer prints the Transmittal Coversheet. (H1DD526124 / H1JB49651A / H1QB2A1618)
- Text entered in the Details field on an RFI is no longer being displayed twice on the email when using Send Email RFI. (F0070855)

## System

- STRUMIS will no longer report incorrect 4GB database limit when using SQL 2012, 2014 or 2016. (F0069139 / F0071595)
- The User import and export XML is now Facility aware. (F0069275)
- The Production Process import and export no longer fails if inch markers exist within it. (F0068276)
- Error no longer occurs when attempting to run a report to an Excel template via an Automated Task. (F0070375)
- The Recent menu now displays all recently used items when logged into the Estimating only license mode. (F0059445 / F0070176 / F0071286)
- Named pipes that STRUMIS uses are now appropriately suffixed so that they should not clash with other programs installed on the same machine (eg. Dropbox). (F0059171 / F0060028 / F0062543 / F0071487 / H31E465913)