

# StruM.I.S 9.0 “What’s New” Guide

## Forward

StruM.I.S version 9.0 is one of the most comprehensive builds undertaken by AceCad in its history and further cements StruM.I.S as the worldwide market leading MIS system for Steel fabrication.

Version 9.0 incorporates a number of substantial new functions including Resource Planning and Scheduling, Multi Facility and Multi Currency Management to name a few.

This functionality will be further enhanced in versions 9.1 and 9.2, which are soon to follow.

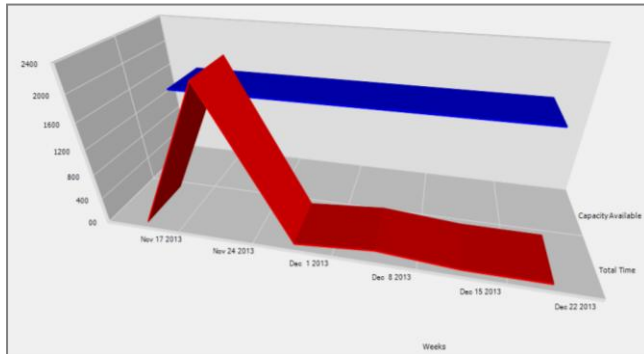
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## Long Range Planning

Forward shop loading is easily achieved with the inclusion of Long Range Planning. This can be done using both weight and hourly capacities and incorporates milestone tasks (events).



Nov 17 2013		Nov 24 2013		Dec 1 2013	
Weight (t)	Time (hrs)	Weight (t)	Time (hrs)	Weight (t)	Time (hrs)
			2000.000		
			280.000		
0.000	0.000	0.000	2280.000	0.000	0.000
220.460	1600.000	220.460	1600.000	220.460	1600.000
220.460	1600.000	220.460	-680.000	220.460	1600.000
0.000	0.000	0.000	2280.000	0.000	0.000

## Default for Long Range Planning Capacities

Capacities can be defined generally for facilities, or in greater depth for locations within facilities.

Default Facility Weekly Capacity

Weight (t)

100.000

Hours

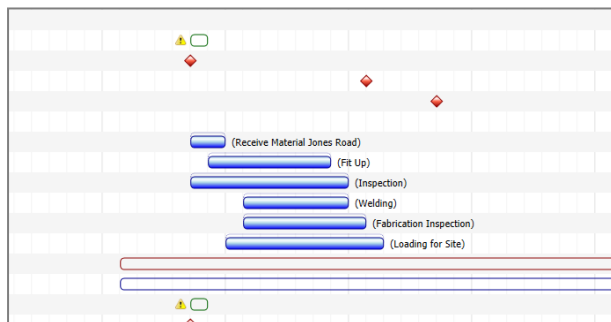
1050.000

Enter the weekly capacity values for a specific location and task. These defaults will be applied when Long Range Planning is chosen to 'Display Totals by Task'. (Note: You ha

Location		Task	Weekly Capacity	
			Weight (t)	Hours
▶	Structural Fabrication / Assembly Bay	Fabrication	100.000	800.000
	Vessel Shop	Fabrication	0.000	250.000
*			0.000	0.000

## Detailed Planning & Scheduling

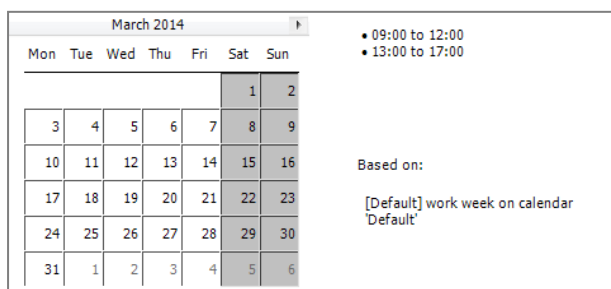
A long term request for StruM.I.S has been the inclusion of detailed resource planning. Within V9.0 this is now reality with priorities in tasks and resource capacities clearly identified.



Jones Road				
(Fabrication Inspection)	2520h	864.75h	0h	1655.25h
(Fit Up)	3528h	228.62h	0h	3299.38h
(Inspection)	2016h	905.36h	0h	1110.64h
(Loading for Site)	1008h	81.5h	0h	926.5h
(Receive Material Jones Road)	1008h	10.8h	0h	997.2h
(Welding)	1512h	122.4h	0h	1389.6h

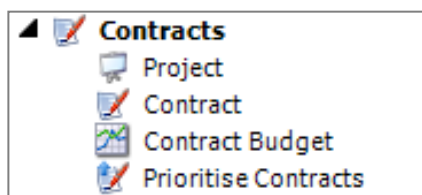
## Workstation and Employee “Resources” Calendars

Resource availability can easily be defined with individual workstation and employee calendars. This will inherit key parameters from the overall facility calendar, but then can be modified at the lower level.



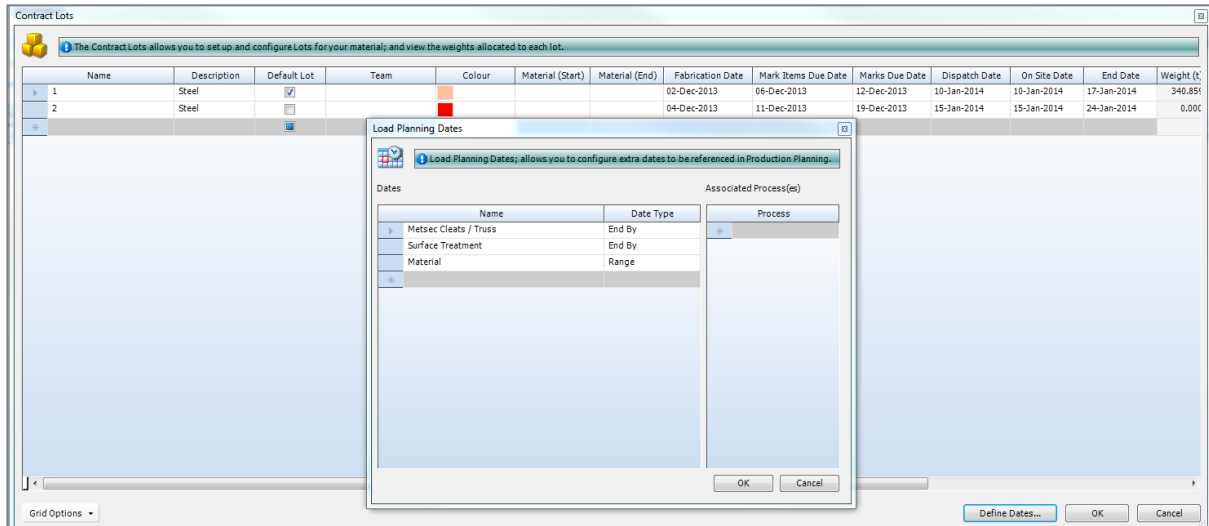
## Contract Priorities

Contracts can be ranked in relating to their criticality.



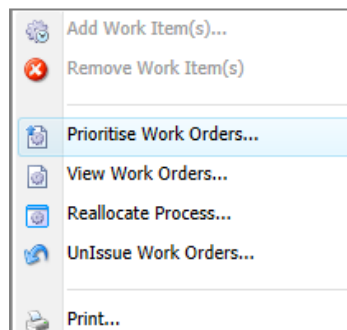
## Planning Date Recognition

Each Contract has the function of defining key milestone dates per lot / delivery sequence. These dates are utilised on any generated work orders and form part of the logic when added to the schedule.



## Work Order Priorities

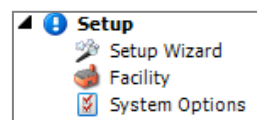
All Work Orders added to the plan can be prioritised for processing. This priority is shown in both Production Console and Control.



## Multi Facility

A major inclusion of version 9.0 is the emergence of Facilities. This additional tier allows multi plants and sub contractor control within one database.

Existing users will not require additional setup on upgrading unless they desire to expand to multi facilities.



## Enquiry Currency (Client)

A choice of Customer currency can be selected for enquiry values allowing greater flexibility when providing quotations within the system.

Enquiry	00000003		
Customer	GF Tomlinson Group Limited		
Facility	Default	Currency	GBP

## Contract Currency (Client)

The Contract currency is now flexible to that of the desired customer currency, rather than a flat system denomination.

Customer	North Midland Construction PLC		
Customer Reference		Currency	GBP

## Estimating Facility Aware

Estimates can now reflect the currency of the facility providing services rather than one centralised currency.

Section Prices				
WeightAdditions				
TransportAdditions				
Enter the Stockist and/or Mill prices for the sections, then click Save.				
Section Code				
Grade				
Facility	Default			
Items		Takeoff Stockist Rates		
Section Size	Grade	Price Unit	Stockist Price	Stockist Discount %

Details				
Labour Process				
UsageFittings				
Fitting Percentages				
Custom Fields				
Information				
The Usage Labour Costs; Details form allows you to define the process timings a				
Item Usage ID	25			
Name	COLUMN			
Facility	Default			

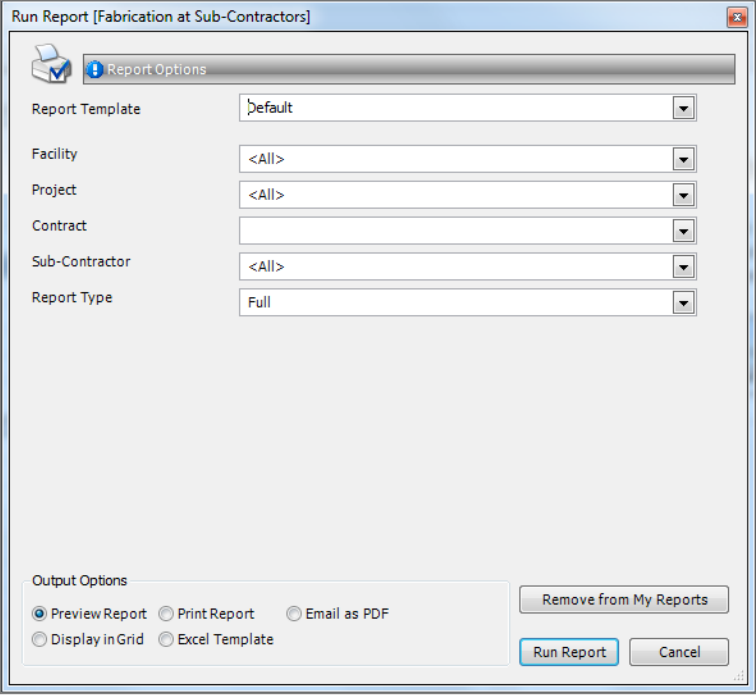
Extra ID	73
Name	- Galvanising (£320/tonne)
Description	Galvanizing Tonne Rate "Light Sections" (Exc.)
Facility	Default
Estimate Type	Default
Extra Type	Main Structure Shop Plate Shop
	<input checked="" type="radio"/> (+) Add <input type="radio"/> (-) Subtract
Roll Type	Hot Rolled
Roll Type (Based On)	Hot Rolled
Cost Code	50.04
Calculation Type	Tonne
Item Extra Rate	N/A
Quantity	0.000
Rate per Tonne	320.000

Details	
Take Off	
Data	
Custom Fields	
Attachments	
Information	
The Estimate; Details form allows you to define fundame	
Estimate ID	242
Estimate	E00000228
Description	Rack
Estimate Type	Take Off
Default Grade	
Facility	Default
Apply LabourUsages	Default
ApplyFittings	Main Structure Shop Plate Shop
	<input type="checkbox"/> Associate Fitting quantities with Steel It
Fittings Weight %	0.000
Rate Per (t)	0.000
Hours Per (t)	0.000
Fabrication Rate Per Hour	0.000



## Facility Filter Added to Reports

Each report affected by facility based reporting now has this filter selection added.



Run Report [Fabrication at Sub-Contractors]

Report Options

Report Template: Default

Facility: <All>

Project: <All>

Contract:

Sub-Contractor: <All>

Report Type: Full

Output Options

☒ Preview Report ☐ Print Report ☐ Email as PDF

☐ Display in Grid ☐ Excel Template

Remove from My Reports

Run Report Cancel

## Default Facility For Users

Administrators can define a person's default Facility under their user account.

## Facility Currency

Users can define a currency per facility location allowing financial tracking in their localised currency.

## Budget Facility Aware

Budgets highlight the customer currency at overview level. However the individual transactions reflect the initial currency and show any currency conversions.

## Employee Timesheets Facility Based

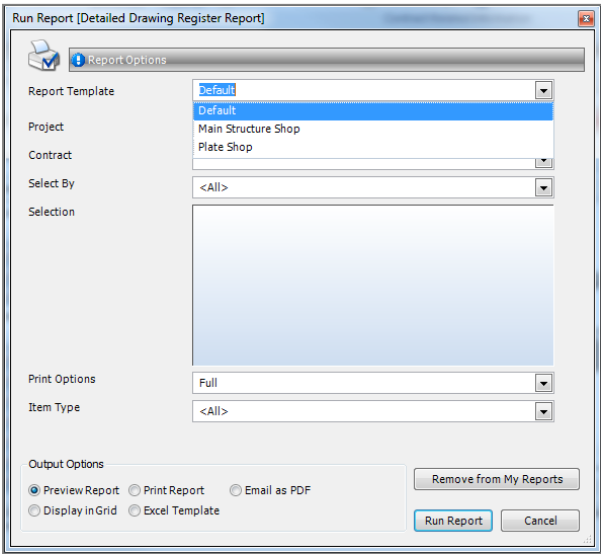
Employee timesheets reflect the facility where they are generated.

## Document Management Facility Based

Labels are added to reflect the facility owning each document.

## Multi Facility Report Templates

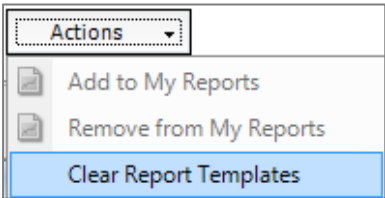
Reports can now reflect the desired template per facility.



The image shows a 'Run Report' dialog box titled 'Run Report [Detailed Drawing Register Report]'. It contains several sections: 'Report Options' with a 'Report Template' dropdown set to 'Default' (showing a list with 'Default', 'Main Structure Shop', and 'Plate Shop'); 'Project' and 'Contract' dropdowns; 'Select By' and 'Selection' dropdowns; 'Print Options' with a 'Full' dropdown; and 'Item Type' with a '<All>' dropdown. At the bottom, there are 'Output Options' with radio buttons for 'Preview Report' (selected), 'Print Report', 'Email as PDF', 'Display in Grid', and 'Excel Template'. There are also buttons for 'Remove from My Reports', 'Run Report', and 'Cancel'.

## Clear Report Templates

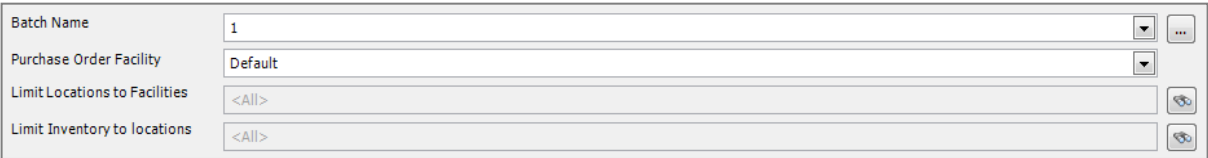
With multiple templates now being implemented, report templates can now be cleared within the system rather than exiting in each case.



The image shows a dropdown menu titled 'Actions'. It contains three items: 'Add to My Reports', 'Remove from My Reports', and 'Clear Report Templates' (which is highlighted in blue).

## Multi Facility Permissions - Search Grids Facility Permission Aware

The search grid results are dependent on the users role permissions.



The image shows a form with four rows of input fields. The first row is 'Batch Name' with a value of '1'. The second row is 'Purchase Order Facility' with a value of 'Default'. The third row is 'Limit Locations to Facilities' with a value of '<All>'. The fourth row is 'Limit Inventory to locations' with a value of '<All>'. Each row has a dropdown arrow on the right and a small icon in the top right corner.

## Facility Role Recognition

Users permissions are defined by their roles and facilities selected for each user accounts.

Details	Roles	Custom Fields	Attachments	Information
! The User's active Roles by Facility.				
Role	All	Default	Main Structure Shop	Plate Shop
Administrator	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Project Manager	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard Estimating User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Restricted User Access

Access to individual contracts can be restricted, allowing third parties i.e. clients and sub contractors to view and progress limited data.

Contract	Delete, Insert, Read, Show/Hide Columns, Update
Admin	<input type="checkbox"/>
Define Custom Fields	<input type="checkbox"/>
Delete	<input checked="" type="checkbox"/>
Insert	<input checked="" type="checkbox"/>
Read	<input checked="" type="checkbox"/>
Set User Restriction	<input type="checkbox"/>
Show/Hide Columns	<input checked="" type="checkbox"/>
Update	<input checked="" type="checkbox"/>

Details	Dates	Invoicing	Phases / Zones	Site Details	Data	Notes	Custom Fields	Attachments	Users	Information
! Restrict User Access										
<input type="checkbox"/> Restrict access to only the users below										
Name					Selected					
Roman Kripjacz					<input type="checkbox"/>					
Simon					<input type="checkbox"/>					


## New Action Based Role Permissions

Roles have been rewritten and expanded to be more specific to tasks / actions.

Details

Reports

Information


The Role's Details form allows you to assign access rights to a role.
















Role ID

1002

Name:

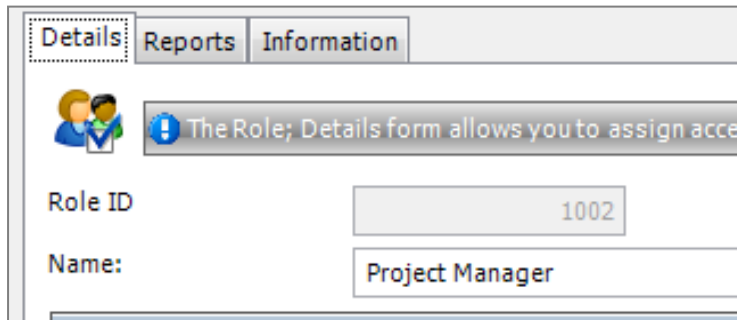
Project Manager

Contracts Management

	Name	
	BIMReview	Admin
	Contract	Delete, Insert, Read, Show/Hide Columns, Update
	Contract Budget	Delete, Insert, Read, Show/Hide Columns, Update
	Contract Detailed Listing	Delete, Insert, Read, Show/Hide Columns, Update
	Contract Prelim Listing	Delete, Insert, Read, Show/Hide Columns, Update
	Contract Progress Restriction	Admin
	Contracts Management Options	Delete, Insert, Read, Update
	Contracts Management Reports	Delete, Insert, Read, Update
	Import Detailed Listing	Delete, Insert, Read, Show/Hide Columns, Update
	Import Preliminary Listing	Delete, Insert, Read, Show/Hide Columns, Update
	Prioritise Contracts	Admin
	Project	Delete, Insert, Read, Show/Hide Columns, Update
	QS Analysis	Delete, Insert, Read, Show/Hide Columns, Update
	QS Category	Delete, Insert, Read, Show/Hide Columns, Update
	QS Category Set	Delete, Insert, Read, Show/Hide Columns, Update

## Role Based Report Usage

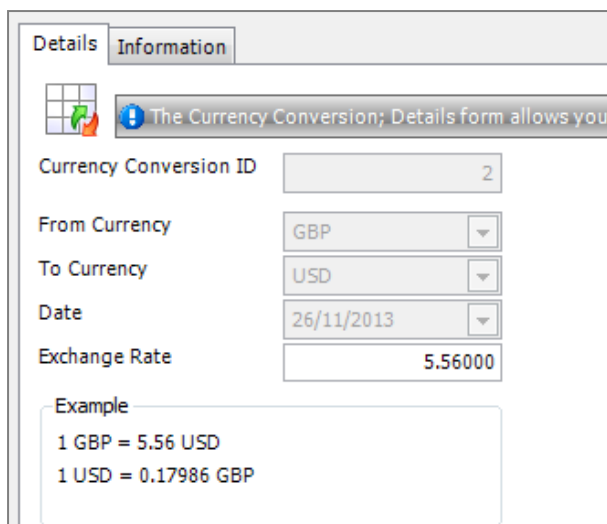
Reports can be limited to the user role settings.



The screenshot shows the 'Details' tab of a form. At the top, there are three tabs: 'Details' (selected), 'Reports', and 'Information'. Below the tabs is a message box with an exclamation mark icon and the text: 'The Role; Details form allows you to assign acce'. Below this, there are two input fields: 'Role ID' with the value '1002' and 'Name:' with the value 'Project Manager'.

## Currency Conversions, From and To Now Applicable

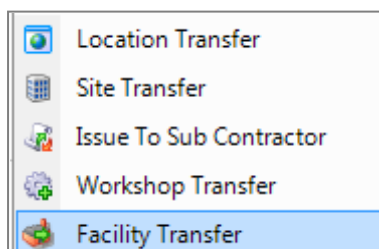
Currency conversions are more flexible, allowing selection of initial currency rather than system currency.



The screenshot shows the 'Details' tab of a form. At the top, there are two tabs: 'Details' (selected) and 'Information'. Below the tabs is a message box with an exclamation mark icon and the text: 'The Currency Conversion; Details form allows you'. Below this, there are five input fields: 'Currency Conversion ID' with the value '2', 'From Currency' with a dropdown menu showing 'GBP', 'To Currency' with a dropdown menu showing 'USD', 'Date' with a dropdown menu showing '26/11/2013', and 'Exchange Rate' with the value '5.56000'. At the bottom, there is an 'Example' section with two lines of text: '1 GBP = 5.56 USD' and '1 USD = 0.17986 GBP'.

## Facility Transfers

With inclusion of facilities, transfers are now possible between facility locations. This also reflects the currency and conversion of costs (if applicable).



The screenshot shows a menu with five options, each with an icon and a label. The options are: 'Location Transfer' (with a location pin icon), 'Site Transfer' (with a building icon), 'Issue To Sub Contractor' (with a document icon), 'Workshop Transfer' (with a gear icon), and 'Facility Transfer' (with a factory icon). The 'Facility Transfer' option is highlighted with a blue background.


## SMTP Mail Protocol

Use of e-mail accounts are now expanded from purely Outlook.

Use SMTP Mail	<input checked="" type="checkbox"/>
SMTP Server Address	<change>
SMTP Username	<change>
SMTP Password	<change>
POP3 Server Address	<change>
POP3 Username	<change>
POP3 Password	<change>
Default Email Address	<change>
SMTP SSL Port (-1 for no SSL)	-1
POP3 SSL Port (-1 for no SSL)	-1

## Contract Progress Restrictions

Progress of contracts can be controlled by initiating this functionality. This is found in system options.

Details	Dates	Invoicing	Phases / Zones	Site Details	Data	Contract Progress Restriction	Notes	Custom Fields	Attachments	Users	Information
 The Contract; Contract Progress Restriction form allows you to set which activities can be performed for this Contract.											
Contract Progress Restriction Settings											
Preliminary Listing	<input type="checkbox"/>	Nesting and Ordering	<input type="checkbox"/>								
Purchase Order	<input type="checkbox"/>	Work Order	<input type="checkbox"/>								
Detailed Listing	<input type="checkbox"/>	Delivery Note	<input type="checkbox"/>								
Lotting	<input type="checkbox"/>										

## New Lookups for Customer & Supplier Throughout (Binoculars)

Inclusion of a faster option for searching Customer and Supplier Names / Details.

Customer	First Name	Surname	Postcode	Country
Alpha Construction Limited	Adrian	Hubbard	DE65 5GE	
B & K Building Services	John	Copper		
Balfour Beatty Civil Engineering Limite	Commercial	Neil Armstrong	B36 7YG	
BHP Billiton Petroleum	George	Joseph	GPO Box 86A Melbourne VIC 3001	
Bloggs Engineering				
Bowmer & Kirkland Limited	David	Eskrit	DE56 2BW	
BP Petroleum	Mr	Spink		
Cash Sale				
Clegg Construction	Project	Jon King	NG1 1HN	
Clegg Food Projects	Project	John Rogan	NG1 1HN	
Clegg Special Projects	Project	John Rogan	NG1 1HN	
Crothers Construction Pty Limited	Don	Faine	6531	
Cullum Detuners Limited	Ian	Langton	DE75 7SW	
DS Smith Packaging	Engineering	Lee Wagstaff	S45 9BX	
Evadix	Beth	Adams	LL18 5JZ	
Fluor UK Limited	David	Smith	GU14 7BF	
GF Tomlinson Group Limited				
Herbert Baggailey	Quantity	Andy Campbell	NG18 5FU	
Ibex Interiors	Commercial	Amanda Kitchener	B3 3JY	

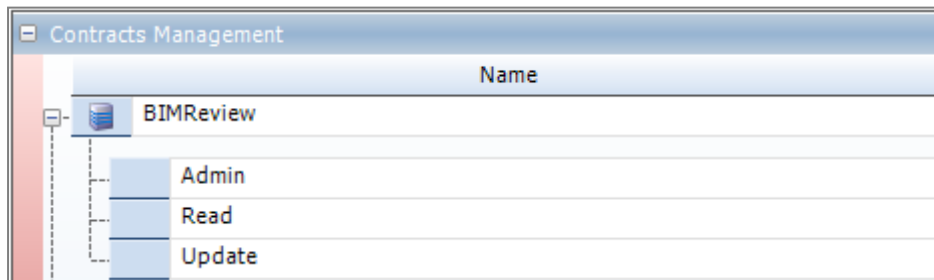
Select Cancel

## BIMReview V7 Functionality

See BIMReview Whats's New Document appendix

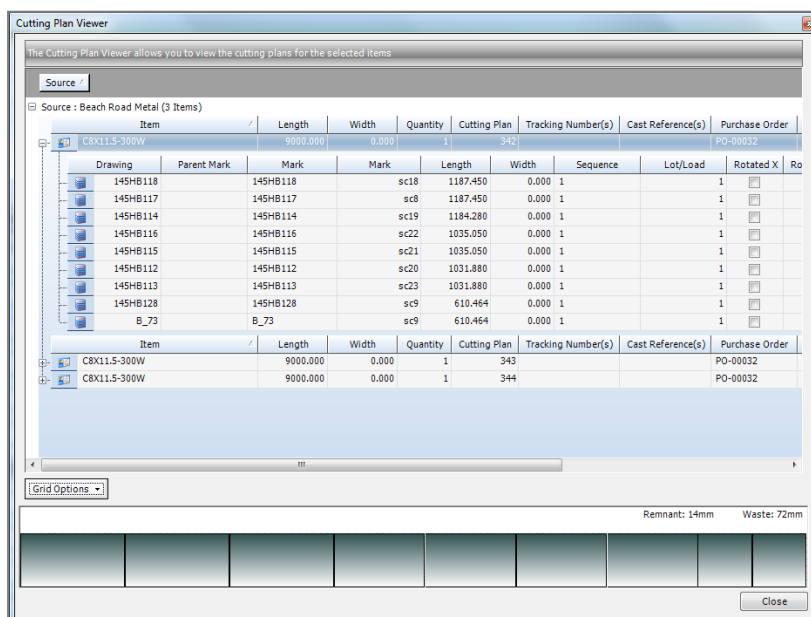
## BIMReview Permissions

Viewing and updating permissions for BIMReview can be applied, allowing third parties access if desired (Role level security).



## View Cutting Plan in Inventory Search Grid

Viewing of cutting plans has been extended to the Inventory lines within the search grid.



## Exchange Bar for Purchase Orders

Material allocation can be reversed on both Inventory Items and Purchase Order items not yet received.

Name	Location	Yard Reference	Length	Width	Quantity	Allocation
533X210X101UB	Back Yard	Bay 10	15300	0	1.000	C-00229:Phase 1(C18:M77, C24:M117, C26:M1
533X210X101UB	Back Yard	Bay 10	15300	0	1.000	C-00229:Phase 1(C18:M77, C24:M117, C26:M1
533X210X101UB	Back Yard	Bay 12	15300	0	1.000	C-00235:Phase 1(C18:M77, C24:M117, C26:M1
533X210X101UB	Back Yard	Bay 12	15300	0	1.000	C-00235:Phase 1(C18:M77, C24:M117, C26:M1

## Exchange Bar in Console

The exchange bar functionality has been extended to Production Console.

- View Drawing
- View Cam using StruCNC
- Edit CAM
- Add Note
- Exchange Bars**
- Refresh Grid

## Purchase Order Additions

Additional costs can be applied to purchase order lines to cover ancillary costs such as Transport / Processing etc. with the option of including these costs in the overall inventory value.

Details Information

The Addition Template Details form allows you to create/edit an addition template.

Addition Template ID: 2

Name: Shotblasting

Description: Shotblasting

Reference: SB\_ASD

Facility: Default

Unit Price: 65.000

Supplier: ASD Metal Services

Address: ASD Metal Services

Payment Terms: 30 Days

Cost Code: 50.01

Currency: GBP

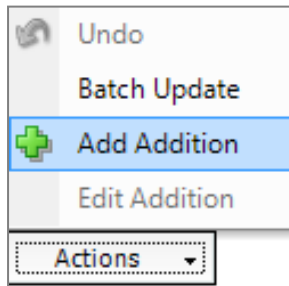
Tax Code: 20 Percent VAT

Unit: (T) Tonnes

☐ Add to Inventory Value

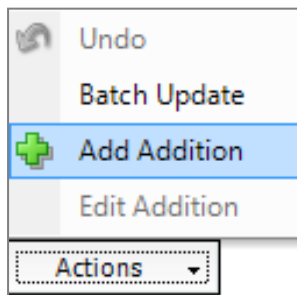
## Purchase Order Receipt Additions

As Purchase Order Additions, but at Purchase Order Receipt level.



## Purchase Invoice Additions

This option allows the invoicing of previously applied Purchase Order / Purchase Order Receipt Additions.



## Facility Transfer Additions

As Purchase Order Additions, but at Facility Transfer level.

A screenshot of a software window titled 'Item Facility Transfer Batch Update'. The window has a green title bar and a standard Windows interface. It features a 'Details' tab and an 'Additions' tab. The 'Additions' tab is active, showing a table with columns: Name, Description, Reference, Unit Price, Unit, and Template. Below the table is a 'New Details' section with various input fields: Unit Price (25.000), Supplier (Maunice Hill Transport Limited), Address (Head Office & Yard), Payment Terms (30 Days), Cost Code (60.02), Currency (AUD), Exchange Rate (1.), Exchange Rate Date (31/03/2007), Tax Code (20 Percent VAT), Unit ((T) Tonnes), and % Tax (20.000). There is also a checkbox for 'Add to Inventory Value'. At the bottom, there are 'Batch Update' and 'Close' buttons.







## Facility Transfer with Roles for Sending and Receiving

Completion of a transfer can only be finished by personnel with permissions for the receiving site.

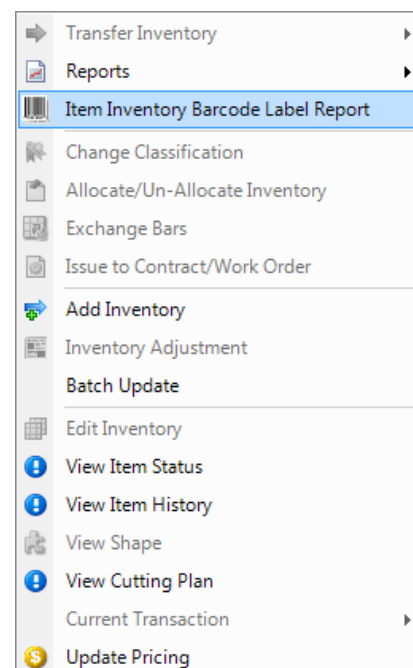
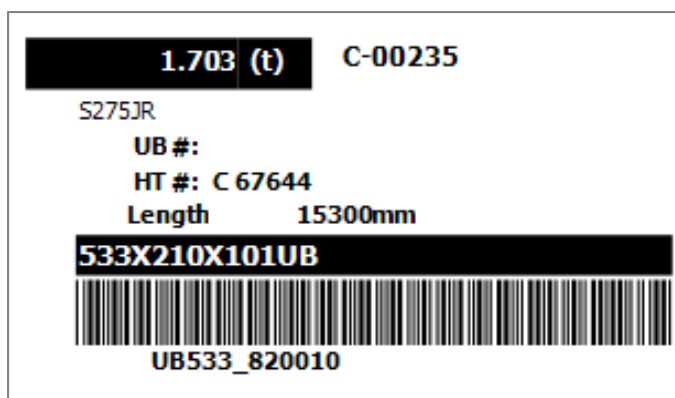
## New Cutting Transaction Recognition i.e. Uncut

Production cutting transactions are further identified by highlighting uncutting lines.

	Name	Mark Item
	533X210X82UB-S	18
	533X210X82UB-S	
	533X210X82UB-S	
	533X210X82UB-S	

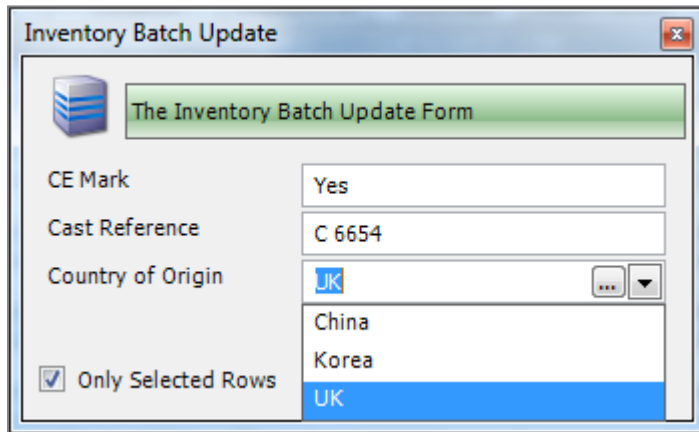
## Inventory Bar Coding

Using Serial Tracking, this allows inventory to be identified and exchanged when used in conjunction with the Cutting Report with Bar Code report.



## Batch update for CE marking & Country of Origin at Purchase Order Receipt and Inventory Level

The option of adding Country of Origin has been introduced at both Purchase Order Receipt and Inventory line level, along with batch update functionality.

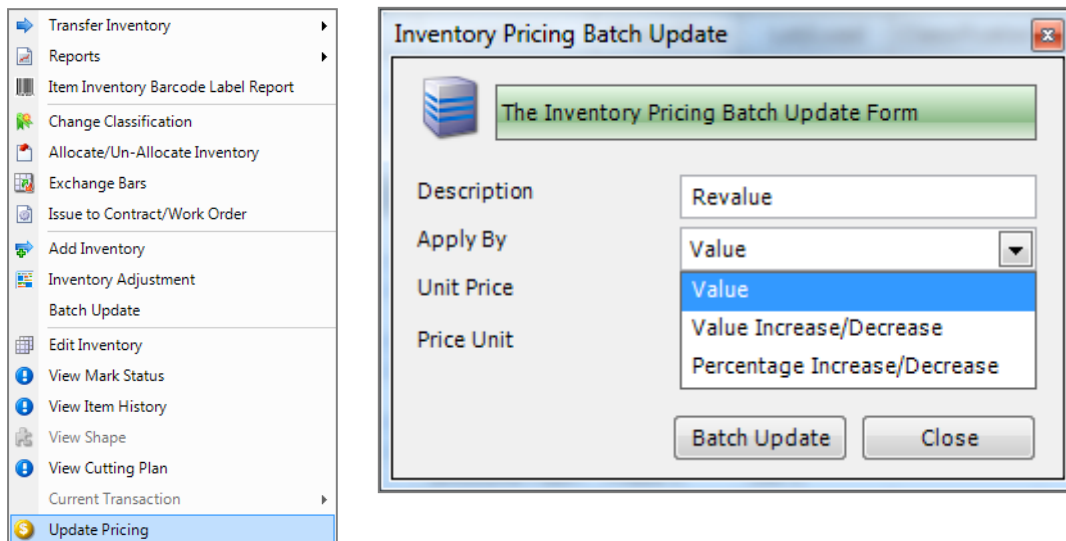


The **Inventory Batch Update** dialog box contains the following fields and options:

- CE Mark:** Text field with value "Yes".
- Cast Reference:** Text field with value "C 6654".
- Country of Origin:** A dropdown menu showing "UK" (highlighted in blue), with a list of options: China, Korea, and UK.
- Only Selected Rows:** A checked checkbox.

## Update Pricing for Inventory

Inventory values can now be updated for Free and Contract allocated material.



The **Inventory Pricing Batch Update** dialog box and the **Update Pricing** menu item are shown.

**Update Pricing Menu:**

- Transfer Inventory
- Reports
- Item Inventory Barcode Label Report
- Change Classification
- Allocate/Un-Allocate Inventory
- Exchange Bars
- Issue to Contract/Work Order
- Add Inventory
- Inventory Adjustment
- Batch Update
- Edit Inventory
- View Mark Status
- View Item History
- View Shape
- View Cutting Plan
- Current Transaction
- Update Pricing** (highlighted)

**Inventory Pricing Batch Update Dialog:**

- Description:** Text field with value "Revalue".
- Apply By:** Dropdown menu with value "Value".
- Unit Price:** Dropdown menu with value "Value".
- Price Unit:** Dropdown menu with value "Value Increase/Decrease".
- Buttons:** "Batch Update" and "Close".

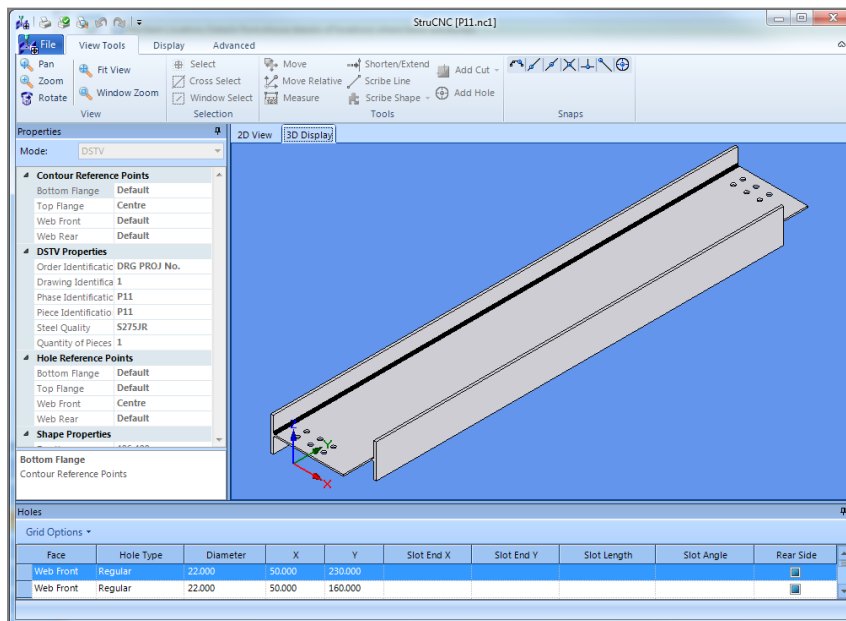
## Individual Item Cost code for Scrap/Waste

You can now specify a separate cost code for waste / scrap.

CostCode	10.01	Weight (t/m <sup>2</sup> )	0.087
Waste/Scrap Cost Code	10.04		

## New CNC (3-D Shape Viewer)

StruCNC has been enhanced with the inclusion of a 3D view.



## Graitec CAD (Advanced Steel & Concrete) Interface

With the .GTCX interface now in BIMReview, BOM and viewing details can now be imported into StruM.I.S.

## Production Console Move / Stop-Start permissions

Console restrictions have now been moved from Production options to role based permissions.

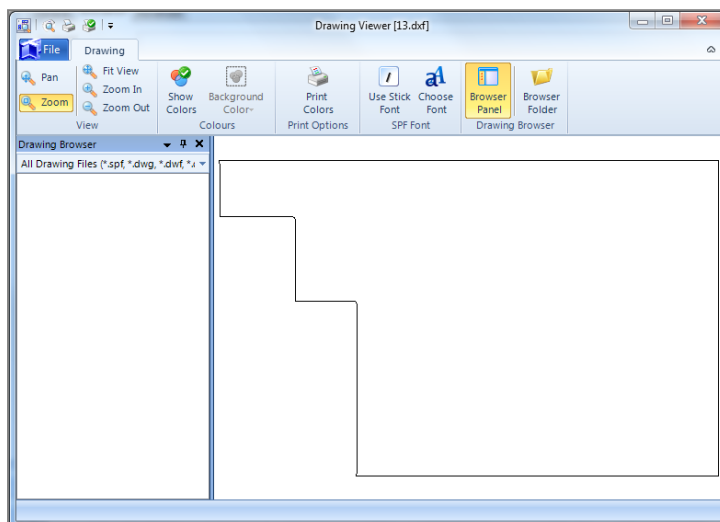
Production Console		Move, Read, Show/Hide Columns
Admin		
Move		
Read		
Show/Hide Columns		
Start/Stop		

## Country of Origin / Is Offcut

The inventory search grid now contains 2 additional columns. Is Offcut and Country of Origin.

CE Mark	CountryOfOrigin	Is Offcut	Currency
		<input type="checkbox"/>	GBP
		<input type="checkbox"/>	GBP
Yes	UK	<input type="checkbox"/>	GBP
Yes	UK	<input type="checkbox"/>	GBP
Yes	UK	<input type="checkbox"/>	GBP
Yes	UK	<input type="checkbox"/>	GBP

## View Shape and Country of Origin Added to Nesting & Ordering Wizard



View Shape	Country Of Origin
<a href="#">&lt;View Shape&gt;</a>	
<a href="#">&lt;View Shape&gt;</a>	
<a href="#">&lt;View Shape&gt;</a>	
<a href="#">&lt;View Shape&gt;</a>	
<a href="#">&lt;View Shape&gt;</a>	
<a href="#">&lt;View Shape&gt;</a>	

## Cast Reference / CE Mark / Country of Origin Added to Item History

Item History									
The Item History form shows the history of the item									
Section	Quantity	Length	Width	Yard Reference	Purchase Order	Receipt	Cast Reference	Country Of Origin	Supplier
S33X210X101UB-S275JR	1.000	15300.000	0.000	Bay 12	PO-00916	REC-00854	C 67644	UK	ASD Metal Services
Transaction Type	Transaction Name	Completed On	Completed By						
Inventory Adjustment	ADJ-00086	26-Nov-2013	Admin						
Inventory Adjustment	ADJ-00087	26-Nov-2013	Admin						

## Edit Inventory – Country of Origin

The screenshot shows the 'Edit Inventory' window for item [533X210X101UB-S275JR]. It contains a 'Details' tab with a message: 'The Edit Inventory form allows you to change details of an inventory entry. Items with Prelim/Detail allocations cannot be changed.' The form includes fields for Item, Section, Code, Size, Grade, Quantity, Length, Width, Weight, Area, Value (GBP), Purchase Order, PO Receipt, Supplier, Delivery Note, Classification, Allocated To, Location, Delivery Date, Yard Reference, Cast Reference, Tracking Number, CE Mark, and Country of Origin. The Country of Origin is currently set to 'UK'.

## Automation of Report Running

Within Automated Tasks a new option has been added to allow Reports to be run automatically with their parameters set.

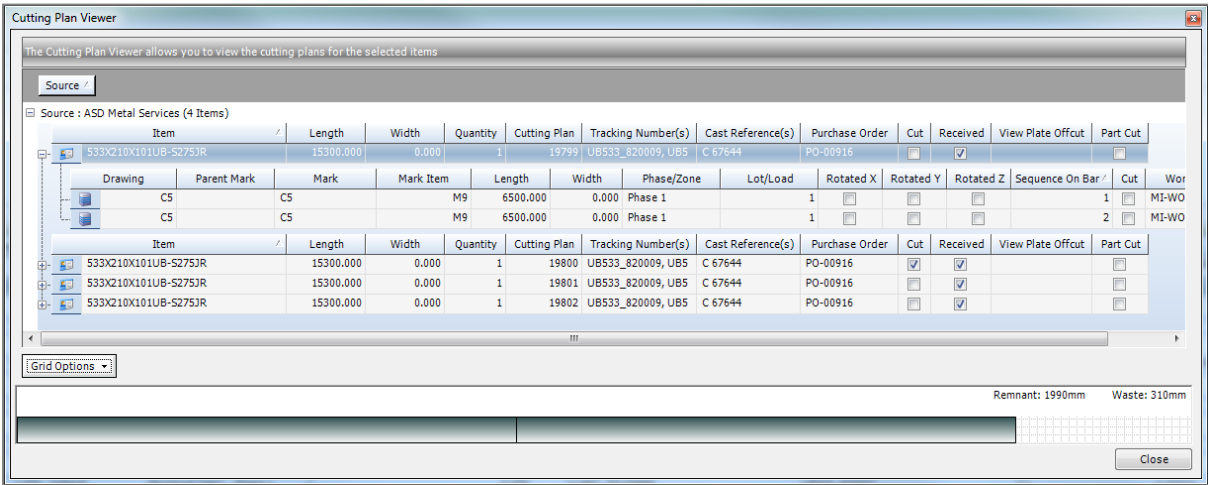
The screenshot shows the 'Automated Tasks' window. Under the 'Action' tab, the 'Run System Report' option is selected. The 'Report' section shows 'Current Inventory Report' selected. The 'Send To' section shows 'PDF File' selected. The 'Output Path' is set to 'C:\Users\s.inman\Desktop'. The 'Excel Template' field is empty. A 'Set Parameters...' button is visible. A 'Report Parameters [Current Inventory]' dialog box is open, showing 'Report Options' with 'Report Template' set to 'Default', 'Contract' set to '<All>', 'Phase / Zone' set to 'Location', 'Output By' set to 'Location', and 'Section Type' set to '<All>'. The dialog has 'OK' and 'Cancel' buttons.

## Fenice Feedback

Machine Feedback functionality has been extended to include feedback from Ficep workstations.

## Cutting Plan – Cast / Tracking Reference fields added to the form

Nesting & Ordering grids now contain a new Purchase order column.

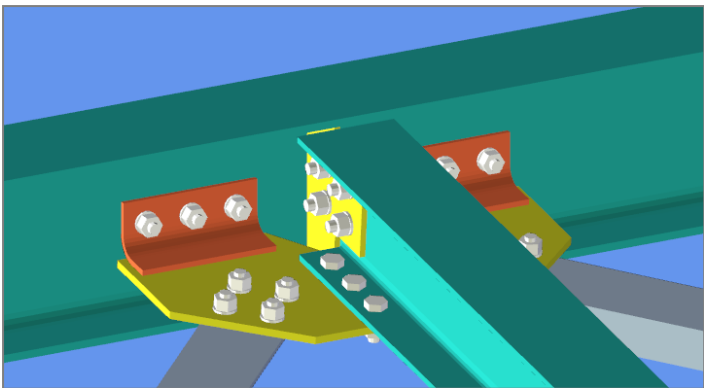


## Romanian, Turkish and Thai Languages Included

Additional translations have been included for Romanian, Turkish and Thai languages.

## Bolts / Welds in Tekla® BIM Review Interface

The option to import Bolts and Welds has been incorporated into the existing Tekla® BIMReview Interface.



## Tracking Mask for Item / Section

Tracking Number - Mask

Item-{{#####}}

## Tracking Suffix Returned Offcuts

Serial tracked items now can have a suffix appended to the original tracking number identifying an offcut. The character will initially default to a '~', but can be changed.

Item Offcut Instance Separator	~
--------------------------------	---

## Item Bar Code Report

1.703 (t)

C-00235


S275JR

UB #:

HT #: C 67644

Length 15300mm

533X210X101UB



UB533\_820010

## Facility Transfer Report

28/11/2013 9:10

Acecad Software Ltd

Facility Transfer Report

From Location Facility: Default

To Location Facility: Main Structure Shop


Date From: 29/10/2013

Date To: 28/11/2013


Report Type: Full

Show Completed Transactions: Yes

Facility Transfer Transaction: <All>



Date	Transaction	Line Description	Qty	Length	Width	Order No	Location	Yard	Supplier	Cast Ref	Weight (t)	Value
<b>From : Default</b>											<b>-5.753</b>	<b>-2,792.08</b>
28-Nov-2013	FT-000006	305X165X40UB-S275JR	-7	18500mm	0mm	PO-00928	Back Yard	C 65	ASD Metal Services	C 764	-5.753	-2,792.08
<b>To : Main Structure Shop</b>											<b>-5.753</b>	<b>-2,792.08</b>
<b>To : Main Structure Shop</b>											<b>5.753</b>	<b>2,792.08</b>
28-Nov-2013	FT-000006	305X165X40UB-S275JR	7	18500mm	0mm	PO-00928	Main Structures		ASD Metal Services	C 764	5.753	2,792.08
<b>From : Default</b>											<b>5.753</b>	<b>2,792.08</b>



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## Additions Report

28/11/2013 9:03

Acecad Software Ltd

### Additions Report



**Facility :** <All>  
**Location :** <All>  
**Date From :** 10/06/2013  
**Date To :** 23/11/2013  
**Additions Supplier :** ASD Metal Services  
**Display Additions :** Yes  
**Print Options :** Full

1

Facility : Default							
Location : Main Yard							
Item	Transaction	Date	Supplier	Currency	Weight	Value Total Addition	Total Value
180X90X26PFC-S275JR	REC-00894	15-10-2013	ASD Metal Services	GBP	156.60	0.00	0.00
AdditionName	Description	Reference	Unit	Supplier	Value Add To Inventory		
Shotblasting	Shotblasting		(T) Tonnes	ASD Metal Services	0.00		
Item	Transaction	Date	Supplier	Currency	Weight	Value Total Addition	Total Value
180X90X26PFC-S275JR	REC-00895	15-10-2013	ASD Metal Services	GBP	156.60	0.00	0.00
AdditionName	Description	Reference	Unit	Supplier	Value Add To Inventory		
Shotblasting	Shotblasting		(T) Tonnes	ASD Metal Services	0.00		



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## Cutting Report with Bar Code

28/11/2013 9:01

Acecad Software Ltd

### Detailed Nesting Full Cutting List Report With Inventory Barcode



**Facility** <All>  
**Project** <All>  
**Contract** C-00242  
**Batch** <All>  
**Select By** <All>  
**Selection** <All>  
**Section Type** <All>  
**Group By Lot** No  
**Page Break** None  
**Workstation** <All>  
**Issued** <All>  
**Show Angle / Hole** No

In Inv.	On Hold	Cuts To Make	AMark	Mark	Mark Item	Drawing	Lot	Phase	RTI	Cut Type	Paint Finish	Cut	Workstation
Section Type PLT - Plate Metric													
15PLT-ST-37													
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 @ 3000mm	X	2000mm	Waste	0.539 (m <sup>2</sup> )	Remnant	0.286 (m <sup>2</sup> )	Batch UB_1	Cutting Plan 19864			
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 668mm	X	200mm	38	PLT2	38	4	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 668mm	X	200mm	39	PLT2	39	4	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 668mm	X	200mm	40	PLT2	40	4	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 668mm	X	200mm	41	PLT2	41	4	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	2 @ 668mm	X	200mm	42	PLT2	42	4	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	4 @ 668mm	X	200mm	43	PLT2	43	4	2	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 668mm	X	200mm	44	PLT2	44	4	3	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 525mm	X	200mm	17	PLT6	17	1	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 600mm	X	250mm	13	PLT7	13	1	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	4 @ 600mm	X	250mm	13	PLT7	13	2	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	4 @ 600mm	X	250mm	14	PLT7	14	2	2	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	4 @ 600mm	X	250mm	14	PLT7	14	3	2	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	8 @ 600mm	X	250mm	15	PLT7	15	3	3	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	2 @ 600mm	X	250mm	16	PLT7	16	1	1	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 @ 3000mm	X	2000mm	Waste	0.357 (m <sup>2</sup> )	Remnant	0.622 (m <sup>2</sup> )	Batch UB_1	Cutting Plan 19865			
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 668mm	X	200mm	45	PLT2	45	4	3	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	1 @ 668mm	X	200mm	46	PLT2	46	4	3	<input type="checkbox"/> Straight Cut	ps1	<input type="checkbox"/>	



\* Alternative section reviewed  
 Validated Bar

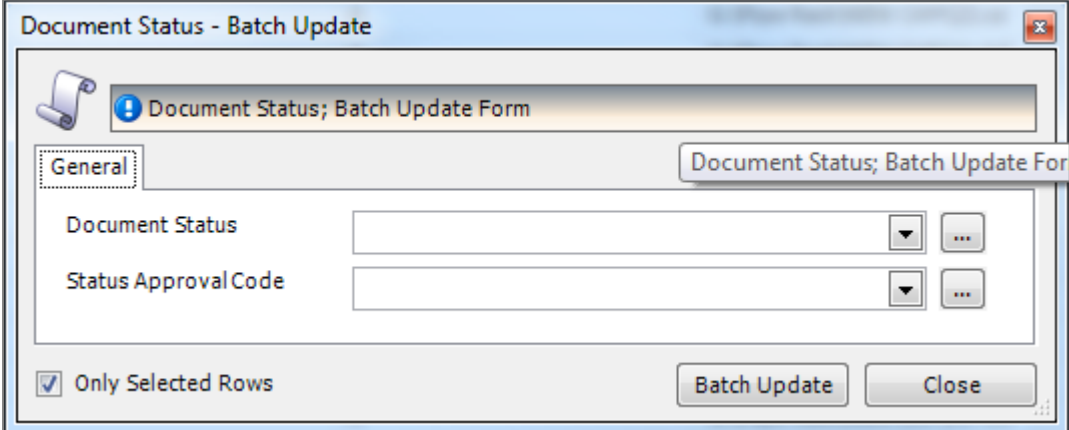
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## Transmittal - Document Response Batch Update

Document status can be updated from the Transmittal Document tab.



The screenshot shows a Windows-style dialog box titled "Document Status - Batch Update". Inside the dialog, there is a tab labeled "General" with a document icon. Below the tab, there are two input fields: "Document Status" and "Status Approval Code". Each field has a dropdown arrow and a button with three dots. At the bottom left, there is a checked checkbox labeled "Only Selected Rows". At the bottom right, there are two buttons: "Batch Update" and "Close".

## User Parameters Passed with Sigma Nest Functionality i.e. Language

## Release Notes

### *Cad Interfaces*

A new Prelim Cad Interface has been created ('Estimate to Prelim Listing csv') allowing you to import an Estimate & use the unique Estimate Item Listing ID to create the Prelim Mark.

Estimate items of the same Section / Length would then not automatically receive the same Prelim mark - 9235

Detailed Cad Interface Cross References were always persisting even when this option was Unchecked on the Import Wizard Finish screen. – 9400 (F0058194)

### *Contracts Management*

In Detail Listing or BIMReview an error message displayed when using View Drawing or View Cam using StruCNC to view an SDS/2 File (when the files were stored in Document Management). – 9474 (F0058297)

For consistency with the Contract Dates form & the View Lots grid, the following column headers have been renamed on the Contract Phases/Zones form: - 9778

Erection Date has been renamed to 'On Site Date'

Completion Date has been renamed to 'End Date'

### *Document Management*

You are now able to set the Document Revision Code during a Document Import without it reverting back to using the Document Options on Validating. – 9563 (F0058282)

On the Document Transmittal, Documents form a new button 'Update Document Status' has been added. This allows the user to quickly select multiple documents & update the Document Status and/or the Status Approval Code for those documents.

Any changes made will automatically update the individual Documents. – 9437 (F0058286)

### *Enquiries & Estimating*

On both the Enquiry Details and the Contract Details form a 'lookup' button (binoculars icon) has been added next to the Customer dropdown.

Where the database contains many Customers this allows the user to quickly select the required entry. This grid can also be filtered. - 9163

Estimating - when changing the order of Extras within an Extra Group they will now always Save in the order they are arranged (rather than reverting back to the original order). – 9586 (F0058321)

The Estimating tabs (e.g. Details, Take Off, Data) were shifted up and hiding when StruMIS was minimised and then restored. – 10431 (F0059560)

## Installer

A Maintenance Agreement has been added to the Licence Agreement form - 10899

## Items & Inventory

The Inventory Search grid now contains a new column 'Is Offcut' - this contains a checkbox that is automatically ticked when a Production Cutting produces an Offcut piece. – 7263 (F0053423)

When a Mark item is cut from an Inventory bar (with a CE Mark), the CE Mark now remains on the Mark Item. – 7386 (F0053771)

The Item Search grid now shows the correct Surface Area for Non Linear items when running in Imperial – 7984 (F0055582)

A bug has been fixed whereby Inventory transactions for non material related changes (e.g. Location changes, Allocation changes) led to the material value being recalculated rather than keeping the existing value.

This led to wrong values in Inventory, particularly with shaped plate offcuts. – 8787 (F0057483)

Tracking Number and Cast References have been added as Text Aggregate columns to the bar level of the View Cutting Plan form. – 9435 (F0058283)

On the Item, Details form a new field has been added 'Waste/Scrap Cost Code.' This allows you to have a different Cost Code for the Waste/Scrap to the item's Cost Code. Initially it will default to the same as the item Cost Code, but can be changed manually or changed for a range of items by using the Item Batch Update. – 9436 (F0058284)

Inventory Transactions - when Un-Nesting & using the option of Saving all cut material in one complete length, rather than updating existing Transaction lines new 'Item Transaction Type' lines will be created. - 9928

A Batch Update has been added to the Actions button on the Inventory Search Grid. This allows the user to Batch Update CE Mark, Cast Reference & Country of Origin for a range of items. – 10068

Cast Reference, CE Mark & Country of Origin are now all available to view on the (Items & Inventory) 'Item History' form. – 10069

When using Inventory Adjustment you will no longer be able to increase the quantity of a Serial Tracked item. - 10523

The (New) Items & Inventory option of 'Item Offcut Instance Separator' now has a default character of ~

This can be changed but cannot be greater than one character. - 10822

Enhancement for Serial Tracked items in that the Tracking Number Mask can now include the items Section Type/Item Name/Section Size/Grade & Date received  
e.g. Tracking Number Mask for 100x10FLAT-S275JR set to %item%/{####} will produce Tracking Numbers of 100X10FLAT-S355JR/001. - 11165

## Nesting / Un-Nesting

Un-nesting no longer removes the Contract Allocation from material on a Released Purchase Order if the material had a Contract Allocation prior to Nesting. – 6961 (F0052558)
Manually added Mitres on a Detail Listing are now reflected in the graphical image when you use the options of View Cutting Plan or Nesting & Ordering (Un-Nest). Previously these options produced images with the items shown as straight cut. - 7763
A bug has been fixed that led to the incorrect quantity of Allocated Inventory bars being displayed on the Available Lengths screen of the Nesting Wizard. – 7764 (F0054536)
When nesting to Contract Allocated, Released Purchase Orders the whole line quantity was given the Contract Mark Allocation even when all of the quantity had not been required. Purchase Order lines now split into two, one with the Contract Mark Allocation & the balance with the Contract only Allocation. – 8166 (F0056168)
On the Lengths / Quantities Available grid of the Nesting Wizard a new column 'View Shape' has been added. For all shaped Inventory Plate the column contains a '<View Shape>' link, click on the link and the Drawing Viewer opens to show the shape of the Plate, giving the user the ability to view the shape prior to Nesting. – 8529 (F0057339)
Exchange Rate & Exchange Rate Date columns have been added to the Lengths / Quantities Available screen on the Nesting Wizards. - 10217
Fixed a bug regarding Welded Bars that occurred when the Welded bars were created at Prelim stage & then nested to at Detail stage. This led to a doubled up quantity on the Production Cutting document, with the Welded bar not being removed from Inventory after 'cutting' - 10835
A new column, Purchase Order, has been added to the Nesting & Ordering grids. - 11195

## Production

When generating Mark Item Work Orders, the Location of the Process / Workstation now displays correctly (previously it displayed the default Location of the Process). – 7584 (F0054232)
The Employee Timesheet Search grid will only show lines for open Contracts when the 'Only Show Open Contracts' checkbox is ticked. – 8004 (F0055662)
On the Lotting grids (Lotted / Released) & on the Generate Contract Work Order grids (Marks Not issued / Marks Issued) the 'No Mark Items Per Mark' now shows the actual quantity of mark items on the mark as opposed to the number of different mark items. – 8006 (F0055635)
A bug has been fixed when sending CAM using the Fenice post processor if the file contained Countersunk holes. – 8585 (F0057087)
<ul style="list-style-type: none"><li>- Production Console option of preventing a User from Moving in Production Console (by removing the Move button) is now a Role Action, rather than a Production Option.</li><li>- For Production Console, another Role Action has been added preventing the User from using Start/Stop functionality (this will also remove the Start/Stop buttons)</li><li>- Production Control now has a Role Action to prevent a user being able to Move items. -</li></ul>

10598

Additional fields for Saw Rotation Scrap / Cut / Surplus have been added to the Workstation, Output File Options with Fenice + Settings. – 11173 (F0060141)

### *Production Control*

You are now able to override the Production option of 'Delete History when moving backwards in Production Control' via selection options added to the Production Move form (when moving items backwards). - 7096

Some Display issues with the Production Control Tree have now been Fixed. – 7756 (F0054658)

Setting Production Control Max Rows caused 'conversion from "10000.000" to Integer is not valid' error when opening Production Control on French OS systems. – 11136 (F0060303)

### *Purchasing & Suppliers*

Purchase Order Allocation column now displays both the Mark AND Mark Item Name. – 7231 (F0053311)

### *Reports*

The Item Barcode Label report has been optimised to improve speed. – 6956 (F0052157)

A new Item & Inventory Report has been created, the 'Items Received into Inventory By Location Type' Report.  
This reports on items that have been received (via Purchase Order Receipts) into selected Location Types (i.e. Storage, Workshop, Subcontractor or Erection Site). – 9425 (F0058185)

The Production, 'Mark / Mark Item Quantity by Process' report has now been replaced by the 'Completed items by process' report.  
This new report shows both the Quantity & Weight of Mark Items / Marks that have completed each Production Process. – 9891

Report Templates can now be created for individual Facilities.  
Create the Report Template & on the Facility form, Options tab set which Report Template to use.  
An option has been added to the System Reports, Action button to Clear Report Templates. – 9960

CE Mark field is now available to add to the Purchasing & Suppliers, Confirmation of Receipts Report. – 10597

Custom Fields are now available to add to the Purchasing & Suppliers, Confirmation of Receipts Report. - 10713

The Item Inventory Barcode Label Report is now available to print via the right click / Actions button of the Inventory Search grid. - 10797

Initial Unit Price & Initial Value are now available to add to the Confirmation of Receipts Report. - 10830

Location Custom Fields are now available to add to the Current Inventory Report. - 11134

Shipping Agent Suppliers will now appear in the Supplier dropdown when running either the Purchase Invoice Report or the Purchase Invoice and Order Reconciliation Report. - 11144

The Item Inventory Barcode Label Report now displays in Imperial. – 11180 (DBC95923AA)

Yard Reference is now available to add to the Production, Detailed Nesting Full Cutting List Report By Cutting Plan. - 11181

The Contracts Management, Preliminary Listing Report can now be run with the option to show Not Covered items including or excluding any 'On Hold' items. – 11182 (F0060660)

You can now specify the default Item Inventory Barcode Label Report in Items & Inventory options, this report will then be used when the Report is run from the Items & Inventory Search grid. - 11188

### *Sales & Customers*

Sales Invoice values now convert from the Customer to the Facility currency, rather than the Customer to the System Facility. - 10534

### *System*

A new permissions action has been added to the Role Details form, the permission of 'Show/Hide Columns'

The Show/Hide column option (along with the Reset Grid Layout) will be disabled on the appropriate Grid if the User has not been given this permission. - 9298

Fixed a bug when creating a new Transaction Interface (including Save As New) which led to an error message. – 9576 (F0058370)

The Production Option of Default location for offcuts has now been moved to the System -> Setup -> Facility, Options form

When multiple Facilities are created this allows the user to have a different default Offcut Location for each Facility. - 9874

The Items & Inventory Option of Default Location has now been moved to the System -> Setup -> Facility, Options form

When multiple Facilities are created this allows the user to have a different Location default for each Facility. - 10909

The Production Option of Default Assembly Location has now been moved to the System -> Setup -> Facility, Options form

When multiple Facilities are created this allows the user to have a different default Assembly Location for each Facility. - 10915

A bug has been Fixed when importing a Supplier XML. If the XML contained a Supplier with a name greater than 50 characters then the Addresses weren't being imported. - 11120

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