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### Upgrading from older versions

When upgrading please also refer to below documents for changes since your current version:

If your current version is	What's New	Release Notes
Windowmaker 2021 (v9.x)	<a href="https://windowmaker.com/en/pdf/windowmaker-2021-r9.x-release-document.pdf">https://windowmaker.com/en/pdf/windowmaker-2021-r9.x-release-document.pdf</a>	
Windowmaker 2020 (v8.x)	<a href="https://windowmaker.com/en/pdf/windowmaker-2020-r8.x-release-document.pdf">https://windowmaker.com/en/pdf/windowmaker-2020-r8.x-release-document.pdf</a>	
Windowmaker 2018 (v7.x)	<a href="http://www.windowmaker.com/EN/PDF/Windowmaker%202018%20(v7.x)%20What's%20New.pdf">www.windowmaker.com/EN/PDF/Windowmaker%202018%20(v7.x)%20What's%20New.pdf</a>	<a href="http://www.windowmaker.com/EN/PDF/Windowmaker%202018%20(v7.x)%20Release%20Notes.pdf">www.windowmaker.com/EN/PDF/Windowmaker%202018%20(v7.x)%20Release%20Notes.pdf</a>
Windowmaker 2012 (v6.x)	<a href="http://www.windowmaker.com/EN/PDF/Windowmaker%202012%20(v6.x)%20What's%20New.pdf">www.windowmaker.com/EN/PDF/Windowmaker%202012%20(v6.x)%20What's%20New.pdf</a>	<a href="http://www.windowmaker.com/EN/PDF/Windowmaker%202012%20(v6.x)%20Release%20Notes.pdf">www.windowmaker.com/EN/PDF/Windowmaker%202012%20(v6.x)%20Release%20Notes.pdf</a>

## Windowmaker 2021 R1.2

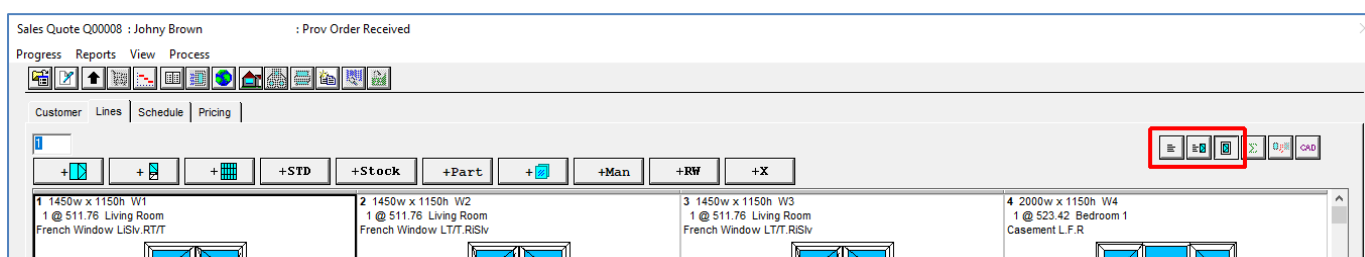
### What's New

This section lists important features/updates introduced in this release.

### General Enhancements

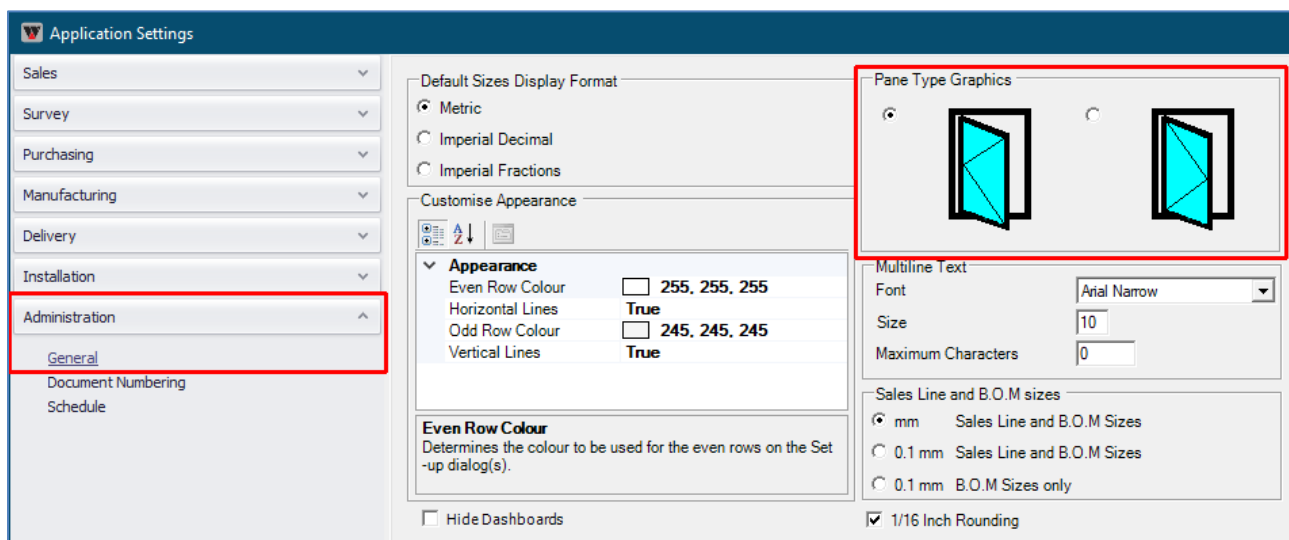
#### Order Entry – Lines (Windowmaker 2021 R1.2 SP2)

When opening or creating a quote/order, the Lines page now defaults to the view selected in 'Preferences → Input: Default Sales Line View'. The last used view is only remembered for the already opened quote/order. Earlier, it defaulted to the last used view throughout the Windowmaker session.



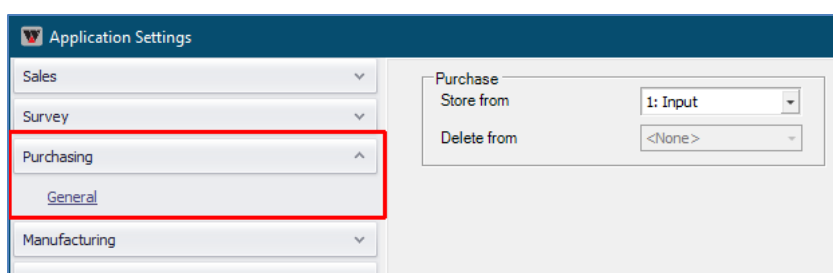
#### Application Settings - Administration

Preferences → Country: Pane Type Graphics settings are now moved to Application Settings → Administration: General. 'Allow Imperial Toggle' is now allowed by default and is no longer a setting.



#### Application Settings - Purchasing

Preferences → Output: Purchases settings are now moved to Application Settings → Purchasing: General.



### Issues Fixed

#### Windowmaker 2021 R1.2 SP2

##### **Sales - Costing Pricing - Customer Special Terms - 12231**

Problem with incorrect application of default System based discount from Customer Special terms when wild cards were used in System code on the Special Term has been resolved.

##### **Sales - Sales Line Configuration - Curtain Wall- 12290**

The collation of Reel parts was not correct for Curtainwall Sales Lines. This is now fixed.

##### **Manufacturing - Process 12891**

The problem with program hanging during Optimization in very special situations is resolved.

##### **Manufacturing - Link to Stock – 12302, 10083**

Link to Stock crashing for users with no Scheduling Options is now fixed.

When there is a mixture of optimised and non-optimised components for the same part, the STK file did not output the correct information. This is now rectified.

Additionally, when Stock Control Option is not present, adding Bar type Stock records converts non-optimised length into approximate number of bars. The Bar Length specified on the Stock record is used for this.

#### Windowmaker 2021 R1.2 SP1

##### **Sales - Sales Header- Special Terms - 11983**

Problem with Mark-up not getting applied correctly on Special Terms dialog is now resolved.

##### **Sales - Sales Header Notebook 11863**

While making a new Order, customer reference was not showing after updating the Header/Footer from Documents page. This is now corrected.

##### **Products - Price Matrices**

'Modify by %' was not working on Price matrices. This is now fixed.

##### **Manufacturing - Link to Stock - 12000**

Link to Stock did not output correct consumed area for Area parts in the STK file. This is now fixed.

##### **Deliveries - Process - 12048**

The Delivery Notes printed while "Processing" a Delivery crashed if any Delivery Extras were included in the delivery, and the Delivery Notes was setup to be printed crate-wise. This is now corrected.

##### **Windowseller - 11916**

Problems with logging into Un-dongled Windowseller and creation of new database at specific levels is now fixed.

#### Windowmaker 2021 R1.2

##### **Optimisation - '+ Part' Lines - 10404**

Optimisation was not handling '+ Part' Lines with full bar lengths correctly. Standard wastage was getting applied resulting in usage of more than one bar. This is now rectified.

##### **Sales - Sales line - Drawing 10672**

Problem with Z-shaped Frame Profiles with ' | ' end cuts were displayed incorrectly in Sales Line graphics is now corrected.

##### **Sales - Sales line - Calculation - 11168**

When a profile is calculated using a composite profile setup, and its length tends to be small, it sometimes does not get calculated for arched shaped Sales Lines. This is now corrected.

**Administration - Import database - 11178**

Problem with malfunctioning of composite profiles after Importing updates is now fixed.

**Administration - Data Conversion - 11250**

Some problems faced during upgrade from WM2020 → WM2021 is now fixed.

### Windowmaker 2021 R1.1

#### What's New

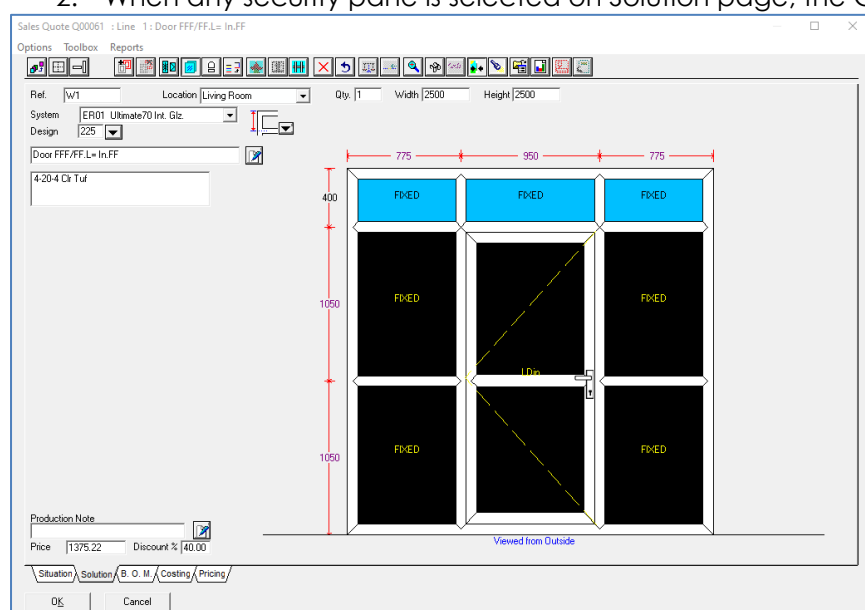
This section lists important features/updates introduced in this release.

#### General Enhancements

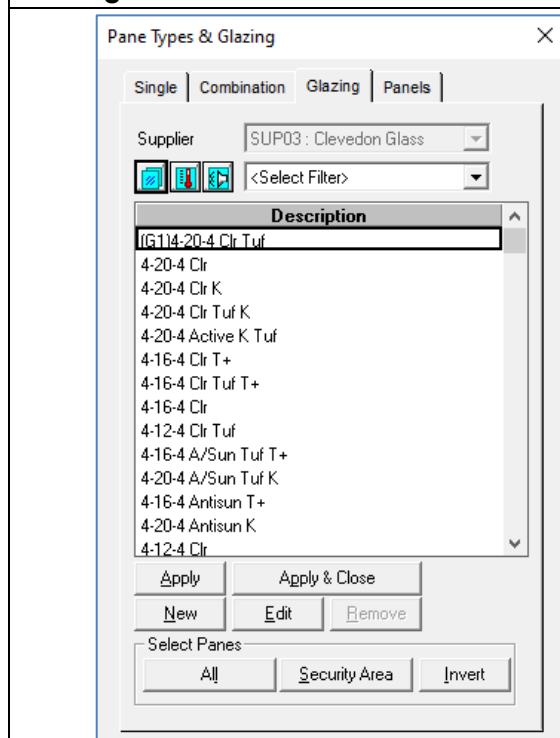
##### Glazing

A new Application Setting 'Enforce security glazing in Security Area' is now available. When this is set, security glazing (Toughened/Laminated Glass) must be applied to all panes falling in the Security Area. To ensure this:

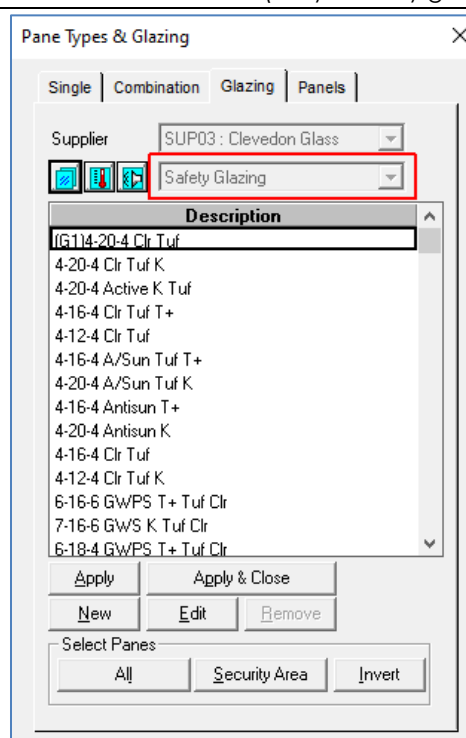
1. When the first Sales Line with Security Area applicable is created, first valid safety glazing is automatically applied.
2. When any security pane is selected on Solution page, the Glazing dialog only shows security glass.



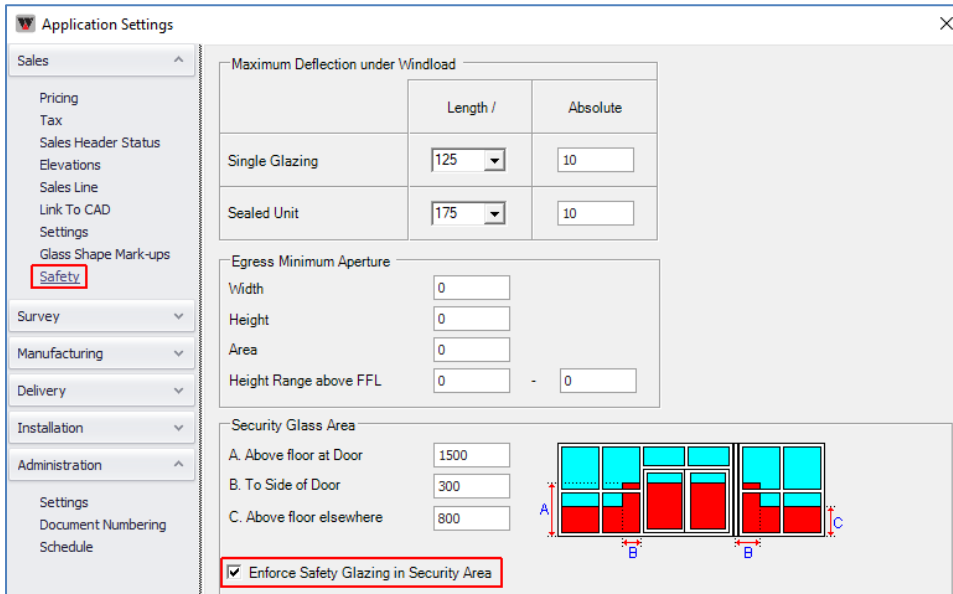
#### Glazing List without Enforcement



#### Glazing List with Enforcement (Only security glazing is listed)



Preferences → Safety is now moved to Application Settings → Sales: Safety



The screenshot shows the 'Application Settings' dialog box with the 'Sales' tab selected. The 'Safety' section is highlighted in the left sidebar. The main area contains the following settings:

	Length /	Absolute
Single Glazing	125	10
Sealed Unit	175	10

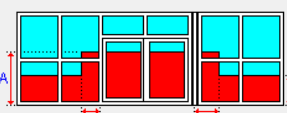
**Egress Minimum Aperture**

Width	0
Height	0
Area	0
Height Range above FFL	0 - 0

**Security Glass Area**

A. Above floor at Door	1500
B. To Side of Door	300
C. Above floor elsewhere	800

☒ Enforce Safety Glazing in Security Area



## Enhancement to Options

### Arched Shapes

The program now does not calculate reinforcement for arched profiles.

## Issues Fixed

### Windowmaker 2021 R1.1 SP1

#### Sales - Sales line - Calculation - 10763

The program crashed if a shape condition was tested in a rule belonging to the "Flyscreen" type sub-routine. This is now corrected.

#### Sales - Sales line - Option - 10692

Once an answer of an Option is disallowed after creating or opening a sales line, it remained disallowed despite any change to the Sales Line and hence sometimes resulted in an error. This is now fixed.

#### Sales - Sales line - Safety Glazing - 10606

Sometimes error was not thrown for unsafe glazing even when a Door Pane Type was applied in a Sales Line and the "Enforce Safety Glazing" checkbox was checked in Settings. This is now corrected.

#### Sales - WRP Documents - 10849

Incorrect output for Page No. and "Ordered" fields is now fixed.

#### Manufacturing - Tracking - 10955, 10976

Problem with login to a station is now resolved. Also, issue with validating the arrival of sashes at a Station with Special handling = Frame Assembly is now resolved.

#### Manufacturing - Process - Cutting List - 10902

Both "Cutting List" and "Load List" reports did not get generated while "Processing" a Batch even if both were selected as required outputs on the Station. This is now resolved, and the selected reports are output correctly.

#### ECatalog - Part - Cost Matrix - 10866

Problem with updating any Cost Matrix which is indexed with any Option of "Optional" type is now resolved. Costs now get saved successfully.

### Windowmaker 2021 R1.1

#### **Remake Order - Status - 9031**

When a Remake Order is made from a Completed Order, the default status is now Survey Completed. Earlier the program used to set the status as Ordered.

#### **WMLite - 9276**

Login issues faced by users having certain options are now resolved.

#### **Setup - Users - 8839**

Problem with selected manager not being visible on certain type of "Client" users is now resolved.

#### **Setup - Parts - 3248**

Problem with 'Type' not listing correct choices or not saving them is now corrected.

#### **Tools - Move Options - 1872**

Move Option functionality now works for Excel based systems.



### Windowmaker 2021 R1

#### What's New

This section lists important features/updates introduced in this release.

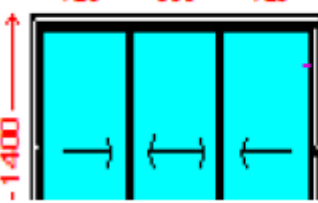
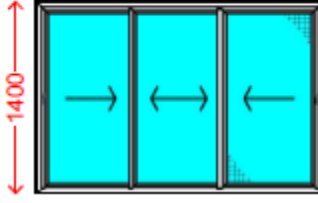
#### General Enhancements

##### Reports – Preview, Export, Email

We now use the Microsoft Print to PDF printer at all places where Crystal Report's default PDF generator was used. These are:

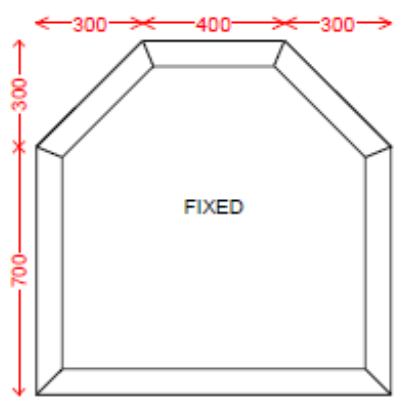
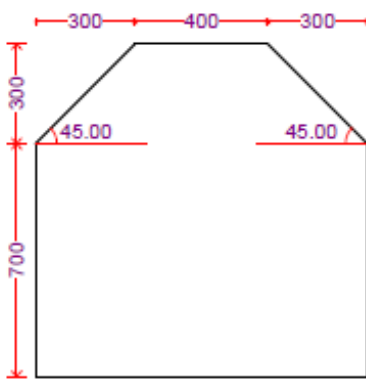
1. Preview
2. Email as PDF attachment
3. Export as PDF
4. Save copy to History

In certain situations, the sales line graphics were getting distorted when using Crystal Report's PDF generator.

Before Upgrade	After Upgrade
<p>0003 1 2100w x 1400h 3T XIXIX_ Slider System 6mm Toughened</p> 	<p>0003 1 2100w x 1400h 3T XIXIX_ Slider System 6mm Toughened</p> 

##### Reports – Shape Outline Graphics

It is now possible to include Shape Outline Graphics, as seen on Situation page, in reports if required. For this use the WMSalesLinePlan1 UDF.

Shape Elevation Graphics	Shape Outline Graphics
 <p>Viewed from Outside</p>	


### Reports – Delivery Notes

The Delivery Notes report now has a choice to exclude graphics. This allows to get a compact report, thereby helping to save paper.

The report now also:

1. Allows to optionally include System and Glazing information
2. Allows to select Viewed from side for the graphics
3. Includes a section to write notes

**Super Quality Windows**  
17 Brighton Road,  
Surrey,  
KT6 5LR, UK



### Delivery Notes




Deliver to					
<b>Salina Taylor</b> 3 Queens Walk, Reading, RG1 7QF UK Tel. 8754 123456 Email Jam					
Order No.	Delivery Date	Sales Person			
J00012	01-06-2027	Aron   +44 (0) 20 8390 2355 sales@sqwindows.com			
Line	Details				Qty
0001	W1 Hall	French Window	1450w x 1200h	4-20-4 Clr	1
		LiSlv.RT/T			
0002	W2 Hall	French Window	1450w x 1200h	4-20-4 Clr	1
		LiSlv.RT/T			
0003	W3 Hall	French Window	1450w x 1200h	4-20-4 Clr	1
		LiSlv.RT/T			
0004	W4 Bedroom 1	Casement L.T/F.R	2000w x 1200h	4-20-4 Clr	1
0005	W5 Bedroom 1	Casement L.T/F.R	2000w x 1200h	4-20-4 Clr	1
0006	W6 Bedroom 2	Casement L.T/F.R	2000w x 1200h	4-20-4 Clr	1
0007	W7 Bedroom 2	Casement L.T/F.R	2000w x 1200h	4-20-4 Clr	1
0008	W8 Kitchen	Cmn't.Fix	1400w x 1200h	(G1)4-20-4 Clr (G2)Ex-Fan In Frame	1
0009	D1 Hall	French Door L.RDoSlv	1900w x 2150h	4-20-4 Clr Tuf K	1
0010	D2 Bedroom 1	Door F/L= In	950w x 2450h	4-20-4 Clr Tuf K	1
0011	D3 Bedroom 2	Door F/L= In	950w x 2450h	4-20-4 Clr Tuf K	1
<b>Total</b>					<b>11</b>

Extras				
Description	Stock No.	Qty	Size	Units
CockspurHandle LK L	HNDL1-LH-WH	8		pcs
CockspurHandle LK R	HNDL1-RH-WH	5		pcs
DoorHandle w Key	HNDL1-WH	3		pcs
DoorHandle w/o Key	HNDL2-WH	1		pcs
Handle w Key	L Hndl-WH	3		pcs

**Note**

**Customer**

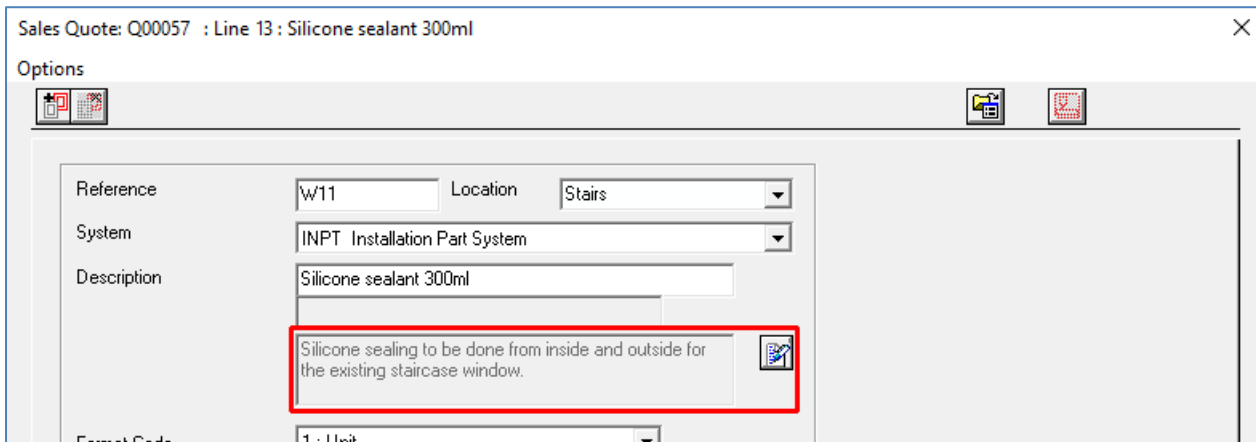
Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

1

### Multiline Text

A preview of Multiline Description is now available for +Manual Lines.



An Application Setting is now available to specify a maximum limit for Multiline Text.

1. The default value is zero, which means there is no limit. It is generally useful if such information is to be transferred to any third-party software which can only handle limited text.
2. The limit is applicable for all such multiline text fields in Sales Line e.g. Description, Production Note, Installation Note and in Sales Header e.g. document Header/Footer etc.
3. All visible and invisible characters are counted while checking the limit, including tab, space, bullet, Enter etc.
4. Font settings is now moved from Preference → Input to Application Settings → Administration: Settings

### Enhancement to Options

#### Production Scheduling

Orders can now be scheduled in a production batch ignoring capacity requirement.

This is especially useful to schedule orders having only non-design lines, process it and run reports or link to other software. The Application Setting 'Ignore Capacity Requirement of Remakes for Production Scheduling' is no longer needed and is removed.

### Enhancement to Products

#### Windowmaker SQL

Windowmaker now allows to delete BOM from any status higher than 'Store from' status. Earlier 'Delete from' status had to be  $\geq$  In Production. Reports requiring BOM records will continue to work as earlier, using dummy BOM.

### Issues Fixed

#### Administration – Invoice Numbering - 5167

If Invoice numbers were rolled back to a previous number, the next number calculation generated duplicate numbers, already used. This is now corrected to jump all existing numbers and generate the next unused number.

#### Manufacturing – Change Schedule - 4572

The problem with user being unable to 'Move' batch contents across sites due to incorrect or unnecessary stock checks is now resolved.

### **Order Entry – Special Terms – 8932**

The problem with Special Terms for restricting Systems not working correctly when processing batch with a mix of different disallowed systems, resulting in error while processing the batch, is now rectified.

### **Setup – Matrices – 5669**

The problem with answers of 'Unit' and 'Profile' type Options not displayed in Part and Cost Matrix indices is now corrected.

### **Setup – Parts – 1881**

The Products list view now displays the text in Short and Long description fields correctly.

### **Setup – Saw Stations – 5219**

The problem with very old data having 'Generic saw' type stations showing machine type as <None> is now resolved.

### **Manufacturing – Sub-batching - 8282**

The problem with composite profiles consuming more slots than they require is now fixed.

### **Manufacturing – Process – 8460**

The problem with reinforcement details missing for right and bottom sides of glass level pieces in Station Transaction is now corrected. This had resulted in incorrect Cutting List/ Labels / Machine link outputs.

### **Manufacturing- Link to Stock – 6557**

Forced Upper casing of Stock Nos. when output in the STK file is now removed, especially relevant for users who use the 'Link to Stock' facility without any Stock records created.

## Windowmaker 2021

### What's New

This section lists important features/updates introduced in this release.

### General Enhancements

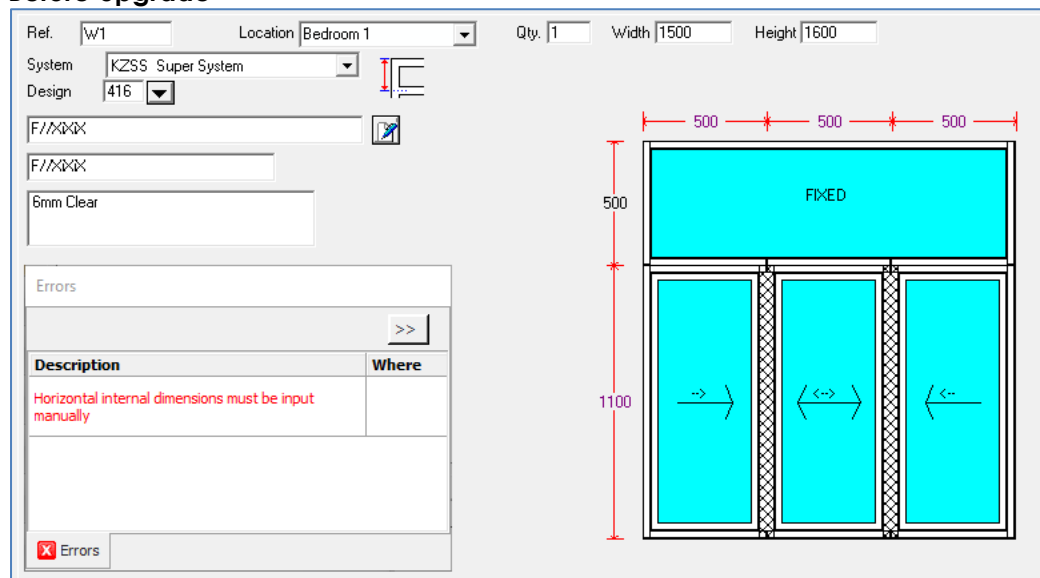
#### Windowmaker 2021

The past year has been tough and challenging due to the pandemic. To erase the bad memories of 2020 and to ring in a better, healthier, and prosperous New Year, we have named this version Windowmaker 2021.

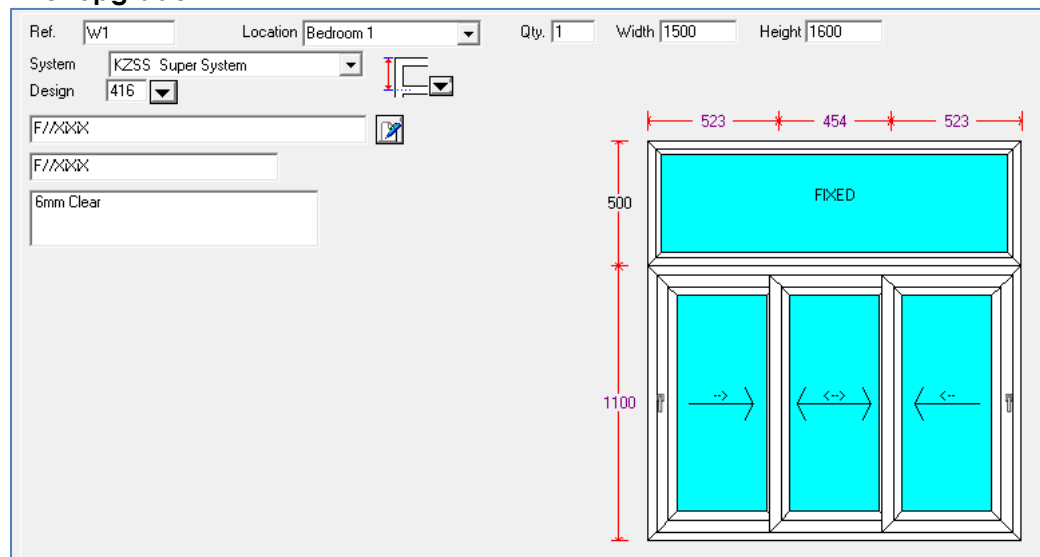
#### Order Entry – Dimensions

It is now possible to create designs where top/bottom frames span the entire width and are single panes, with equal internal/glass/rebate dimensions according to the main frame. Earlier, creating such designs resulted in an error. It was required to edit the horizontal dimensions manually to get the desired result.

#### Before Upgrade



#### After Upgrade



### Crystal Reports – Glazing List

The Glass Order report can now be generated as a simple Glazing List instead of like a Purchase Order. For this, select 'Suppress Purchase Details' in report Settings.

Super Quality Windows		Glazing List		01-06-2027	
Batch 1/ J00043 03-06-2027					
Order/ Sales Line	Position	Shape	Area Size	Qty	Amount
4-16-4 Clr Tuf					
J00043/ 0004	<----->/G.B1/2		1.675 887w x 1888h	1	26.79
J00043/ 0004	X--> /G.A1/1		1.503 796w x 1888h	1	24.05
J00043/ 0004	<--X /G.C1/3		1.501 795w x 1888h	1	24.02
J00043/ 0005	<--X /G.B1/2		1.471 779w x 1888h	1	23.53
J00043/ 0005	X--> /G.A1/1		1.471 779w x 1888h	1	23.53
			7.621	5	121.92
4-20-4 Clr					
J00043/ 0003	FIXED /G.B2/4		0.534 770w x 693h	1	8.00
J00043/ 0003	Top.@ /G.B1/2		0.168 676w x 249h	1	2.52
J00043/ 0002	FIXED /G.B1/2		0.679 637w x 1066h	1	10.19
J00043/ 0001	FIXED /G.B1/2		0.679 637w x 1066h	1	10.19
J00043/ 0002	Right /G.C1/3		0.502 516w x 972h	1	7.52
J00043/ 0001	Right /G.C1/3		0.502 516w x 972h	1	7.52
J00043/ 0002	Left /G.A1/1		0.501 515w x 972h	1	7.51
J00043/ 0001	Left /G.A1/1		0.501 515w x 972h	1	7.51
J00043/ 0003	Right /G.C1/3		0.436 449w x 972h	1	6.55
J00043/ 0003	Left /G.A1/1		0.436 449w x 972h	1	6.55
			4.938	10	74.06
			Total	195.98	

### Enhancement to Options

#### Customer Special Terms

It is now possible to disallow Products for specified Order Type and customer(s). This is useful e.g. to limit choices available to Dealers. The Products can be:

1. System
2. Option Answers
3. Glazing
4. Parts

**Customer Special Term**

If Customer Account: KR001 Order Type: 2: Trade

Product Type: System

System: ☒ ENTD: Entrance Doors

Then ☐ Discount %: 0.0 % ☒ Not Applicable

OK Cancel

**Customer Special Term**

If Customer Account: KR001 Order Type: 2: Trade

Product Type: Option-Answer

Option: 75: Door Jamb O/F

Answer: 1: 105.0930.XX

Then ☐ Discount %: 0.0 % ☒ Not Applicable

OK Cancel

**Customer Special Term**

If Customer Account: KR001 Order Type: 2: Trade

Product Type: Glazing

Glazing: 33: 4-12-4 Clr

Then ☐ Price: 0.0 £ ☒ Not Applicable

OK Cancel

**Customer Special Term**

If Customer Account: KR001 Order Type: 2: Trade

Product Type: Part

Module: Profile System Data 3

Part: 101: 203.0116.XX\* 68mm Outer F

Then ☐ Price: 0.0 £ ☒ Not Applicable

OK Cancel

### Breaking Changes

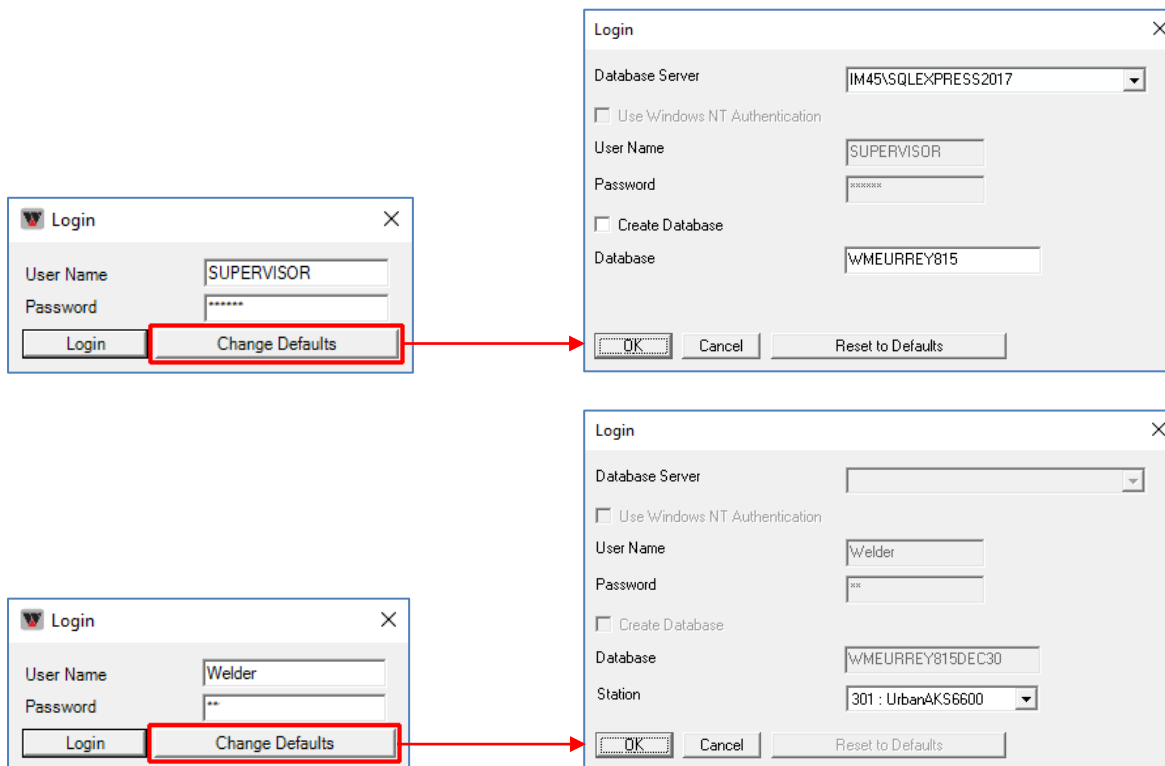
This section lists important behaviour changes, which are introduced in this version. These must be read in order to understand how they might affect your installation & upgrade process.

### General

#### Windowmaker Login

Windowmaker now has a simplified Login dialog.  
Use Change Defaults to:

1. Create a new database or change to another one,
  2. Switch between Work Online and Work Offline OR
  3. Change the default Tracking login station,
- as the case maybe.



#### Database Schema Changes

Changes specific to each table are as listed below:

Table	Column	Change
WMGlobalData	ID	Removed auto identity
	LastModifiedOn	Added
WMCustomerSpecialTerm	ProductNo	Removed 'NOT NULL' constraint
	ProductFilterID	1) Changed type from 'int' to 'uniqueidentifier' 2) Added foreign key constraint referencing to WMProduct.ProductGUID

### Issues Fixed

#### **Sales | Reports - 3690**

Problems related to empty PDFs being stored in history when "Save a copy " is selected for the report that has no records to print, is now resolved.

#### **Sales | Sales Line | Calculation - 4737**

When a Sales Line is applied with a 'Panel (Fixed)' type Pane Type and a Glass Level Part Matrix is used in a rule having a condition related to Glazing e.g. 'Glazing Unit Pattern', the program used to give a calculation error. This is now corrected. The rule will be ignored, and the user will be able to create the Sales line.