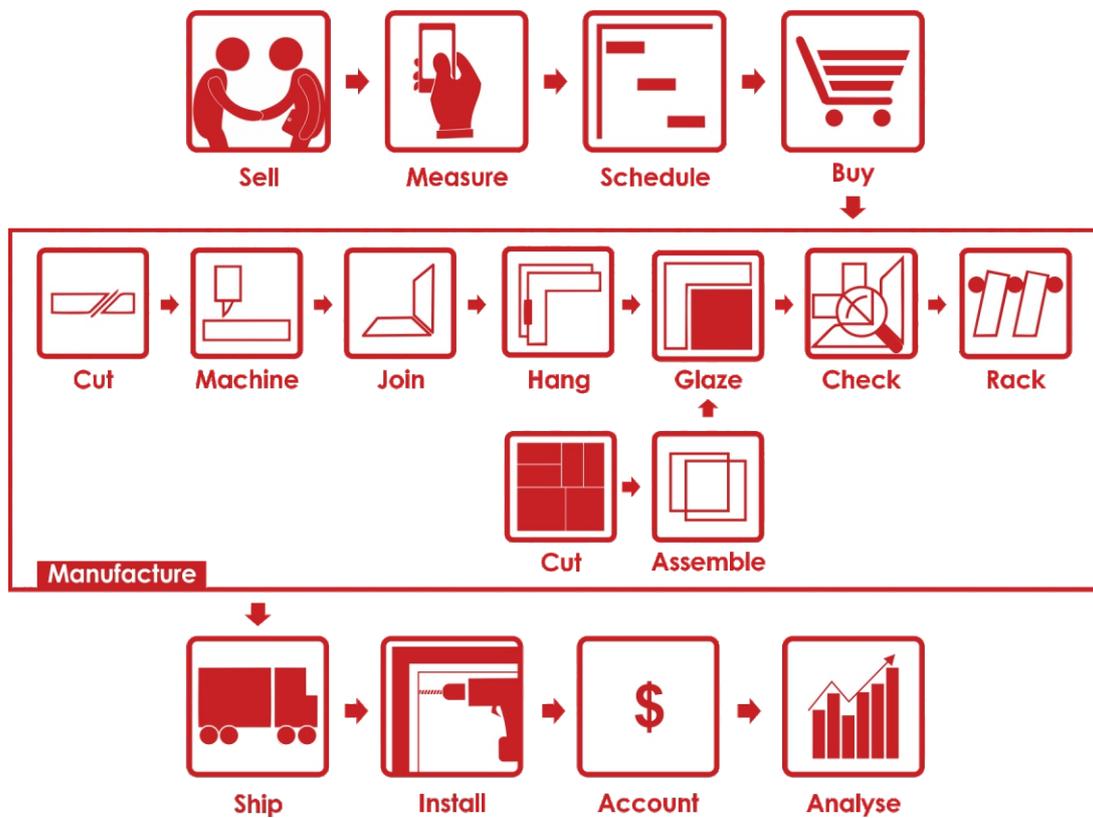




WINDOWMAKER® SOFTWARE



The world's leading software for windows and doors

About Us

30+ Years experience

One of the world's leading software companies supplying the window and door industry.

75+ Countries



Sold to over 4000 window companies.

A single adaptable solution for all company types in all markets and languages.

Partnerships

The first Microsoft Gold Certified Partner specialising in the window and door industry.

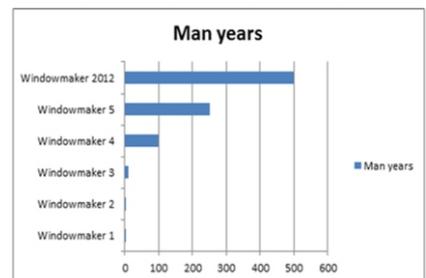
Committed to providing solutions that excel in Microsoft environments (Windows, SQL Server, Dynamics ERP and Office).

Geared to supporting mobile operations based around Google Android and Apple iOS.

40+ Developers

These include teams working on new features and enhancements, comprehensive testing and support services to ensure the business critical software works first time, every time.

500+ Years R&D

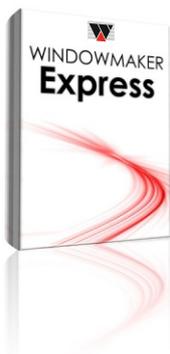


This massive effort and investment has resulted in a product that boasts thousands of useful features, but remains easy to use.

20+ Years Quality Audits

The company's quality systems have conformed ISO 9001 TickIT standards since 1994.

The Windowmaker Product Range



Windowmaker Express

Windowmaker Express provides a complete quotation, design and production system for growing small and medium sized manufacturers, helping to improve business processes, increase efficiency and grow with the business.

Windowmaker Express is built on Microsoft SQL Server Express – the free version of the world's favourite database system, with excellent performance and reliability. Windowmaker Express is available with up to 10 concurrent users.

Windowmaker SQL

Windowmaker SQL builds on the foundations of Windowmaker Express to allow more users, bigger database capacities, improved performance and greater customisation. It is ideal for companies with multiple sites and/or remote sales teams.



Windowmaker ERP

Windowmaker ERP allows Windowmaker functionality to be accessed from within Microsoft Dynamics ERP. Now window manufacturers do not need to compromise by running multiple systems, but can have a single software solution that provides integrated, best of breed functionality.

WindowSeller

WindowSeller is the complete software package for resellers/installers to produce accurate and professional quotations, convert these to orders and transfer them electronically to fabricators.

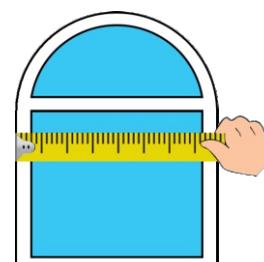


Windowmaker Lite

Windowmaker Lite is software designed for the small manufacturer, supplied in partnership with profile companies, enabling you to start designing and producing windows in minutes.

Windowmaker Measure

Windowmaker Measure is an app for surveyors and sales persons that can run on smartphones and tablets. It allows survey measurements to be associated with digital photos. The results can be emailed.



Configure the products that you sell

Intuitive and quick - Increase efficiency and throughput.

Intelligent Order Entry to eliminate any invalid input with associated costly mistakes.

A single software solution for all materials - PVC-U, aluminium, wood, fiberglass, steel, composite.

Choose from a wallchart of designs or create a 'one-off' design.

Create designs any of PVC-U, aluminium, wood, steel, composite profile systems

Variety of angled and arched shapes

Door Slabs with decorative Glass Inserts

LogiKal Positions

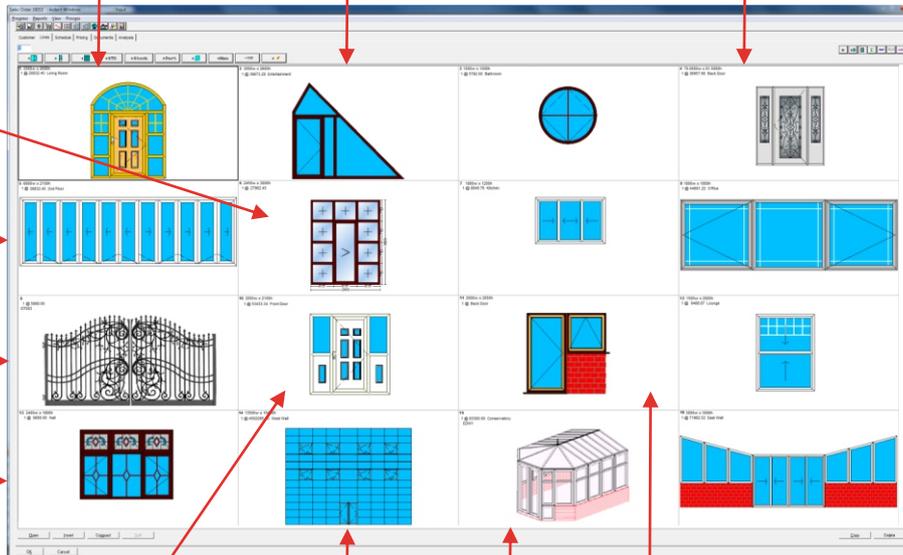
Folding doors

Bought-in products

Decorative leaded glass

Bays, Bows

Variety of Georgian/Colonial Grids



Decorative Panels

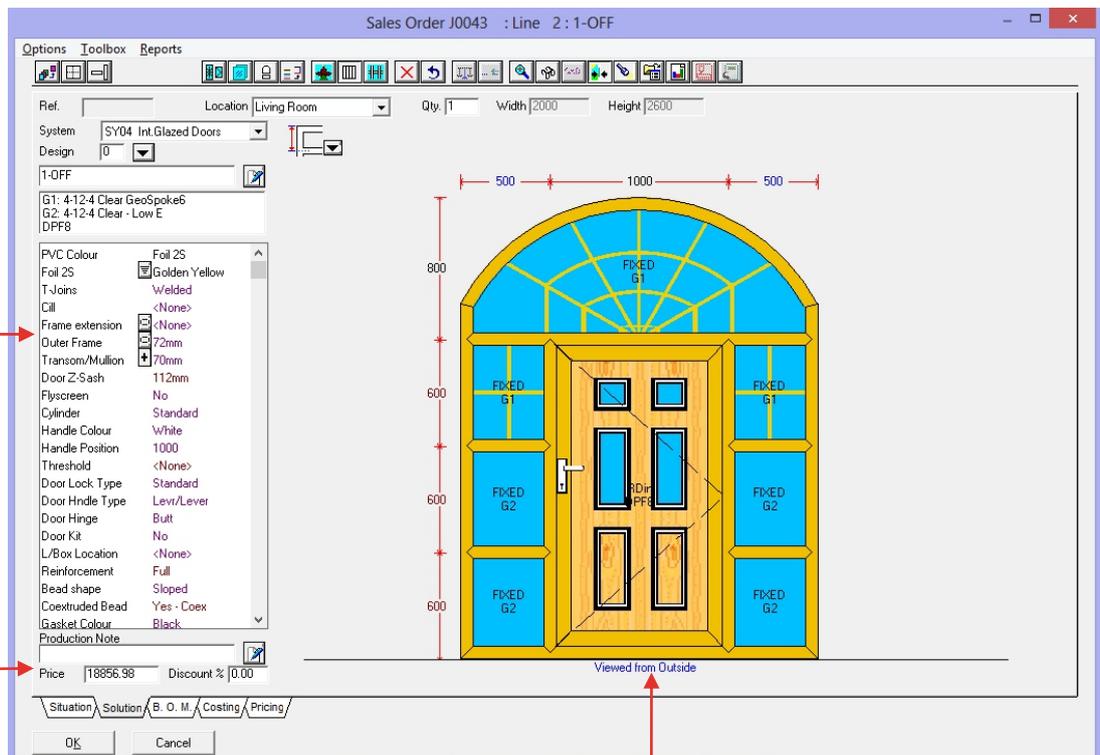
Curtain Wall

Conservatory

Coupled Designs

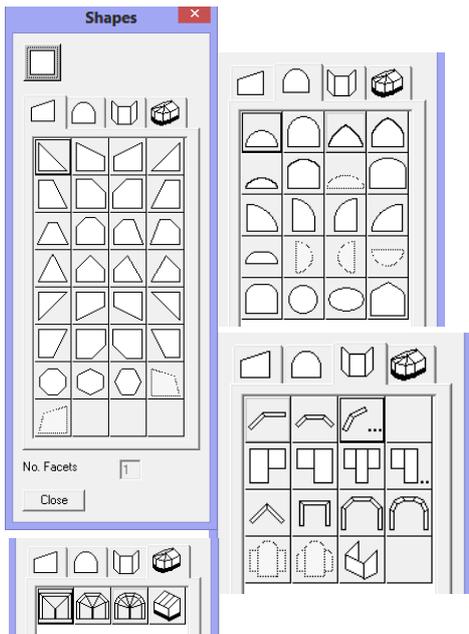
Customised Options list to change specification or add extras

Instant Pricing Display and Updates

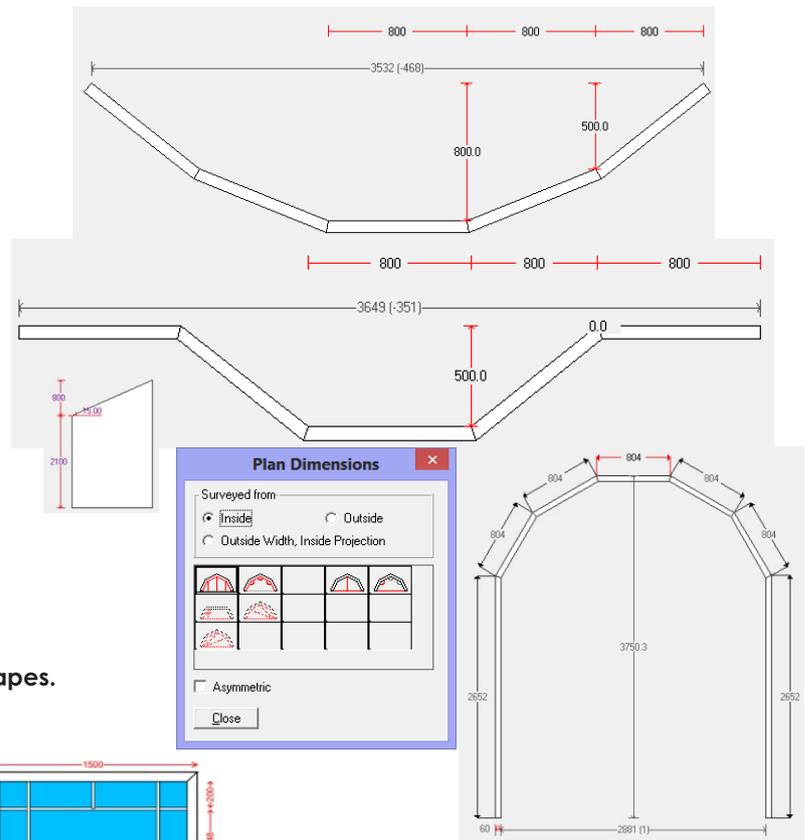


Clear, Detailed, Scaled Colour Graphics - WYSIWYG

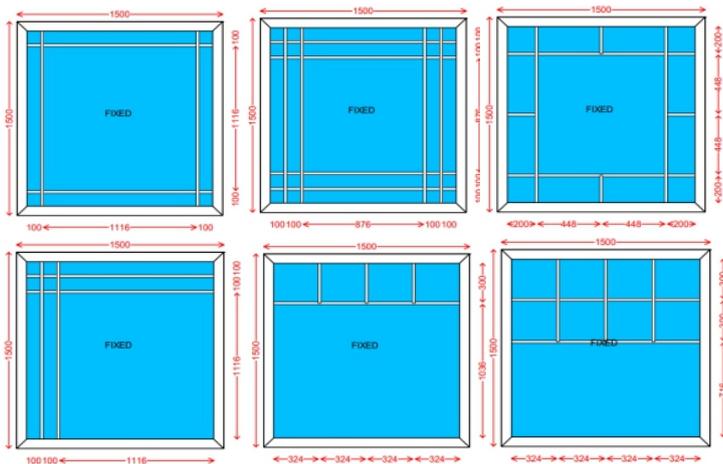
The most advanced configurator



Select from a comprehensive range of shapes.

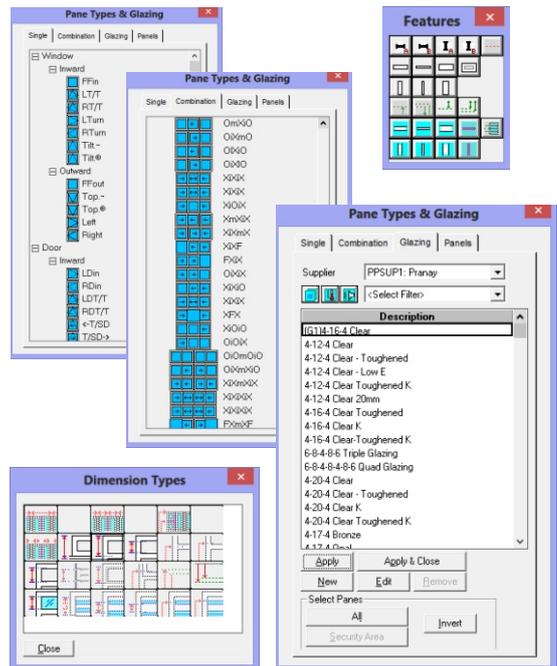
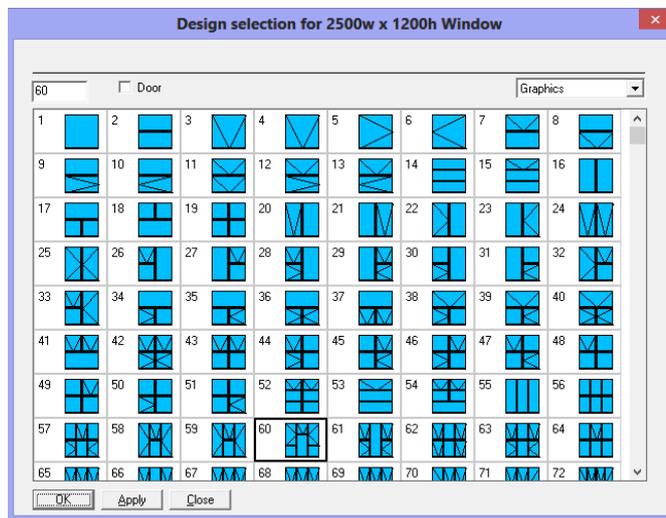


Configure variety of Bays and Bows.



Apply all popular Georgian/Colonial Grids.

Choose from standard designs or create your own custom ones using a drag & drop interface to include features and pane types.

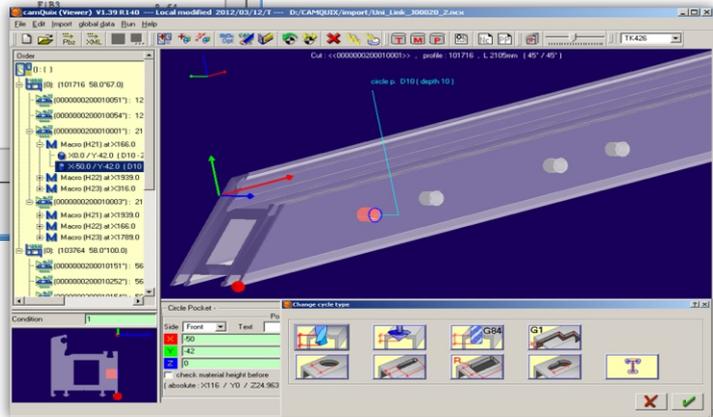


Sales Order: J0044 : Line 1:1-OFF

Quantity	Description	Qty.	Size	Where	Cost
1	Arch - Radius	1	1886w x 625h 9	G.A1/1	25.46
1	4-16-4 Clear Geo*	1	[68, 68, r=1076]	G.A3/2	4.26
1	4-16-4 Clear Geo*	1	398w x 595h	G.C3/3	4.26
1	4-16-4 Clear Geo*	1	398w x 595h	G.A4/4	4.26
1	4-16-4 Clear	1	398w x 595h	G.C4/5	4.26
1	4-16-4 Clear	1	398w x 595h	G.A5/6	4.26
1	4-16-4 Clear	1	398w x 595h	G.C5/7	4.26
1	Door Panel-Full 0???	1	844w x 1750h	RDin	0.00
20	Fabrication Labo* Door BN	20			4.00
1	Outer Frame OL072-2/NA	1	2450w 0.0\~/ 0.0	F*A	11.74
1	Outer Frame OL072-2/NA	1	[1133]		
1	Outer Frame OL072-2/NA	1	2000w	F_A	9.60
1	Outer Frame OL072-2/NA	1	2090h	F<1	10.03
1	Outer Frame OL072-2/NA	1	2090h 14.3\~/	F>1	10.03
1	Transom/Million T T1070-2/NA	1	1926w	F-A3	8.53
1	Transom/Million T T1070-2/NA	1	438w	F-A4	1.96
1	Transom/Million T T1070-2/NA	1	1951h	F-C4	1.96
1	Transom/Million T T1070-2/NA	1	1951h		
2	Transom/Million T1116-2/NA	2	408w		
2	Transom/Million T1116-2/NA	2	408w		
1	Door Z-Sash SZ112-2/NA	1	1038w		
1	Reinforcement S00042	1	849w		
60	Fabrication Labo* Reinforce	60			
1	Door Z-Sash SZ112-2/NA	1	1038w		
1	Reinforcement S00042	1	849w		
1	Door Seal G00030	1	1992		
1	Door Z-Sash SZ112-2/NA	1	1939h		

As you configure the Sales Line, the Bill of Materials and Pricing is dynamically calculated.

View machining operations in 3D.



Split a commercial project order into phases , each to be manufactured, delivered and installed separately.

Sales Order: PH0001 : MNC Company Limited : Input

Progress Reports View Proccss

Customer Lines Schedule Costing Pricing Documents Analysis

+STD +Stock +Part +Man +RF

Line	Description	Qty	Unit Price	Total Price	Cost
1	W1 Living Room 2000w x 1200h Casement L.F.R	64	1199.79	0.00	76786.56
2	D1 Living Room 950w x 2100h Residoor L				
3	W2 Bed Room1/2 1800w x 1200h Horizontal Slider				
4	W3 Bed Room1 2400w x 1200h Secondary 3 pane				
5	W4 Study 750w x 1200h Casement Left				

PH0001

Lines	Constituents	Σ	00	01	02
1	Casement L.F.R	64	16	16	32
2	Residoor L	64	16	16	32
3	Horizontal Slider	192	48	48	96
4	Secondary 3 pane	64	16	16	32
5	Casement Left	64	16	16	32
6	Casement Top *R,Fixed	64	16	16	32
7	Casement Fixed	64	16	16	32
8	Casement Fixed/Fixed	64	0	32	32

PH0001.03

Delivery Address: Kalapi Avenue, Behind Punj Nagar, Old Padra Road, Baroda, 390015, Gujarat

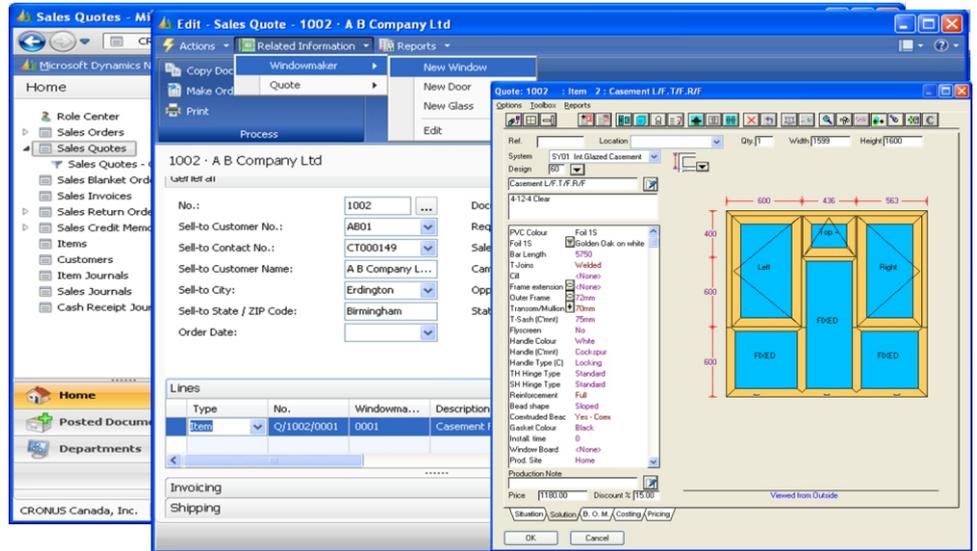
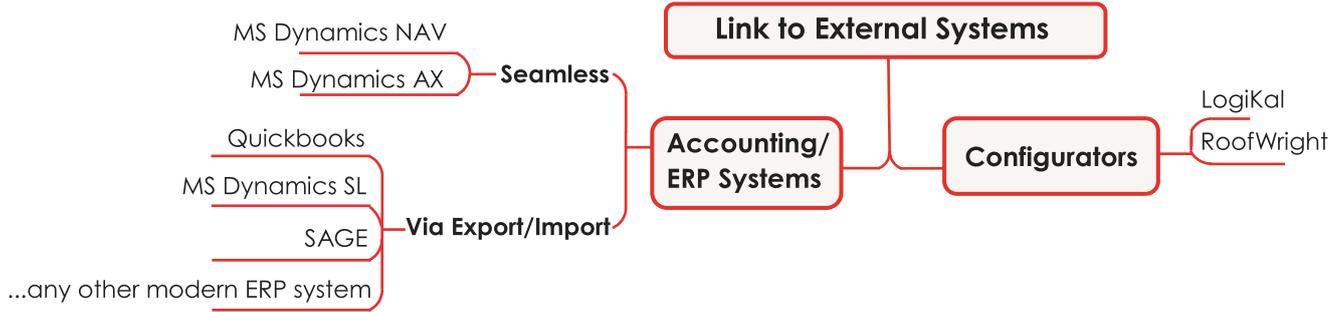
Comment: Tower 4

Required Date: 30-05-2014

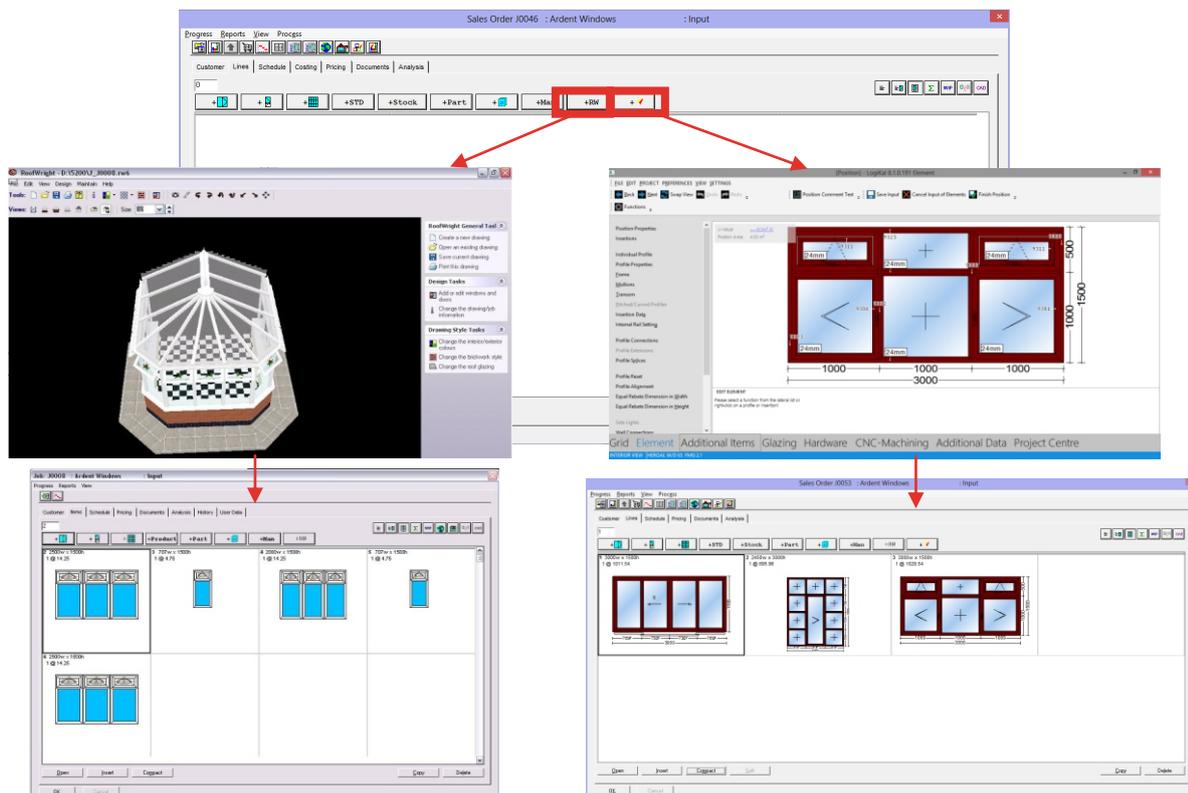
Windowmaker Options

- ▶ Angled Shapes
- ▶ Panels
- ▶ Door Slabs and Glass Inserts
- ▶ Arched Shapes
- ▶ Standard Products
- ▶ Curtain Walling
- ▶ Georgian & Leaded
- ▶ Bows & Bays
- ▶ Conservatories
- ▶ Excel-based rules
- ▶ Link to LogiKal
- ▶ Link to RoofWright

Link to external systems

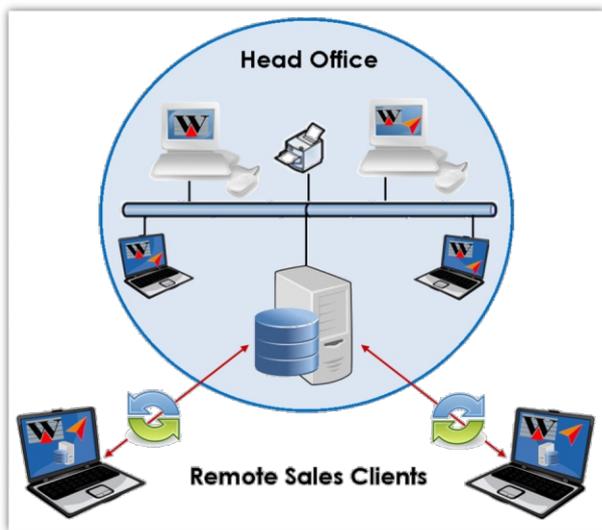
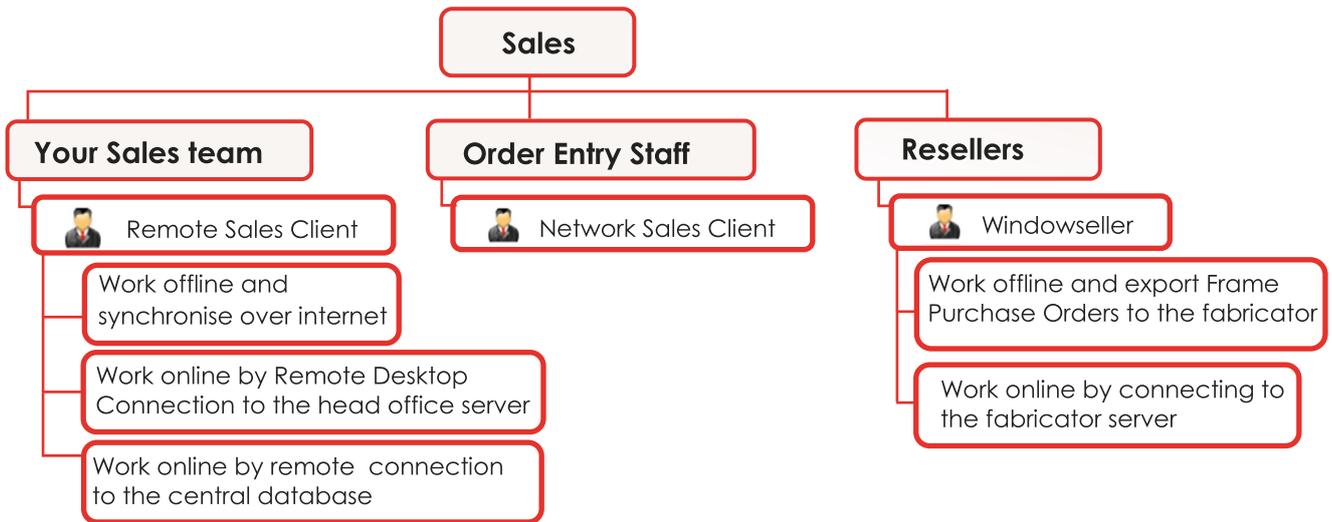


Windowmaker ERP is seamlessly integrated with **Microsoft Dynamics** applications enabling use of a single ERP solution across the organisation. For instance, this allows you to create Windowmaker Orders from Microsoft Dynamics Order Entry process utilising Windowmaker ERP.



Other configurators like RoofWright and LogiKal can be invoked from Windowmaker. Get the best of many worlds!

Sales



Increase prospects of making sales by presenting 'realistic' simulation of building with new windows and doors.

Windowmaker via RDP

Access Windowmaker installed on a Terminal Server via **Remote Desktop Connection** from a variety of devices including **tablets** and **smartphones**.



Windowmaker on Windows Tablets

The introduction of new hardware such as Microsoft Surface Pro will allow Windowmaker to also be used on tablets without a connection to the server.

Windowmaker/Windowseller Web Clients

- ▶ The Windowmaker and Windowseller **web clients** allow remote staff to view and edit customers, quotes and orders from any browser. The editing, However does not allow the same possibilities as the full Windowmaker, e.g. drag 'n' drop.
- ▶ The Windowmaker RDP, Windows and Web Clients can share the same central data.
- ▶ Stay up-to-date and in control wherever you go.



Fast, Accurate & Reliable Sales

Sales Documentation allows you to create stunning graphical documents, from Quotations and Order confirmations to invoices, with the ability to include corporate branding, bought in products and one-off charges.

Design your own stationery, with default documents

Prices automatically calculated from the price list

Clear, scaled drawings

Add one-off charges, and define what options are included

Include Bought in Products

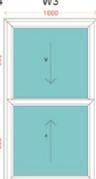
MNC Company Ltd.
5 Church street
Hassocks
West Sussex
BN6 5PW
UK
Tel: +44 (0)20 8996 6538 Fax: +44 (0)20 8996 6538
Email: info@mncwindows.com

Quotation



To:
Ardent Windows
7 Lustrum Avenue
Portrack Lane
Stockton On Tees
Cleveland
TS18 2RB

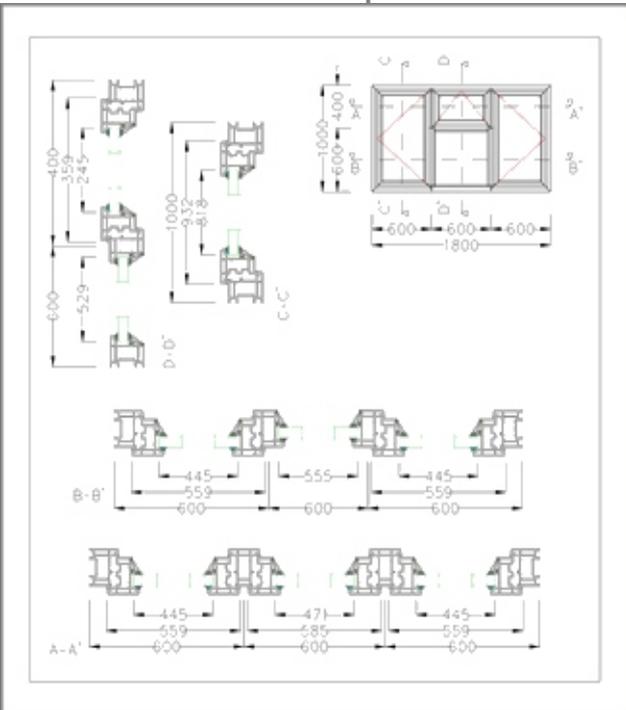
Deliver to:

Quote No.	Date	Customer Ref.	Responsible		
J0051	12/11/2012	PT#Y5	Chris		
Line	Details	Qty	Rate	Disc %	Amount
0003	D1 Kitchen Restroom L 950w x 2,100h DPF7 PVCColour Foil 2S Foil 2S Foil Surcharge Foil 2S Light Oak	1	1,178.51	0.00	1,178.51
					
<p>Pricing - Extras Foil Surcharge Pricing - Extras Subtotal</p>			530.32	0.00	530.32
<p>Extras Subtotal</p>					530.32
0004	W3 Living Room Vert. Slide Standard 1,000w x 1,800h 4-16-4 Clear PVCColour White	1	807.47	0.00	807.47
					
<p>Pricing - Extras Gold Espag Handle Gold Espag Handle Gold Espag Handle Pricing - Extras Subtotal</p>					
<p>Extras Subtotal</p>					
0005	G1 South Wall Gate GT003 <small>The gate can be installed with 10 hanging brackets.</small>	1	1,750.00	0.00	1,750.00
					
<p>Total</p>					£ 7,345.02
<p>VAT</p>			20.00 %		£ 1,469.00
<p>Grand Total</p>					£ 8,814.02

We trust that this quotation meets with your requirements. All of the styles of windows/doors shown are provisional; they can very easily be altered to meet your exact requirements. When you do decide to confirm your order, the choice of final styles can be confirmed at the time we take the measurements and carry out the full site survey prior to the manufacturing of the frames. Kindly note that the above quotation is valid for one month.

Thanking you,
Yours sincerely,
Chris Brown
Sales Representative
MNC Company Ltd.

Page 2 of 2



Windowmaker Options

- | | | |
|--------------------------------------|----------------------|-----------------------|
| ▶ Pricing via Mark-Up & Cost Plus | ▶ Customer Discounts | ▶ Commercial Projects |
| ▶ Pricing via Price Lists & Matrices | ▶ Global Changes | ▶ Link to CAD |
| ▶ Pricing Extras | ▶ Optimised Costing | ▶ Sales Order Imports |
| ▶ Order Tracking | | |

Operations

Scheduling

Windowmaker Scheduling enables you to take full control over all **Survey, Purchase, Production, Delivery** and **Installation** operations by maintaining compatible schedules for each.

- ▶ Easily add new Sales Orders to the schedules, or change the schedule of already scheduled orders, taking account of capacity and constraints.
- ▶ Split Orders across Production Batches/Deliveries or Sites according to product characteristics.

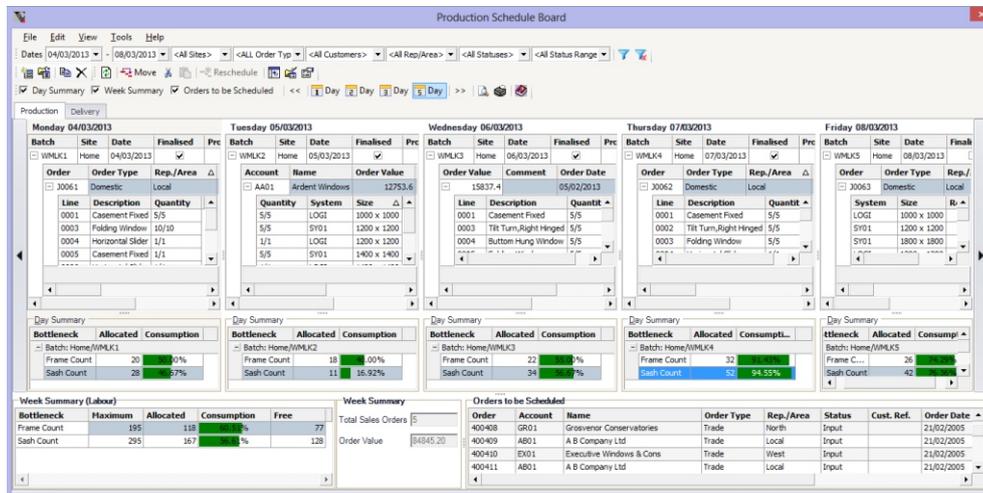
MNC Company Ltd.		Purchase Order				
5 Church street Hassocks West Sussex BN6 5PW UK Tel: +44 (0)20 8996 6538 Fax: +44 (0)20 8996 6538 Email: info@windowmaker.com						
To Double Glazing Suppliers 35 Bonnyside Road Bonnybridge Strathgryshire FK4 2AD UK		Deliver to 5 Church street Hassocks West Sussex BN6 5PW UK				
Order No	Order Date	Order Ref	Required By			
12-889	12/11/2012	J0051/PT8Y5	22/11/2012			
Order No./line	Pane	Reference	Location	Size	Qty	Value
4-16-4 Clear						
J0051/001	G.A1/1	W1	Lounge	1080w x 523h 21 [-643]	1	11.46
						
J0051/001	G.A2/2	W1	Lounge	449w x 449h	1	3.70
J0051/001	G.B2/3	W1	Lounge	449w x 449h	1	3.70
J0051/004	G.A1/1	W3	Living Room	828w x 787h	1	11.96
J0051/004	G.A2/2	W3	Living Room	828w x 787h	1	11.96
4-16-4 Clear K						
J0051/002	G.A1/1	W2	Living Room	469w x 1028h	1	17.21
J0051/002	G.B1/2	W2	Living Room	490w x 249h	1	7.14
J0051/002	G.C1/3	W2	Living Room	469w x 1028h	1	17.21
J0051/002	G.B2/4	W2	Living Room	660w x 738h	1	15.30
					4	56.86
Total						99.64
Delivery Charge						10.00
Grand Total						109.64

Purchasing

- ▶ Generate Purchases for:
 - Re-ordering Stocked components
 - Bought-to-Order components, either for individual Sales Order or a Production Batch (e.g. glass units, frames).
- ▶ Generate printed or electronic Purchase Orders.
- ▶ Track individual Purchase Orders using status.
- ▶ Track individual ordered glass units (i.e. whether no, full or partial receipt, back order status).

Production

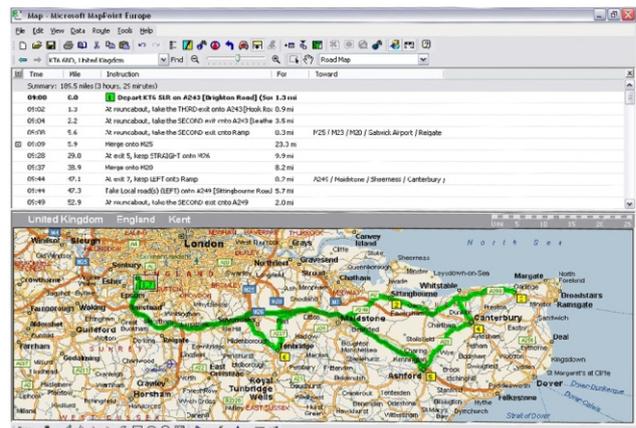
- ▶ Create Production Batches - a collection of contents for production over a day/shift at a production site/line.
- ▶ Generate station-wise work instructions (printed reports, labels or link to machinery for a production batch).



The screenshot shows the 'Production Schedule Board' interface. It displays a grid of production batches for Monday through Friday. Each batch includes details such as 'Order No.', 'Order Type', 'Rep./Area', 'Line Description', 'Quantity', 'System', and 'Size'. Below the grid, there are 'Day Summary' and 'Week Summary' sections, including 'Bottleneck' information and 'Orders to be Scheduled'.

Delivery

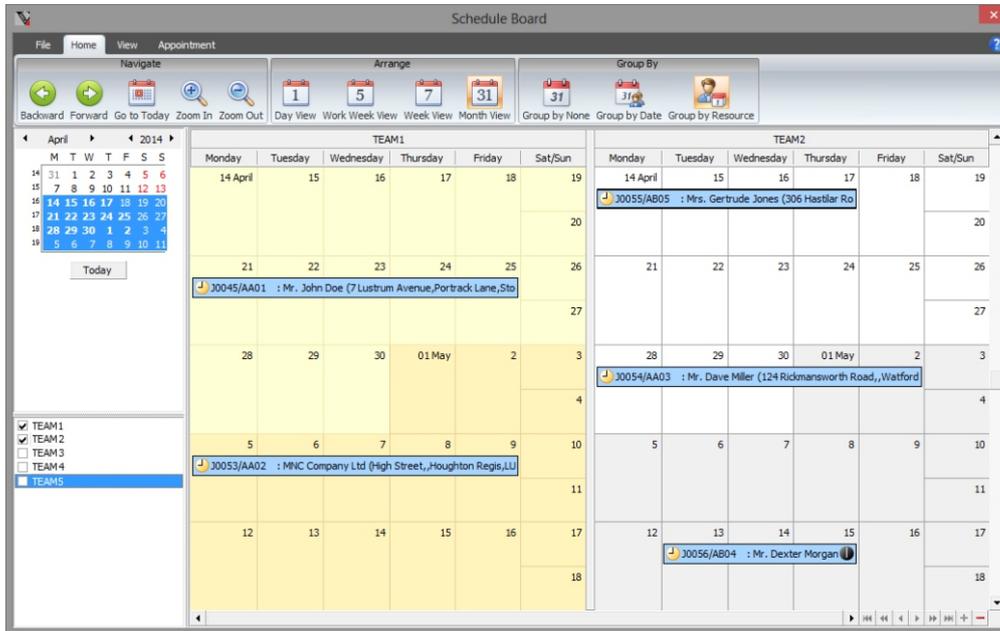
- ▶ Create Deliveries - a collection of contents for delivery over a day/shift/vehicle from a production site on a particular route.
- ▶ Generate the necessary paperwork (e.g. Delivery Notes, Picking List, Packing Slips, including frames and ancillaries to be actually delivered).
- ▶ Link to Microsoft MapPoint for delivery route optimisation.



A single solution for the whole organisation

Survey and Installation

- ▶ Schedule a Sales Order for survey/installation by an available individual or a team.
- ▶ Monitor the workload of individuals or teams.

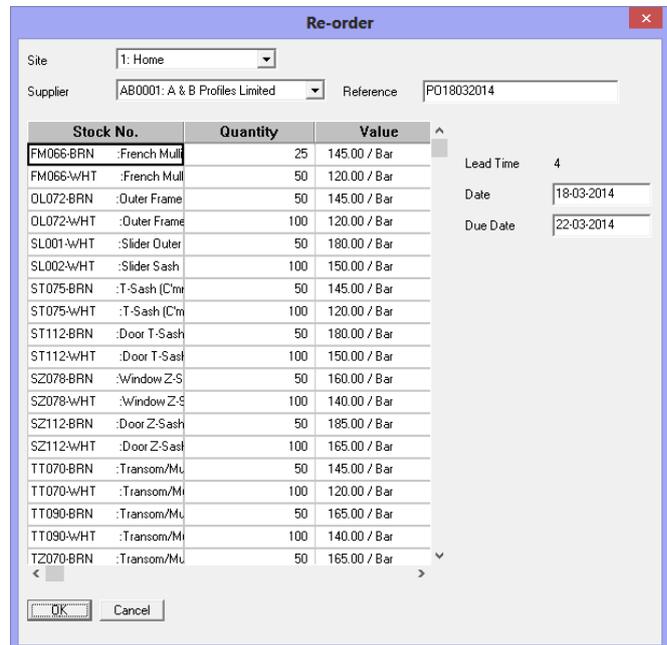


Inventory/Stock Control

Windowmaker can link to ERP inventory software, but also offers its own integrated multi-site

Inventory Control

- ▶ Post transactions manually/automatically for:
 - Allocations generated via Production Scheduling.
 - Issues generated either by a Production Batch being released to manufacture OR by a frame/sash being tracked at a station in the factory.
- ▶ Lower inventory levels and free up working capital by:
 - Using Stock reordering functionality that is based on accurate data.
 - Identifying requirements at the earliest for Scheduled Sales Orders.
- ▶ When used in conjunction with other modules, Windowmaker Inventory reporting provides valuation figures for Inventory, Work In Progress (WIP) and Finished Goods.
- ▶ Manage Profile Offcuts via WIP.

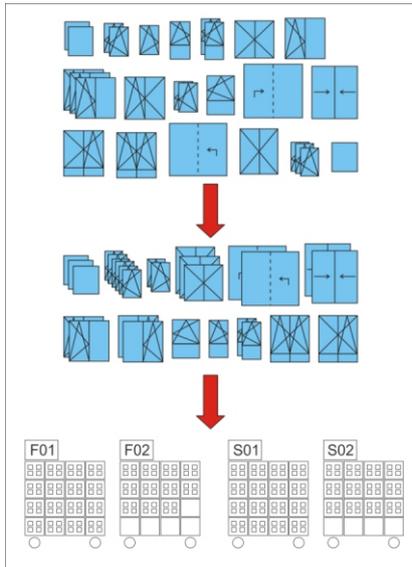


Windowmaker Options

- | | | |
|-------------------------|---------------------------------|------------------------------------|
| ▶ Purchase Scheduling | ▶ Purchase Ordering | ▶ Electronic glass orders |
| ▶ Production Scheduling | ▶ Delivery Scheduling | ▶ Survey & Installation Scheduling |
| ▶ Multiple Locations | ▶ Stock Control / Link to Stock | ▶ Link to Sales |

Manufacturing

Once Sales Orders have been created, and batched - either manually or with scheduling - Windowmaker then processes them through Production, with a range of optimisation options and the ability to automate your manufacturing.



Sub-batching

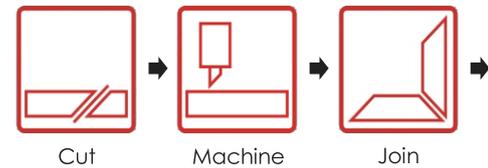


Real-time works instructions

Optimisation

Once Sales Orders have been batched/scheduled for production, Windowmaker has a range of features to maximise your efficiency:

- ▶ Create optimum production sequences
- ▶ Use Sub-batching to further improve production output
- ▶ Use Pairing and Material Optimisation with Reusable Offcuts to minimise waste
- ▶ Calculate machining requirements



Cutting List						ABC Windows		24/02/2014	
Order/Sales Line	Slot	Qty	Size	Cut	Position				
Outer Frame	OL672-WHT	1	2106	1/1	F-1	4 x 6600 (x 2)			
J0000001	I0003	F0105	2106	1/1	F-1				
J0000001	I0003	F0105			P-1				
J0000001	I0008	F0116	1006	1/1	F-1				
J0000001	I0008	F0116			P-1				
J0000001	I0004	F0108	855	1/1	P-2				
J0000001	I0004	F0108			F-2				
J0000001	I0004	F0109	855	1/1	P-2				
J0000001	I0004	F0109			F-2				
J0000001	I0001	F0107	696	1/1	F-1				
J0000001	I0001	F0107			P-1				
J0000001	I0004	F0108	405	1/1	F-1				
J0000001	I0004	F0108			F-1				
	Waste	28							
J0000001	I0005	F0110	1256	1/1	F-1				
J0000001	I0005	F0111	1206	1/1	F-1				
J0000001	I0006	F0113	1006	1/1	F-A				
J0000001	I0006	F0113			F-A				
J0000001	I0008	F0115	1006	1/1	F-A				
J0000001	I0008	F0115			F-A				
J0000001	I0008	F0115	1006	1/1	F-1				
J0000001	I0008	F0115			P-1				
J0000001	I0008	F0116	1006	1/1	F-A				
J0000001	I0008	F0116			F-A				
J0000001	I0004	F0109	405	1/1	P-1				
J0000001	I0004	F0109			F-1				
	Waste	66							
J0000001	I0003	F0103	2106	1/1	F-1				
J0000001	I0003	F0103			P-1				
J0000001	I0003	F0102	956	1/1	F-A				
J0000001	I0003	F0102			F-A				
J0000001	I0003	F0103	956	1/1	F-A				
J0000001	I0003	F0103			F-A				
J0000001	I0003	F0104	956	1/1	F-A				
J0000001	I0003	F0104			F-A				
J0000001	I0003	F0106	956	1/1	F-A				
J0000001	I0003	F0106			F-A				
J0000001	I0003	F0105			F-A				
	Waste	28							
J0000001	I0003	F0104	2106	1/1	F-1				
J0000001	I0003	F0104			P-1				
J0000001	I0008	F0117	1006	1/1	F-A				
J0000001	I0008	F0117			F-A				
J0000001	I0008	F0117	1006	1/1	F-1				
J0000001	I0008	F0117			P-1				
J0000001	I0004	F0108	906	1/1	F-A				
J0000001	I0004	F0108			F-A				
J0000001	I0004	F0109	906	1/1	F-A				
J0000001	I0004	F0109			F-A				
	Waste	28							
Outer Frame	OL672-WHT	1	2106	1/1	F-1	1 x 2150			
J0000001	I0003	F0102	2106	1/1	F-1				
	Waste	30							

Machining Instructions									
Batch V/PB2402 21-10-2013		Trolley F01		Operation Station 60 Drainage		24-02-2014			
Slot	Position	Size	Cut	Operation	Offset				
58mm C'mnt O/P	2060W								
1	F_A	605	1/1	60-DrainOut-E (L: 30)	59 (546)				
				60-DrainOut-Face-E (L: 30)	500 (105)				
1	F_C	605	1/1	60-DrainIn-E (L: 30)	280 (326)				
				60-DrainOut-Face-E (L: 30)	75 (530)				
				60-DrainOut-Face-E (L: 30)	516 (89)				
1	F_B	1034	1/1	60-DrainIn-E (L: 30)	296 (310)				
				60-DrainIn-E (L: 30)	59 (975)				
				60-DrainOut-Face-E (L: 30)	945 (89)				
16	F_A	831	1/1	60-DrainIn-E (L: 30)	502 (523)				
				60-DrainIn (L: 30)	75 (756)				
				60-DrainOut-Face-E (L: 30)	726 (105)				
				60-DrainOut-Face-E (L: 30)	401 (431)				
18	F_A	726	1/1	60-DrainIn (L: 30)	75 (855)				
				60-DrainOut-Face-E (L: 30)	621 (105)				
				60-DrainOut-Face-E (L: 30)	348 (378)				
61mm C'mnt Sash	2067W								
5	S'A1	571	1/1	60-AirSlotIn (L: 30)	100 (471)				
				60-AirSlotOut (L: 30)	441 (130)				
				60-AirSlotOut (L: 30)	200 (371)				
				60-AirSlotOut (L: 30)	241 (230)				
5	S_A1	571	1/1	60-DrainIn (L: 30)	95 (476)				
				60-DrainOut-Face-E (L: 30)	446 (125)				
				60-DrainOut-Face-E (L: 30)	271 (301)				
6	S'C1	571	1/1	60-AirSlotIn (L: 30)	100 (471)				
				60-AirSlotOut (L: 30)	441 (130)				
				60-AirSlotOut (L: 30)	200 (371)				
6	S_C1	571	1/1	60-DrainIn (L: 30)	95 (476)				
				60-DrainOut-Face-E (L: 30)	446 (125)				
				60-DrainOut-Face-E (L: 30)	271 (301)				
61mm Slider Sash	2170W								
22	S'A1	965	1/1	60-AirSlotIn (L: 30)	89 (876)				
				60-AirSlotOut (L: 30)	846 (119)				
				60-AirSlotOut (L: 30)	189 (776)				
				60-DrainIn (L: 30)	746 (219)				
22	S_A1	965	1/1	60-DrainIn (L: 30)	84 (881)				
				60-DrainOut-Face-E (L: 30)	851 (114)				
				60-DrainOut-Face-E (L: 30)	468 (497)				
23	S'B1	965	1/1	60-AirSlotIn (L: 30)	89 (876)				
				60-AirSlotOut (L: 30)	846 (119)				
				60-AirSlotOut (L: 30)	189 (776)				
				60-DrainIn (L: 30)	746 (219)				
23	S_B1	965	1/1	60-DrainIn (L: 30)	84 (881)				
				60-DrainOut-Face-E (L: 30)	851 (114)				
				60-DrainOut-Face-E (L: 30)	468 (497)				

Works Instructions

With the orders passed through into Production, Windowmaker can provide a variety of Works Instructions, including:

- ▶ Machine Links, to a variety of saws, working centres, welders and glass cutting tables
- ▶ Labels and reports, which can be fully customised to your requirements including text and graphics

Take control of your production

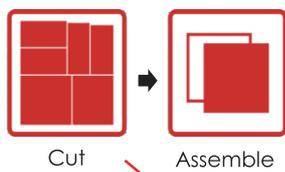
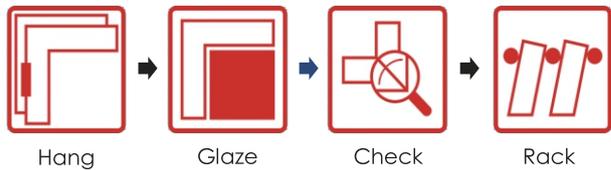
Production Document		ABC Windows	24/02/2014		
J0000001 / 0001 / Frame 1, 2		1 / PB2402 / F001 / 06	Qty 1		
AA01 Ardant Windows					
Required	Production	24/02/2014	Delivery		
System	SY01 Int.Glazed Casement				
Design	0				
Description	Arched Top/Inward				
Size	1000w x 1000h (n=567)				
Glazing	4-16-4 Clear				
PVC Colour	White				
Coupling 180°	20mm Std.				
Outer Frame	72mm				
Flyscreen	No				
Handle Colour	White				
Handle (Crmit)	Cockspur				
SH Hinge Type	Standard				
Reinforcement	By rules				
Description	Stock No.	Qty	Size	Cut	Position
Frame 1.F001/06					
Outer Frame	OL072-WHT	1	1202w	0.01~ / 0.0 [567]	1P-A
D.G. Bead (Coex.)	B36_WHT	1	989w	0.01~ / 0.0 [515]	1Q-A1
Gasket	G00045	1	792w	66.11 / 66.1	1Q_A1
		1	1644		1
Frame 2.F001/07					
Outer Frame	OL072-WHT	1	1000w	1 / 1	2P-A
		1	1000w	1 / 1	2P-A
		1	690h	1 / 1	2P-A1
		1	690h	1 / 1	2P-1
Transom/Mullion T	TT070-WHT	1	616h	-x-	2P-B1
T-Sash (Crmit)	TS075-WHT	1	453w	1 / 1	2P-A1
		1	453w	1 / 1	2P-B1
		1	453w	1 / 1	2P-A1
		1	453w	1 / 1	2P-B1
		1	606h	1 / 1	2P-B1
		1	606h	1 / 1	2P-A1
		1	606h	1 / 1	2P-B1
D.G. Bead (Coex.)	B36_WHT	1	343w	1 / 1	2Q-A1
		1	343w	1 / 1	2Q_A1
		1	496h	1 / 1	2P-A1
		1	343w	1 / 1	2Q-B1
		1	343w	1 / 1	2Q-B1
		1	496h	1 / 1	2P-B1
		1	496h	1 / 1	2P-B1
Gasket	G00045	1	3278		2
Standard SH Hinge	12" SH Std	1			2P-A1
Cockspur Locking	Wh Lok LH	1			2P-A1
Standard SH Hinge	12" SH Std	1			2P-B1
Cockspur Locking	Wh Lok RH	1			2P-B1
Glass					
		Qty	Size		Position
4-16-4 Clear		1	771w x 179h 21 (n=510)		1G.A111
		1	333w x 488h		2G.B112
		1	333w x 488h		2G.A111



Tracking

Use barcode technology to keep track of products as they are manufactured and progress down the production line.

- ▶ Tracking Clients capture data regarding the progress of frames, sashes and glass through the factory - together with statistics on standard and actual performance by station, person, date and time.
- ▶ The Tracking Clients also provide clear and comprehensive Works Instructions including dynamically reprioritised Work-To Lists for each station operator. Labels can be printed at these screens.
- ▶ Reports can include comprehensive management information, including labour times and performance & problem statistics.



Programs, Cutting List		ABC Windows	
Batch No. 1	PB2402	4mm Clr	
Pattern	Qty	Yield	Pieces Type
1	(x1) 2000w x 3000h	89.24%	6 Handout
Handout1			
A			
	15		15
			4
			4
			6
			6
Strip	X-Cut	Y-Cut	Z-Cut
Trims	10	10	
A	1830	680	
		1350	1820w x 670h
		2020	1820w x 670h
		2690	1820w x 670h
		2923	843 833w x 233h
		1676	833w x 233h
			3000001/003 6
			3000001/003 4
			3000001/003 4
			3000001/005 15
			3000001/005 15



Barcode tracking

Windowmaker Options

For Frame Production

- ▶ Sub-batching
- ▶ Profile Pairing
- ▶ Tracking
- ▶ Link to Saw
- ▶ Machining Instructions
- ▶ Bar Optimisation
- ▶ Reusable Offcuts
- ▶ Profile & Sash Labels
- ▶ Link to Welder
- ▶ Link to Working Centre

For Glass Production

- ▶ Optimaker
- ▶ Sealed Unit Pairing
- ▶ Cutting Instructions
- ▶ Optimised Labels
- ▶ Toughened Glass Report
- ▶ Reusable Glass Offcuts
- ▶ Multiple Glass Tables
- ▶ Multiple Inventory Sizes
- ▶ Link to Cutting Tables
- ▶ Link to Third Party Glass Optimisers

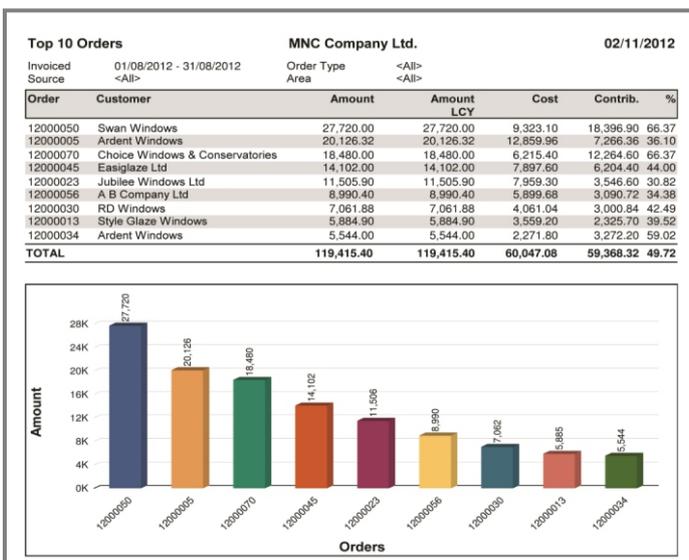
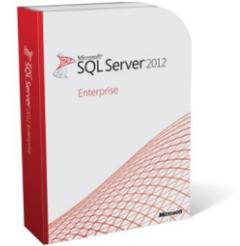
Windowmaker Technology & Integration

As a Microsoft Partner with a large development team, Windowmaker Software can deliver solutions that truly exploit the power of the latest technology.

Microsoft SQL Server

Windowmaker uses **Microsoft SQL Server** as the underlying database, leveraging the advantages

- ▶ of fast and secure data access.
- ▶ of the ability of sharing, exporting and synchronising data with other software.
- ▶ by offering web services to access data from a variety of devices including tablets and smartphones.
- ▶ to enhance the customer-specific customisation available by allowing fields to be added to the Windowmaker database and then accessed directly from within Windowmaker.



Crystal Reports

- ▶ Windowmaker uses **SAP Crystal Reports** in conjunction with **SQL Server** to provide unmatched business intelligence.
- ▶ A library of numerous superlative standard reports is available.
- ▶ You can design and run unlimited custom reports e.g.
 1. Measure Management, Sales and Production KPIs.
 2. Add tabs to the Sales Header page for dynamic reports.
 3. Format files to interfacing to other software (such as exporting purchase orders or link to machinery) using the Crystal Reports Designer.

Energy Star/Marking labels

Meet the statutory requirement with sleek professional labels (CE, NFRC, Energy Star, NAFS, WERS etc.) from Windowmaker.

<p>ABC Window and Doors Systems Inc. D605 Double Glazed Awning Vinyl Frame, Double Glazed, Low E coating (per 0.068 S3), Argon air filled</p> <p>ATM-K-15-00012-00001</p>		
ENERGY PERFORMANCE RATINGS		
U-Factor	4.57	Solar Heat Gain Coefficient
0.18 (U.S./I-P)	(SI)	0.36
ADDITIONAL PERFORMANCE RATINGS		
Visible Transmittance	Air Leakage	
0.42	0.88 (U.S./I-P)	22.25 (SI)
Condensation Resistance	BAT01/J00001/0001/I/G.A1/1	
77		
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. www.nfrc.org</small>		

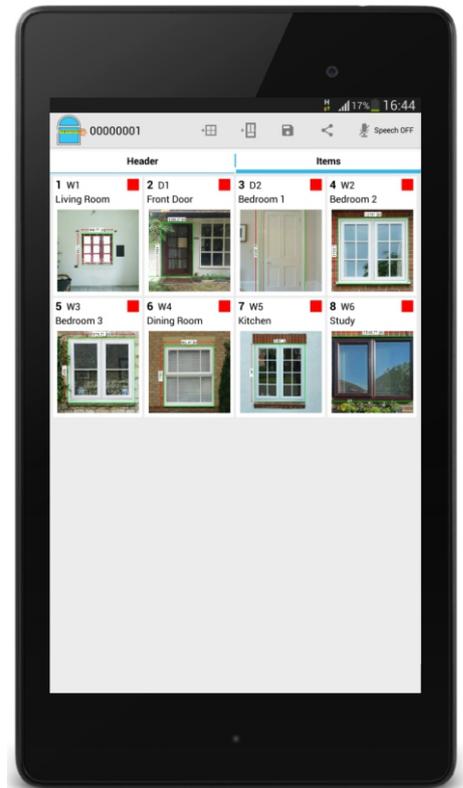
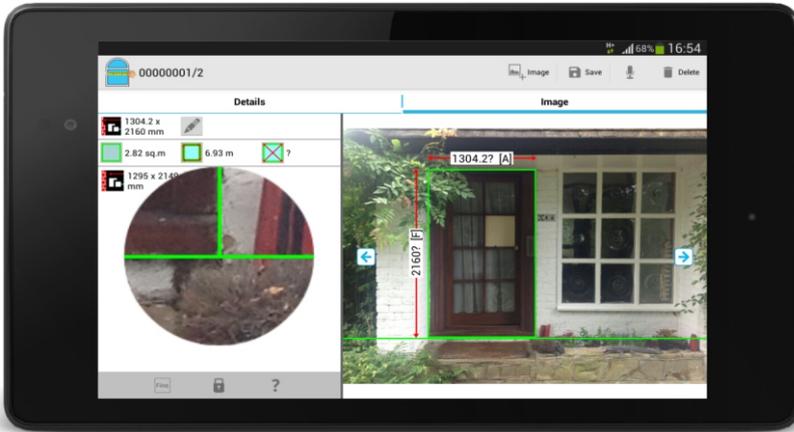
<div style="border: 1px solid black; padding: 5px; display: inline-block;">Your logo here</div>	
Windowmaker Windows Meadow House 17 Brighton Road Surbiton, Surrey KT6 5LR UK	
2013	
Notified body VTS 1970	
BS EN 14351-1:2006+A1:2010	
DoP No. 1001	
DIN-004-DOOR	
DGU-Door In-SY1	
Intended use for Commercial Buildings	
Resistance to windload	Class A2
Water tightness	Class 5A
Dangerous substances	No
Load-bearing capacity of safety devices	NPD
Acoustic performance	NPD
Thermal transmittance	1.7 W/(m2.K)
Radiation properties	NPD
Air permeability	Class 2 (300 Pa)
Ability to release	Panic H/W complies EN179
J00008/0002	
<p>0000014000100</p>	

<p>ABC Windows</p> <p>Double Low E Argon Product type: Battant PVC/PVC Casement CPD: XXX-X-0-00000</p>	
ENERGY PERFORMANCE RATINGS / COTES DE PERFORMANCE ENERGETIQUE	
U-Factor / Valeur-U	Solar Heat Gain Coefficient / Coefficient de gain de chaleur solaire
0.29 (U.S./I-P)	1.65 (SI) 0.57
ADDITIONAL PERFORMANCE RATINGS / COTES SUPPLEMENTAIRES DE PERFORMANCE ENERGETIQUE	
Visible Transmittance / Transmission Visible	Air Leakage / Infiltration of Air (U.S./I-P) (SI)
—	—
Condensation Resistance / Résistance à la Condensation	ER
0.60	36
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. www.nfrc.org</small>	
ENERGY STAR MAÎTRE EFFICACITÉ ÉNERGÉTIQUE 1 800 387-2000 energystar-gc.ca	
<p>ENERGY STAR ZONE 3 ZONE 2 ZONE 1</p>	
110234A/0001	

Windowmaker Measure - Mobile App

Overview

Smartphones and tablets provide hardware platforms that are highly suited to use by salespersons or surveyors: light, hi-res, inbuilt cameras, internet connectivity and the power to run significant apps. Windowmaker Measure is an app that leverages the capabilities of these devices and provides an easy and fast way for surveying the customer site.



Capture photos, dimensions and text or voice annotations for each 'hole in the wall'.

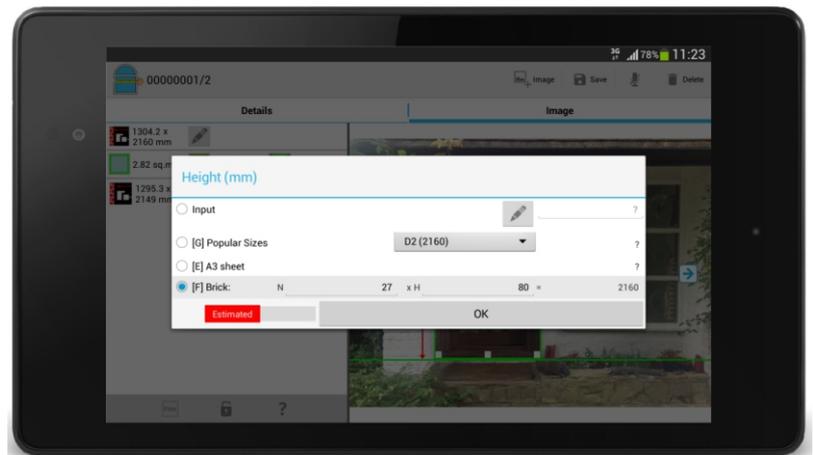
Features

- ▶ Allows a salesperson or surveyor to capture photos and text or voice annotations for each 'hole in the wall'.
- ▶ Automatically calculates dimensions of the windows/doors when the photos are captured. The calculated dimensions are accurate enough for estimating – without having to actually measure each, some of which could be in awkward positions difficult to measure.
- ▶ Alternatively, allows input of dimensions.
- ▶ Allows transferring details by email for processing manually.

Measurement Sheet		
Project No.	Date	Customer Ref.
00000001	07-07-2016	
Customer	Address	Contact
John Doe	115- Wokeley Street Toronto ON M5J 1K1 Canada	Tel: +14167625299 Other Tel: +1(647)6841903 Email: johndoe@gmail.com
Inform a day prior to delivery		
Item	Details	Image
0001	W1 Living Room Design: Fixed Window with grills Remove grills 0.79 sq.m 3.55 m	 Viewed from Inside Estimated Size, Outside Frame Measurement
0002	D1 Front Door Design: Inward door Material: Mahogany Georgians should align with that of the window on the side 2.82 sq.m 6.93 m	 Viewed from Outside Estimated Size, Outside Frame Measurement

Generated from Windowmaker Measure
www.windowmaker.com/measure

Send details by email for processing manually.



Use different measurement approaches to determine dimension values.

Benefits

- ▶ Replaces the use of paper-based survey forms.
- ▶ Makes the process easier and quicker.
- ▶ Captures much more and accurate details.
- ▶ Dramatically shortens the time required to transfer details to head office.



UK	+44 (0) 20 8390 4931	Chris
Ireland	+44 (0) 28 9035 1188	Richard
North America (English)	+1 (416) 762 5299 +1 (647) 771 7625	Bhairavi
North America (Francophone)	+1 (438) 800 2834	Adingra
Asia	+91 (0) 265 2342716	Pratap
Australia	+61 (0) 3 9773 3966	Dave
France	+33 (0) 18 2882 910	Halim
Germany	+49 (0) 36642 28002	Wolfgang

info@windowmaker.com

www.windowmaker.com