

# Ra Workshop 3.2

Joinery Software for Windows and Doors Design



**P** ram **▲** d  
Software

**Microsoft**  
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ISV/Software Solutions



## Description

**Ra Workshop** is the best **software for windows and doors** industry - from resellers and dealers, to manufacturers and suppliers. Ra Workshop can use **aluminum, vinyl (uPVC) or wood profiles** and is able to compute a great variety of products (**windows, doors, shutters, roller shutters, insect screens, roller insect screens, panels, etc.**). The application is flexible and has a friendly interface that will help you make windows and doors estimations in minutes.

Built on the latest technology, Ra Workshop meets the needs of window & door fabricators regardless of their size - from small to very large businesses. Using Ra Workshop gives your company a real advantage - from increased sales performance to automated production.

Our mission is to make Ra Workshop the best joinery software in the world. Our teams are working every day to add new window and door design features, to add new profile systems, new fittings systems, new joinery systems to our databases and to enhance the computing performance of Ra Workshop. We look forward for you to become our customer and we assure you that we will assist you along the way so that you will have the maximum benefit from the Ra Workshop experience.

Pyramid Software offers a 30 days money back guarantee with no reasons ask. If you're not 100% satisfied for any reason, you can request a refund within 30 days of purchase.

Microsoft Certified Partners are independent companies that can provide you with the highest levels of technical expertise, strategic thinking, and hands-on skills. Microsoft Certified Partners possess a high degree of competence and expertise with Microsoft technologies and their real world perspective can help you prioritize and effectively deliver your solutions.

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Money - Back  
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## RA Workshop Ultra Lite

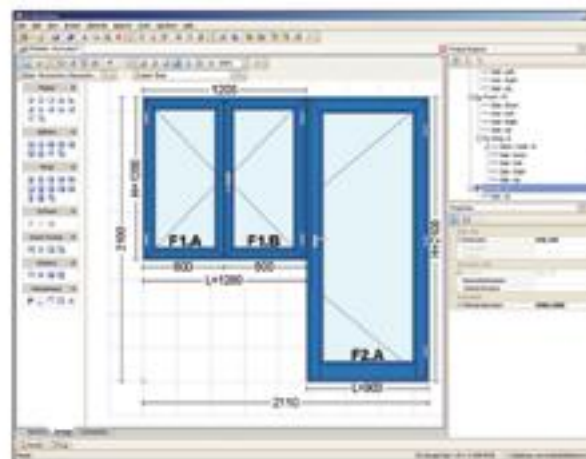
### Overview:

Ra Workshop Ultra Lite is a great tool to design rectangular windows and doors. With this software edition you can create casement windows/doors (side hung windows/doors), tilt and turn windows, awning windows (tilt windows). The window offers can be customized with company logo and contact information, with introduction and closing, with extra costs like: mark up, transportation, assembly. And the best part is that Ra Workshop Ultra Lite is **FREE**.

The corresponding package for production part of the application is Ra Workshop Standard.

### Features:

- Supported material types: PVC, Aluminium, Wood.
- Window and door library
- Window and door design wizzard
- Windows I - Rectangular windows designs
- Door designs
- Mullions I - Vertical and horizontal mullion splittings
- Window Opennings I - Most common window openings designs
- Surface I - Glass / Panel computing
- Insect screen I - Insect screen with price per square meter
- Shutters I - Shutters with price per square meter
- Windows/doors joinings
- Windows and doors client offer
- Offer project type
- Currency managemet
- Customer management
- Users and user groups security



### RECOMMENDATION:

This package is recommended for small companies that sell windows and doors and are looking for a fast and easy way to create offers. This package is also suitable to companies that sell and/or manufacture profile systems and want to help their customers with a window estimating software - leaving further upgrades to them.

# Ra Workshop Lite

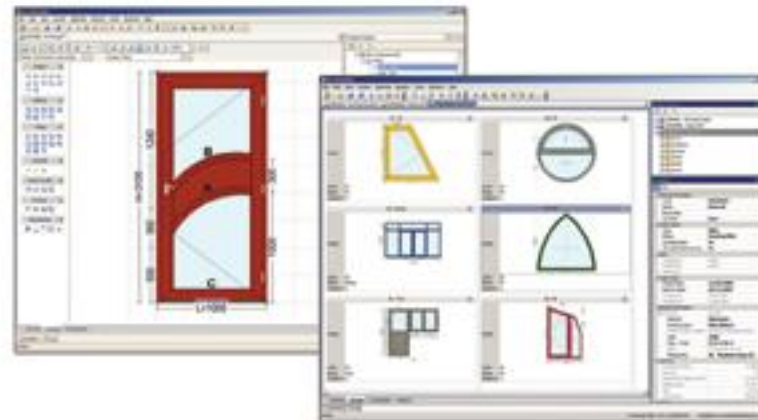
## Overview:

Ra Workshop Lite is window and door quotation software suitable for use by small fabricators. This package is designed to run in showrooms, to help your staff to create windows and doors estimations for your customers. Using Ra Workshop Lite you can create all shape type windows and doors with different openings that may have also insect screens.

The corresponding package for production part of the application is Ra Workshop Professional.

## RECOMMENDATION:

This package is recommended to be used by medium companies in their showrooms. It has all the features required to create all type of windows and doors fast and to generate professional window offers that will increase your sells from day one.



## Features:

- It has all features of Ra Workshop Ultra Lite
- Windows II - Irregular windows designs
- Mullions II - Angled mullion splittings
- Window Opennings II - Special window openings designs
- Insect screen II - Standard insect screen (with hinge)
- Insect screen III - Roller insect screen
- Georgian bars
- Windows and Doors Dealer Offer



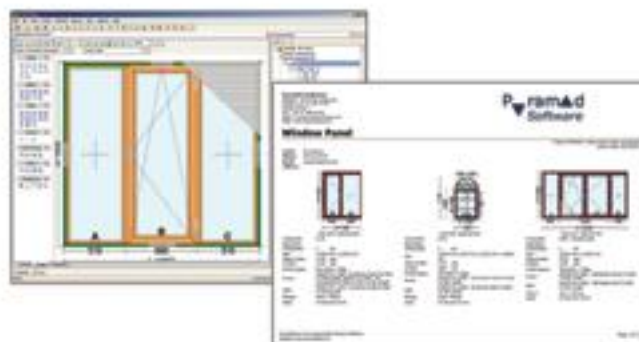


## Ra Workshop Express

### Overview:

Ra Workshop Express is the full quotation software for windows and doors. This package represents our recommendation for all the companies that have to create windows and doors offers. Please remember that Ra Workshop Express was designed to create window offers and not for windows production. If you are interested in software for production please take a look to **Standard, Professional, Advanced Professional** and **Enterprise** editions.

If you are a Dealer – a company that buys joinery already made, with or without glass, and only take care of the delivery and assembly – then Ra Workshop Express is the perfect choice for you. It has all the information that you need to be able to create offers and will increase your sales from day one. We are very proud of the design of our offers and we guarantee that this will reflect on your daily sales.



### Features:

- It has all features of Ra Workshop Lite
- Surface II - Panel profiles computing
- Bill of material editing
- Shutters II - Standard (with hinge) shutters
- Shutters III - Roller shutters
- Optimization I - Offer project optimization
- Window Panel Report
- Glass Panel Report
- Assembly List Report
- Glass Order Report

### RECOMMENDATION:

Ra Workshop Express is highly recommended for companies that only sell windows and doors (also known as Dealers). Because they do not manufacture windows and doors and buy the windows from suppliers they do not need production software. All information that Dealers need (ex: glass cutting quotations report, glass order report) is included in Ra Workshop Express.

# Ra Workshop Standard

## Overview:

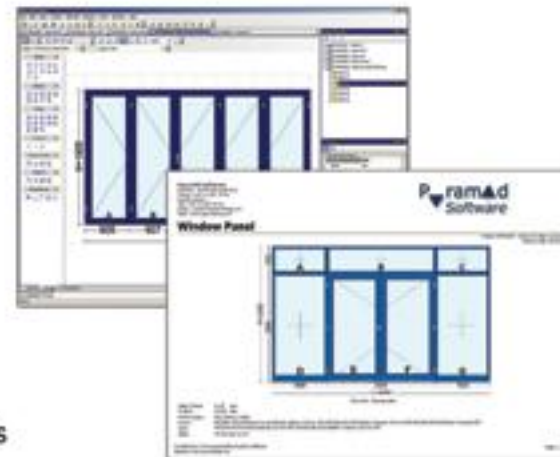
Ra Workshop Standard was designed as a corresponding production edition for Ra Workshop Ultra Lite. It allows you to design only rectangular windows and doors but will generate all the production paper work: profile cuttings, glass cuttings, assembly list, execution plan, order reports, etc. You should take into account that Ra Workshop Standard lacks two important features: irregular shape design and cutting optimization. If you are interested about these features also you should check Professional, Advanced Professional or Enterprise editions. Cutting optimization, though, can be purchased independently, as an Add On.

### RECOMMENDATION:

If you use Ra Workshop Ultra Lite and you are interested in a production software for rectangular windows and doors then Ra Workshop Standard will meet your requirements. Along with the cutting optimization add on you can have a full featured rectangular window production software.

## Features:

- It has all features of Ra Workshop Ultra Lite
- Window Openings II - Special window openings designs
- Mullions II - Angled mullion splittings
- Insect screen II - Standard insect screen (with hinge)
- Insect screen III - Roller insect screen
- Georgian bars
- Bill of material editing
- Optimization I - Offer project optimization
- Reports: Windows and Doors Dealer Offer, Window Panel, Glass Panel, Assembly List, Cutting Quotations, Execution Plan, Labor, Profile Order, Fittings Order, Glass Order, Full Order



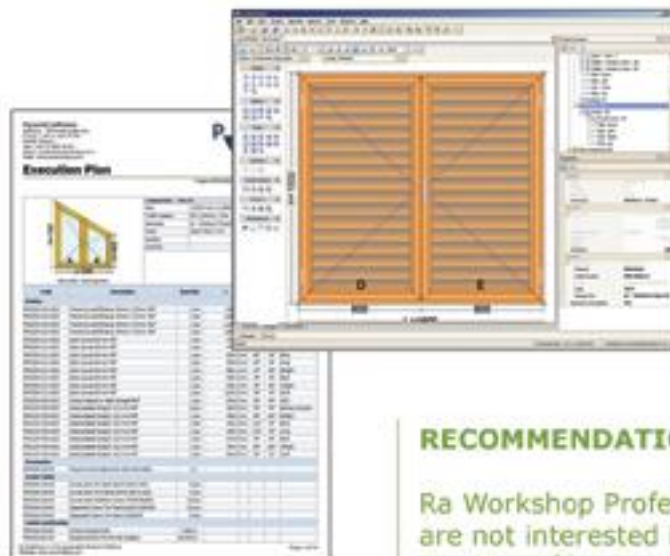


## Ra Workshop Professional

### Overview:

Ra Workshop Professional includes a wide range of standard features capable of growing your business. This edition was designed for medium and large sized fabricators that manufacture a large range of products.

Ra Workshop Professional is a production edition that will help you design and manufacture almost any window or door in the world. For highly complex structures you may need Advanced Professional edition. With Professional edition you will benefit from all the offer reports: client offer, dealer offer and all the production reports: assembly list, cutting quotations, execution plan, labor, order reports.



### Features:

- It has all features of Ra Workshop Standard
- Windows II - Irregular windows designs
- Surface II - Panel profiles computing
- Shutters II - Standard (with hinge) shutters
- Shutters III - Roller shutters

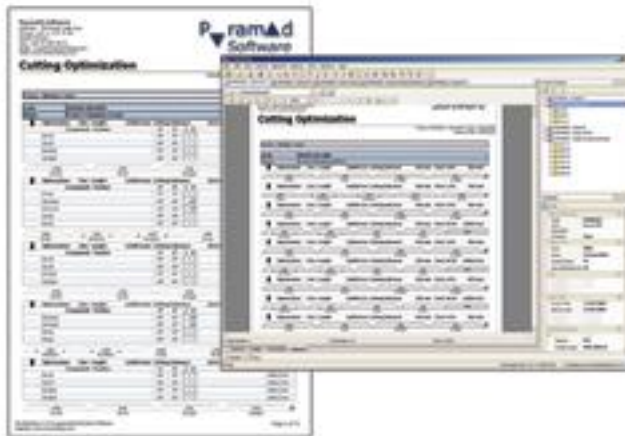
### RECOMMENDATION:

Ra Workshop Professional is a production edition recommended to those that are not interested in cutting optimizations (algorithms that will show you how to cut profiles in order waste less material) and advanced window design (tools that will help you creating complex windows and doors).

# Ra Workshop Advanced Professional

## Overview:

Ra Workshop Advanced Professional is the complete joinery production edition. It allows you to design all types of windows and doors (including custom shapes) and to generate all the reports needed in the production process. The application includes also cutting optimization in order to use your profiles with minimal losses. The production workflow contains offer projects that are sent electronically to the production center. Here the offers are grouped into production projects. The production projects are rechecked and optimized. After that you can generate all the production paper work.



## Features:

- It has all features of Ra Workshop Professional
- Windows III - Custom shaped windows designs
- Optimization II - Profile cutting optimization
- Optimization III - Stock profile cutting optimization
- Cutting Optimization Report

## RECOMMENDATION:

Our recommendation is that any small, medium and large windows and doors fabricator must have at least one Advanced Professional license and several Express (based on individual needs).





## Ra Workshop Enterprise

### Overview:

Large windows and doors fabricators need strong, flexible and scalable software solutions that are able to integrate with other software for process automation. Ra Workshop Enterprise is designed especially for big companies.

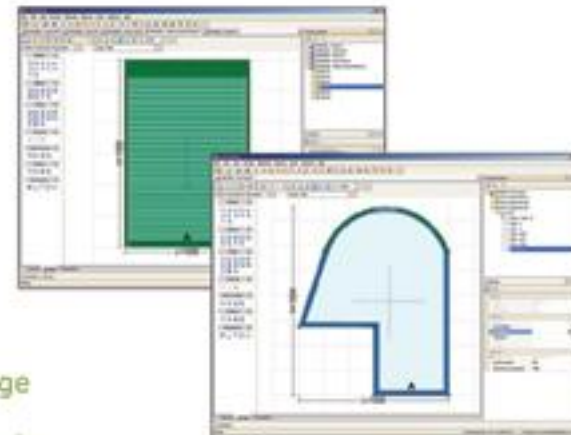
Ra Workshop can run in two different ways desktop and client/server, each way having different functionality and performance characteristics. The desktop editions are classic application that runs on a single personal computer. Everything is installed locally: program files, database server, tools. For example, if you have more licenses and you want to make a change to the database you will have to replicate the change on each computer at the time.

Ra Workshop Enterprise is designed as a three tier application which will increase performance, security and scalability. The Enterprise edition is composed of 3 components:

- **Ra Workshop Server** - windows service applications that manage the connections and the business logic for Ra Workshop.
- **Ra Workshop Database Server** - Microsoft SQL Server provides the highest levels of security, reliability, and scalability for your business-critical applications.
- **Ra Workshop Client** - any editions of Ra Workshop that has an additional connectivity license (Ra Workshop CAL).

### RECOMMENDATION:

We recommend Ra Workshop Enterprise for large and very large windows and doors fabricators that want to automate all production processes for increased productivity.



# Ra Workshop CNC Add-On

**Ra Workshop CNC** is an add-on with which you can generate the necessary data for the machines with numerical command (CNC – Computer Numerical Control). Controlling the machines using Ra Workshop assures an increased working speed and eliminates losses generated by employees that operate the machines.

## What machines can Ra Workshop CNC operate?

Ra Workshop CNC can operate machines for profile cutting, welding and glass processing. The carpentry machines industry doesn't have a standard for CNC machines which means that this add-on needs to be implemented for each provider, at client's request.

The CNC Add-On can work with the following machines:

- CNC - Profile cutting
  - Elumatec: E255/A, E555/1
  - Rotox: ZGS 314
  - Kaban: 1030, 1040 (InfoSys 2.0)
  - Pertici: 500F2K
  - Techna: TK145/10 Gold
- CNC - Profile welding
  - Sturtz: 4HSM\_JC, 4VSM\_JC
- CNC - Glass
  - Optimat

## ADVANTAGES:

The main advantages of the Ra Workshop CNC Add-On are: reducing the working time, eliminating human errors and a better organization inside the company.

## How does Ra Workshop CNC works?

The CNC Add-On for profile cutting is conditioned by the profile cutting optimization. This feature is included only in the Advanced Professional edition. The other CNC Add-On (for welding and glass) can be purchased together with any production version. Ra Workshop Add-On will generate, for each case, one or more files. These are transferred to the machine (through a network, USB ports or a diskette) and the machine starts executing the operations described in the file.





# Facilitati Ra Workshop

	UL	LI	EX	ST	PR	AP	EN
<b>Windows and Doors Design</b>							
Aluminum joinery design	•	•	•	•	•	•	•
uPVC (Vinyl) joinery design	•	•	•	•	•	•	•
Wood joinery design	•	•	•	•	•	•	•
Window and door library	•	•	•	•	•	•	•
Window and door design wizzard	•	•	•	•	•	•	•
Windows I - rectangular windows designs	•	•	•	•	•	•	•
Door designs	•	•	•	•	•	•	•
Mullions I - vertical and horizontal mullion splittings	•	•	•	•	•	•	•
Window Opennings I - side-hung (casement), tilt, tilt-turn and double windows	•	•	•	•	•	•	•
Surface I - glass / Panel computing	•	•	•	•	•	•	•
Insect screen I - insect screen with price per square meter	•	•	•	•	•	•	•
Shutters I - shutters with price per square meter	•	•	•	•	•	•	•
Glass calibration	•	•	•	•	•	•	•
Windows/doors joinings	•	•	•	•	•	•	•
Calculation of extra profiles - extensions, jambs, ledge	•	•	•	•	•	•	•
Windows II - irregular windows designs		•	•	•	•	•	•
Mullions II - angled mullion splittings		•	•	•	•	•	•
Window Opennings II - sliding, versatile, folding, tilt-culisant with lifting		•	•	•	•	•	•

	UL	U	EX	ST	PR	AP	EM
Surface II - Panel profiles computing			•		•	•	•
Insect screen II - Standard insect screen (with hinge)		•	•	•	•	•	•
Insect screen III - Roller insect screen		•	•	•	•	•	•
Georgian bars		•	•	•	•	•	•
Bill of material editing			•	•	•	•	•
Shutters II - Standard (with hinge) shutters			•		•	•	•
Shutters III - Roller shutters			•		•	•	•
Windows III - Custom shaped windows designs						•	•
<b>Cutting Optimization</b>							
Optimization I - Offer project optimization			•	•	•	•	•
Optimization II - Profile cutting optimization						•	•
Optimization III - Stock profile cutting optimization						•	•
<b>Reports</b>							
Windows and Doors Client Offer / Table Offer	•	•	•	•	•	•	•
Windows and Doors Dealer Offer / Table Offer		•	•	•	•	•	•
Window / Glass Panel			•	•	•	•	•
Assembly List			•	•	•	•	•
Cutting Quotations / Execution Plan				•	•	•	•
Labor				•	•	•	•
Profile / Fittings / Full Order				•	•	•	•
Glass Order			•	•	•	•	•
Cutting Optimization						•	•

### Legend

- Ra Workshop Quotation Edition - designed for showroom
- Ra Workshop Production Edition - designed for factory
- Ra Workshop Enterprise Edition - designed for large factories
- Feature included in edition





## Services

In order to face today's challenges in industry your company doesn't only need a performant software solution. Best quality and prompt services are a must. In order to meet all our clients requests we come with a series of support options.

### Online Tutorials

In order to make it easier for you to learn Ra Workshop we have made online demos and presentations. If you are new visitor and want to know how Ra Workshop works feel free to take a look.

<http://www.raworkshop.com/Online-Tutorials.aspx>

### Community Forum

All Ra Workshop community is ready to help you. Even if we can't guarantee answers to all questions posted on our forum we will try to answer to all the topics. For guaranteed assistance please contact our support staff.

<http://forum.raworkshop.com>

### Support Plans

Support plans are your guarantee that you will continue to receive priority support after your 30 days free support period. Customers with a valid Software Assurance plan are also entitled to all new product updates.

<http://www.raworkshop.com/Support-Plans.aspx>

### Training

We do our best to make Ra Workshop as user friendly as we can. We always deliver the software with full documentation. In order to fully support our customers we offer both online and onsite training sessions covering all the features of Ra Workshop.

<http://www.raworkshop.com/Training.aspx>

### Documentation

Our documentation is the first place to look for information and assistance when working with our products. If the documentation cannot answer your questions please contact us.

<http://www.raworkshop.com/Documentation.aspx>

### Support Services

We offer a range of support services from remote support to one time support incident. Whether you want to reinstall the application or you need some info on how to use a certain feature, or simply need our opinion on how to define your database, our support team is here to help you.

<http://www.raworkshop.com/Support-Services.aspx>

**Pyramid Software**

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