

# Safety Automation Builder with Risk Assessment Software Win (RASWin)

Delivering Complete Safety Solutions while Streamlining Development, Improving Compliance and Reducing Cost

## Features and Benefits

Safety Automation Builder\* with RASWin\* provides you with consistent, documented safety solutions that offer excellent reliability while reducing the time and costs to develop your solution.

RASWin software helps you manage your progression through the safety lifecycle:

- Organizes information from each step of the process and machinery validation
- Links the steps of the safety lifecycle to avoid systematic failures
- Offers two methods of analysis – task or hazard assessment
- Offers a guide to corrective measures in accordance with ISO standards
- Safety function specifications, Performance Level requirements (PLr) assignment and PLr calculation
- Safety circuit validation tool
- Project management system

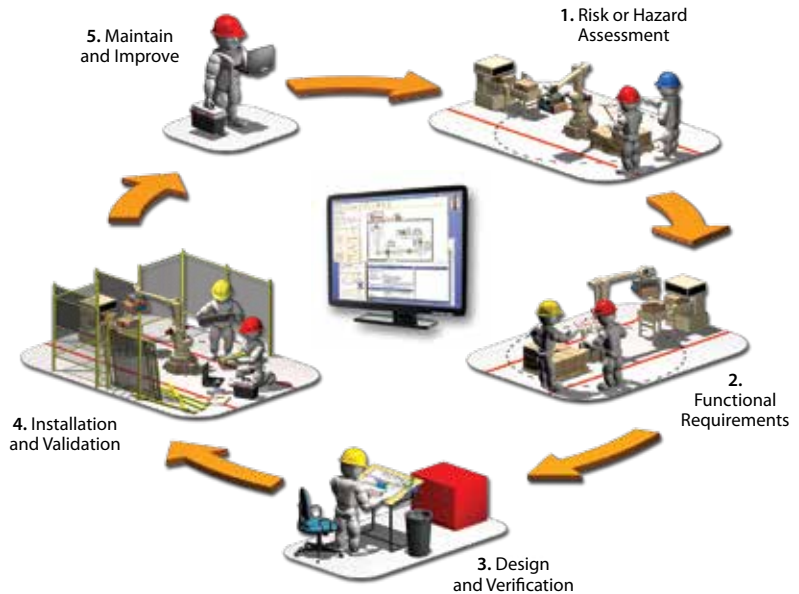
Facilitating the safety system design process, Safety Automation Builder helps you select products to achieve the required safety performance level (PL) according to global standard ISO 13849-1, and create SISTEMA projects for analysis of all safety functions.

Use Safety Automation Builder to:

- Layout machine hazards and access points
- Define safety functions
- Select safety rated products
- Export data to SISTEMA for evaluation†
- Create conceptual safety layout drawings

\*Patent pending

†Safety Automation Builder and SISTEMA tools must be used



Engineers no longer need endure the time-consuming process of manually designing and documenting safety systems, often introducing human error, inconsistency, and reducing compliance with accepted standards.

For manufacturers and machine builders interested in producing safer and more productive machines in less time, Safety Automation Builder with RASWin tool provides the means to consistently manage the entire safety lifecycle including risk assessment, functional requirements, safety system design, verification and validation.

Safety Automation Builder and RASWin simplify this process with a powerful, yet intuitive user interface that helps you save time and gain confidence while managing the safety lifecycle, verifying that a safety system meets all requirements, and consistently documenting processes to help maintain compliance.

Leveraging the industry's most complete offering of safety products, the Safety Automation Builder with RASWin tool utilizes widely accepted best practices to build a complete safety solution. With simulation of application development – including hard guarding, input/output devices, control systems and connectivity – the tool helps you develop the most effective and productive safety solutions.

Unlike other machinery safety development tools, Safety Automation Builder and RASWin help you design your safety automation system from concept to the bill of materials needed to bring your system to completion including safety performance level, and verification/validation documentation.

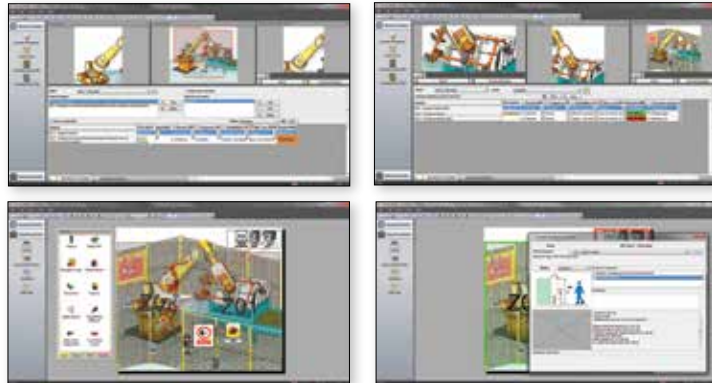
LISTEN.  
THINK.  
SOLVE.

## A RASWin subscription includes:

- Option for one- or three-year subscription use of RASWin software/tool. Three subscription levels are offered:
  - Basic (up to 5 safety functions)
  - Advanced (up to 15 safety functions)
  - Professional (unlimited safety functions)
- Unlimited phone support access for installation, operation and use of RASWin
- Access to phone support from 8am-5pm, Monday-Friday, non-holiday, local time zone
- Optional tailored block of time for safety consultancy from one of our specialists

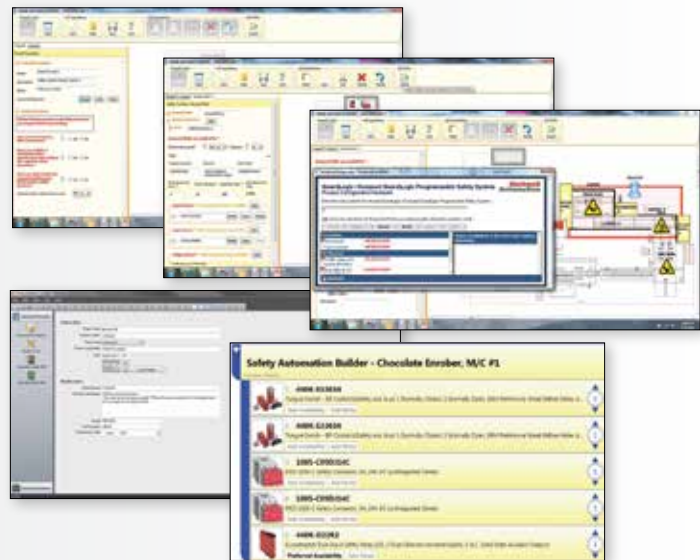
## RASWin Features

- Define hazard areas
- Corrective measures based on ISO standards – guided solutions
- Risk-analysis module in accordance with ISO 12100 and ISO TR 22100-2
- PL calculation module
- Safety requirements specifications
- Validation
- Safety project management



## Safety Automation Builder Features

- Import machinery drawings for use in the design process
- Create zones, control panels, and hazards
- Identify guarding locations and access points
- Select safety-rated hardware including input, logic, and output devices to help maintain compliance and performance level
- Design verification
- Creation of SISTEMA export files
- Concise reporting
- Bill of materials generation



To download Safety Automation Builder and RASWin, please visit us at: <http://www.rockwellautomation.com/global/support/configuration.page>

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