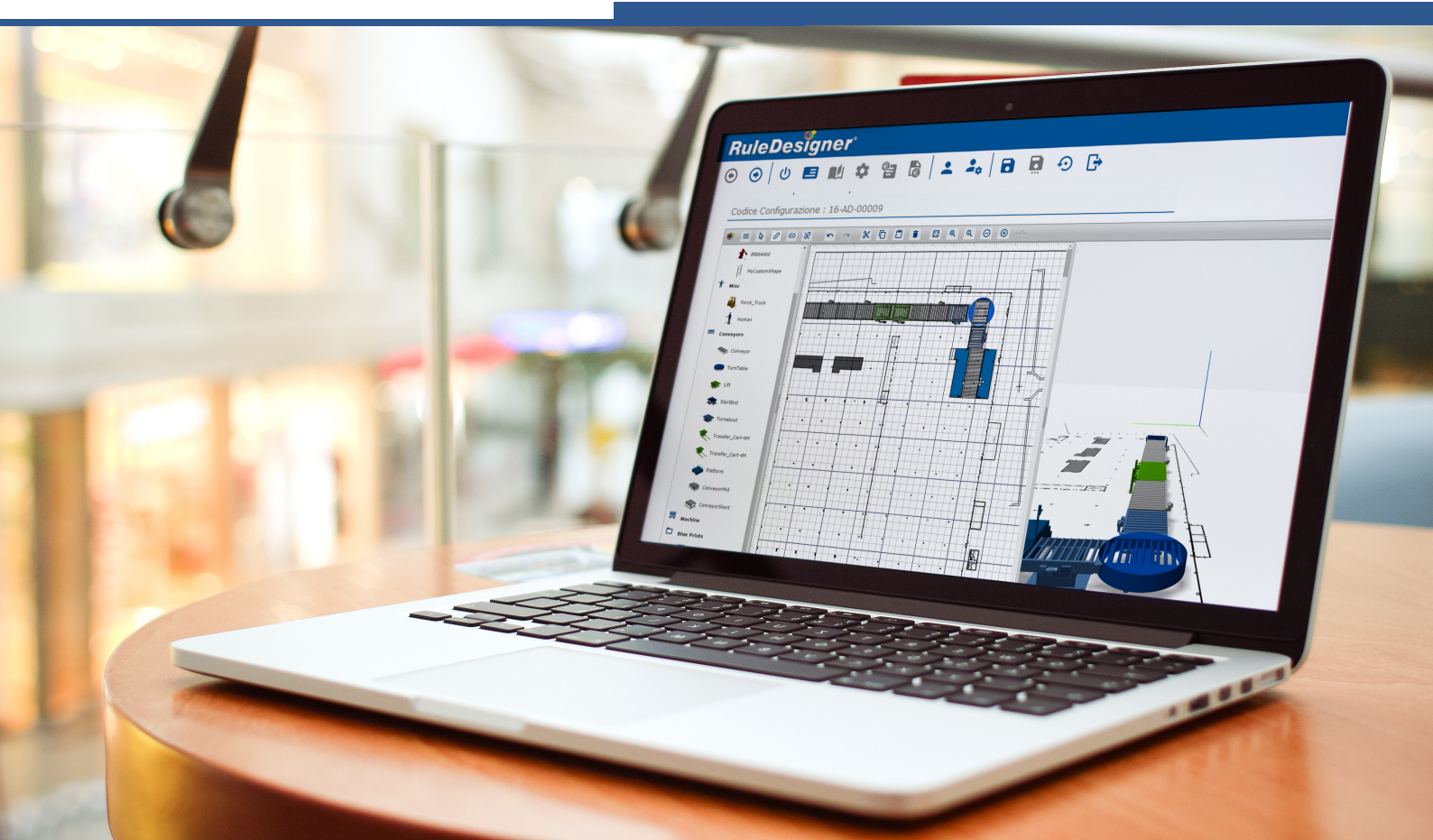




RuleDesigner[®]

Configurator



The sole solution

that can be applied to any corporate process

RuleDesigner® Configurator is a product and process configurator supporting the technical office, the sales department and all enterprise processes. According to a rule-driven approach, it allows to describe rules for process configuration and automation. It is a flexible and cross-functional tool aimed at achieving the highest efficiency level along the entire PLM process.

1 Configuring processes according to a rule-based approach

RuleDesigner® Configurator is provided with an intuitive editor for defining rules and constraints of a configuration process. The configuration process can be defined in a visual way by combining the wide set of library-actions ready to drive external applications and by defining rules for the process running. Thanks to a wizard it is possible to create new library actions able to drive external applications. This way actions can be used again to run any configuration processes.

2 Running configurations quickly and easily

Configuration processes can be run both locally and in remote mode by using the browser from any pc or tablet. The web-based architecture supports the activities carried out by several users inside and outside the company. Moreover, the user interface based on a step by step and rule-driven paradigm makes it possible for customers and salesmen to use the configurator. Configuration processes can even be run locally and offline. Later on, all data generated can be synchronized with RuleDesigner® Enterprise platform.

Product configurator

Design Automation

Integration with 2D and 3D CAD systems

RuleDesigner® Configurator makes it possible to automate design processes of highly customized products, thus enabling designers to spend more time on the improvement or the development of new projects. Design Automation tool can be applied in those companies whose production approach is Engineer to Order (ETO), Make to Order (MTO), Assemble to order (ATO) or Configure to order (CTO). This way they can automate the design procedure of customized products obtaining 3D models, assemblies, drawings and 2D drafts, processing cycles and all related documents.

RuleDesigner®Configurator can drive several CAD systems through actions ready to be run in systems like NX, Solid Edge, SolidWorks, Inventor, Catia, CREO, ProE, ThinkDesign, AutoCAD and Me10.

Configuration of 2D and 3D industrial layouts

Graphical Studio

RuleDesigner® Graphical Studio is the easiest, fastest and most powerful solution to create 2D and 3D complete production lines and layouts only using the browser. It is possible to manage the product catalogs by importing images, svg vectors, dwg files, STL or native CAD files to be reused during layouts configuration processes.

Configuration process enables to create production layouts by placing the objects available in the library both on 2D and 3D areas with the possibility to interact in both of them to make personalizations.

Creating multi-level BOMs and different reports

Action library operating on BOMs

Thanks to the configurator it is possible to automatically generate multi-level BOMs and customized BOMs in xml, html, xls and csv formats, storing data directly in specific company applications or in RuleDesigner® PDM environment. Different types of BOMs can be created according to their purpose.

Automatic part-numbering, classification and storage in PDM environment

Integration with PDM environment

Integrations with PDM environment allow to extend the level of automation to the management of PDM data, from part-numbering and classification, CAD links renaming and updating procedures, storage to sharing and retrieval of PDM data.

Sales offer configuration

Generation of quotations

Synchronization with external sources: Databases, RuleDesigner® Enterprise, ERP, CRM

RuleDesigner® Configurator can be also applied to the sales department in order to support salesmen, sales partners or customers defining the right quotation for personalized products.

Thanks to the configurator it is possible to reduce the Lead Time. This way there is no need of interventions or revisions by the technical office.

RuleDesigner® Configurator is able to map configuration rules for all possible product versions, different pricelists or discounts and it makes possible to define the product BOM with quotation.

Through the sales configuration process it is possible to obtain quotations and offers together with multi-language technical descriptions, images, related products or accessories.

Generation of documents

Integration with Microsoft Office Suite and Adobe Indesign

Configurator processes can be run also to automatically generate technical sheets, manuals, instructions, catalogs or pricelists, storing them in a homogeneous and integrated repository.

RuleDesigner® Configurator can create documents in different formats (Microsoft Office and Adobe Indesign suite, pdf and html).

Automation of approval workflows

Integration with RuleDesigner® platform

All quotations and sales offers generated can be entirely managed with RuleDesigner® Enterprise that is provided with a CRM tool and an integrated module for managing documents.

This integration makes it possible to check on the progress status of sales opportunities, to plan activities, to store documents and to manage approval workflows until the order fulfillment.

Sharing and distribution

Integration with RuleDesigner® platform

There are several ways to send offers to customers. From the simplest ones (for example e-mails) to more structured ones, such as RuleDesigner® Enterprise platform that enables to publish offers on information panels accessible with customized accounts.

Each customer can consult offers and confirm orders from the same web environment, thus verifying the status of the order fulfillment.

Automation at an enterprise level

Configuration processes extended to RuleDesigner[®] enterprise platform.

RuleDesigner[®] Configurator is natively integrated with RuleDesigner[®] Enterprise platform, a technology for the management of CRM and PLM collaborative processes. Each function of RuleDesigner[®] Enterprise platform can be driven, thus making it possible to automate and configure processes in support of the entire company.

RuleDesigner[®] is the only solution able to combine processes of product development with the management of business relationships in a coherent and interconnected way, just like in business life. RuleDesigner[®] is appropriate for each context because it is integrated with the most common 2D and 3D CAD systems, with Office tools and can interact with external applications already implemented in the company. Moreover, there is even the possibility to synchronize data with every kind of system, also through Web Services. The company can benefit from the use of a solution that can be extended to all business processes.

Benefits

across the extended enterprise

Maximizing the return on IT applications investments

RuleDesigner® Configurator, thought as a framework for knowledge management, sets rules that drive tools and applications.

Thanks to both a wide set of library-actions and tools for process automations, it is possible to drive applications, thus automatically and quickly achieving the wished outputs.

Gaining competitive advantage thanks to a continuous innovation

RuleDesigner® Configurator allows to allocate resources once assigned to operating activities to higher value-added tasks. This way it encourages the creation of new know-how in favor of innovation processes. Moreover, by using the same resources it is possible to gain more competitiveness.

More efficiency through the best interaction processes

RuleDesigner® Configurator supports sharing processes among different company departments by distributing information and data in the right format, thus favoring workflows progress. Integrations and automation allow the synchronization of data between different systems, making data available to the right users in real time.

More efficiency thanks to Lead Time reduction

Configuration processes allow to achieve the highest efficiency along business processes reducing Lead Times. With RuleDesigner® Configurator the design office can reduce the time spent in technical consultations and in feasibility evaluations during the offer phases. Moreover, the Configurator can dramatically affect time used to design customized products by benefiting from the automatic generation of 3D models, assemblies, drawing and 2D drafts, BOMs, charts, technical documents and processing cycles. While collecting information about the customer needs, salesmen can verify in real time the feasibility of the configuration demanded and get quotations with all related documentation.

Capitalization of corporate know-how

RuleDesigner® Configurator process library is an important repository for corporate knowledge. As a matter of fact, the company sets a list of process rules within this repository. RuleDesigner® is provided with tools that make possible to independently update configuration processes, thus introducing logics for a continuous improvement and implementing business best practices. Creating a structured and centralized corporate knowledge means preventing a corporate knowledge-loss (for example, if someone leaves the company).


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