Performance Description

Contents: Rittal ePOCKET
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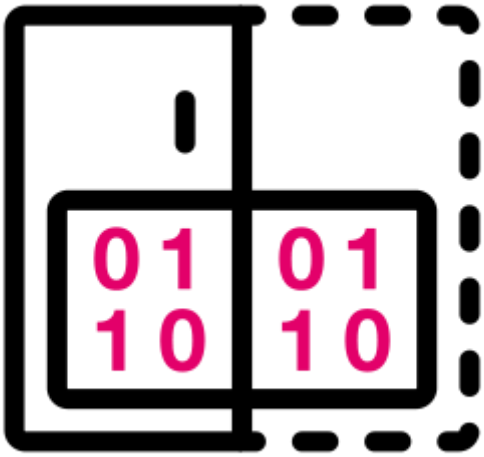

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Introduction

Complex made simple – the guiding principle that makes Eplan and Rittal perfect partners for you. Our solutions speed up your processes and boost your productivity. We optimise and streamline your value chain at every stage in the process – from engineering, sourcing and manufacturing through to operations and IT. We enable you to emerge as a winner from the industrial transformation towards the new Industry 4.0 standard

Our aim is to have already developed the solutions our customers will need in the future and to have them ready and waiting.

Together, Rittal and Eplan are your partners for the future.

Because our thinking is in sync with your processes.

RITTAL – The System

Innovative strength has been woven into the Rittal DNA since its foundation. In 1961, Rudolf Loh Elektrogerätebau was founded in Rittershausen by the entrepreneur Rudolf Loh, with one simple guiding principle: “Enclosures off the shelf, immediately.” In its founding year it launched the world’s first standard enclosure on the market. In 1969, the company was renamed Rittal, in honour of its roots in Rittershausen in Dietzhölztal. Within just a few years, Rittal enclosures had become established as a global standard, and have remained so to this day.

EPLAN – Efficient Engineering

EPLAN offers Engineering software and service in the fields of electrical engineering, automation and mechatronics. The company develops one of the world's leading software solutions for engineering, plant engineering and enclosure design. EPLAN is also the ideal partner for simplifying challenging engineering processes.

Standardized and individual ERP and PLM/PDM interfaces ensure consistent data along the entire value chain. Working with EPLAN means unrestricted communication across all engineering disciplines. Whether small or large companies: Customers can use their expertise more efficiently. EPLAN aims to keep growing with its customers and partners and furthers integration and automation in engineering. "Efficient Engineering" is our motto.

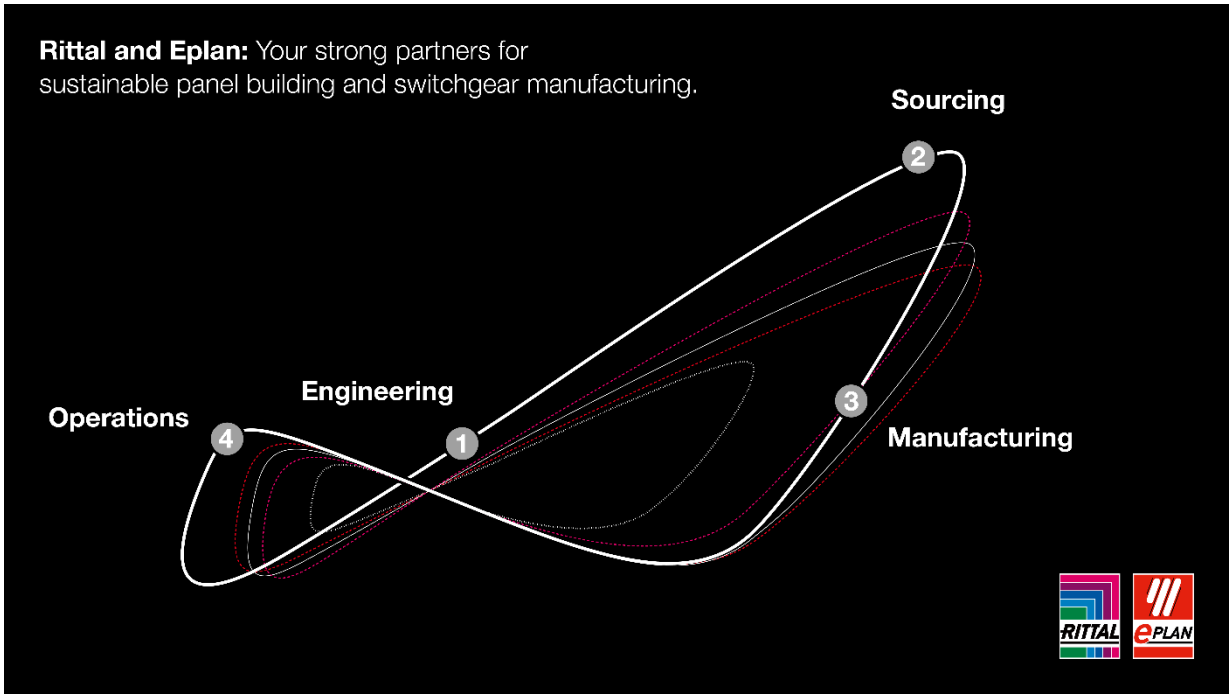
EPLAN was founded in 1984 and is part of the Friedhelm Loh Group.

The Integrated Value Chain - Joining forces to add value

Considering the entire process is a winning strategy.

Rittal and Eplan use combined software solutions, system technology and machinery for automation. Only switchgear manufacturers who offer digitalization and end-to-end data across all processes and systems will survive in the future. Together, Rittal and Eplan are at your side with their combined know-how and perfectly coordinated solutions – from engineering and sourcing through to manufacturing and operations.

Your added value: End-to-end data is the real success factor, saving time and money in your value creation process, preventing errors and leading to a lasting improvement in productivity. At the heart of all this is the digital twin of the actual product, which links all process steps – from electrical engineering through to service operations. Products from Rittal and Eplan provide comprehensive support at every stage of the entire process – from engineering, sourcing and manufacturing through to operations and IT. They enable you to reap the rewards of successfully completing the transformation to Industry 4.0.



1 - Engineering

The key to greater productivity in enclosure manufacturing lies in digital integration and end-to-end data transfer throughout the entire value chain. Digital prototyping from the outset, with the digital twin taking centre stage, provides the basis for rapid links across processes and systems.

2 - Sourcing

Never has it been easier to configure and order your perfect product and get it delivered in no time at all. Our configuration and online shop solutions are closely interlinked with digitally integrated production at the new Rittal plant. Your company's own value chain will also benefit from end-to-end data during the sourcing process and beyond.

3 - Manufacturing

Benefit from the fully automated machinery and innovative automation solutions of Rittal and Rittal Automation Systems in your manufacturing operations. The digital twin from the engineering stage courtesy of Eplan serves as a virtual prototype and a central database throughout the production process.

4 - Operations

After commissioning, machines and systems must ensure reliable long-term operation as the key to efficient, high-performance production. Here, too, Eplan and Rittal are at your side with innovative solutions.

EPLAN Cloud Environment

The EPLAN Cloud connects data, projects, disciplines and engineers worldwide in an open and cloud-based way. The EPLAN Cloud extends the EPLAN Platform with perfectly tailored cloud services. EPLAN technology ensures that your company remains competitive and future-proof during the digital transformation. The EPLAN Cloud portfolio is constantly being developed and extended.

EPLAN eVIEW Free

EPLAN eVIEW Free lets you implement engineering review processes digitally. This free software allows structured collaboration with co-workers, customers and service providers. It enables you to view and comment on changes to a project through redlining workflows by using a browser and irrespective of your location.

EPLAN eBUILD Free

New methodology for your engineering process: With EPLAN eBUILD Free you have the possibility to compile schematics from template libraries with a few clicks. Registered users have this application automatically available as a free service. eBUILD Free offers you predefined libraries and a configurator that allows you to create parts of schematic projects in EPLAN practically at the click of a button.

EPLAN eBUILD

With EPLAN eBUILD you create your own template libraries which can be reused by employees and colleagues within the EPLAN Cloud environment. This

way you can automatically create schematics in EPLAN across the company. eBUILD is composed of two functional areas which are available to you completely in the full version: In Designer experienced users create their own template libraries on the basis of the EPLAN macro technology. In Project Builder they can then be used repeatedly at any time to compile elements of schematics which are frequently used in day-to-day work with a few clicks.

EPLAN Data Portal

With the EPLAN Data Portal you have direct online access to high-quality product catalogs from a continuously growing pool of notable component manufacturers. All the solutions anchored in the EPLAN platform access this Web service equally. Simple transfer of the offered components into the EPLAN documentation reduces the required configuration work and increases the quality of the machine and plant documentation. With its Data Standard based on ECLASS Advanced, EPLAN Data Portal provides a systematic framework for device attributes.

EPLAN eMANAGE Free

EPLAN eMANAGE Free is your Cloud application for collaborations across all your projects and locations with colleagues, partners, suppliers and clients. eMANAGE enables you to share EPLAN projects with selected project partners across all teams and across the company in a protected Cloud environment. The solution enables simple uploading of projects from the EPLAN Platform or via web browser.

EPLAN eMANAGE

Beyond the functions of the free version, the full version of EPLAN eMANAGE offers you practical, functional extensions as well as additional storage for your data. Share project data via eMANAGE at an extended scope - with familiar access control and the same ease of use. Make your master data available with eMANAGE from the EPLAN Platform 2022 and thus make their usage easier for other users. With a click you make current EPLAN projects available in earlier Platform versions as well. This way you allow project partners who do not yet use the current EPLAN version access to the project data you provided in the Cloud.

Note:

The properties and functionalities specified in this performance description are based on the maximum scope of performance of the product including all extension modules, Elements and Add-Ons. Extension modules, Elements and add-ons are available optionally and separately and as rule cost an additional fee. For further details of the available product variants please refer to the “Licensing Overview” chapter.

Rittal ePOCKET –Wiring plan pocket rethought

With the digital wiring plan pocket "Rittal ePOCKET", your plant and machine documentation is always up to date and available directly from any device, anytime, anywhere. This speeds up your processes along the entire value chain and saves you time and money.

Your added values in the engineering process

- Provision of machine documentation through completely digital process flow
- Fast change management through integrated EPLAN eVIEW workflow
- Cost and time savings in the preparation of documentation
- Reduction of the carbon footprint
- Constant up-to-dateness of the data in the control cabinet pocket for all project participants
- Changes cannot be lost due to transparent change tracking and automatic notification

Your added values in the maintenance and service process

- Time saving in maintenance and repair cases due to fast retrievability of information / fast troubleshooting due to fast localisation of the right control cabinet on site
- Reduction of plant downtimes and thus reduction of maintenance costs
- Reduction of the risk of errors due to incorrect documentation
- Reduction of fire risk (no paper inside the control cabinet)
- Constant up-to-dateness of the data in the circuit diagram pocket for all those involved in the project
- Permanent tracking by maintenance engineer and maintenance technician possible

Software Approvals

Rittal ePOCKET is a Cloud application and is optimized for the browsers Google Chrome, Mozilla Firefox as well as Microsoft Edge. Visual, technical restrictions or errors might occur when using a different browser.

Licensing Overview

Rittal ePOCKET can be used in connection with the listed products of the EPLAN Cloud:

- EPLAN eView Free
- EPLAN eManage Free
- EPLAN eManage

Functions selected and identified in the following overview require the usage of the EPLAN Cloud Environment.

Errors and changes reserved.

✓ standard functionality O Optional

Features	Rittal ePOCKET
Creation and management of folder structures with tree view	✓
Data uploading, saving and downloading of EPLAN projects (*.zw1)	✓
Data uploading, saving and downloading of documents in common file formats	✓
Role management	✓
Filter and search functions	✓
Providing EPLAN projects for EPLAN eView	✓
Uploading of complete control cabinet pockets (*.zip)	✓
Scanning of Rittal QR-Codes	✓

Prerequisites

Plant or machine documentations can only be uploaded, viewed and used within Rittal ePOCKET in conjunction with qualified Rittal enclosures with a Rittal QR code. The activation of a system or machine project within Rittal ePOCKET can only be carried out using the Rittal QR code of the respective digital type plate of the enclosure.

Standard scope of delivery

The Rittal ePOCKET is activated using the relevant Rittal QR code of a qualified Rittal enclosure. The scope of the functions is based on the Licensing Overview in this performance description.

The Rittal ePOCKET is limited to a maximum storage of 1 GB per activated system or machine documentation.

Exclusion of liability

Project data of the EPLAN Platform and the associated products EPLAN Electric P8, EPLAN Fluid, EPLAN Pro Panel and EPLAN Preplanning are saved in an "EPLAN project". Each software version of the EPLAN Platform and the associated products have a version-specific format in which the EPLAN projects are saved. The EPLAN project is the standard for further processing of the project data in the EPLAN Platform. If you do not have a compelling reason to use the EPLAN project in the format of an older EPLAN Platform version, EPLAN generally recommends to use the current EPLAN Platform version and thus the current EPLAN project format. By saving the EPLAN project in the format of an older EPLAN Platform version, the display and functionality of the saved EPLAN objects is normally obtained in the format of an older EPLAN Platform version. There are restrictions, however. Some objects and the associated data can be displayed differently, can be distorted or get lost when saving an EPLAN project in the format of an older EPLAN Platform version. Data that gets lost or is distorted when saving an EPLAN project in the format of an older EPLAN Platform version is not restored or corrected when reading the project into a more recent software version of the EPLAN Platform. EPLAN does not assume any liability that an EPLAN project which was saved in the format of a different EPLAN Platform version is identical in content with the original project.