

CAN YOU COMBINE PROCESS  
EFFICIENCY AND FLEXIBILITY?

# WHY NOT?

**SAP PLM Foundation  
Ready-to-Grow**

**cenit**



## FASTER. HIGHER. FURTHER.

Staying competitive in today's global village means constantly addressing new business challenges as change happens hard and fast. Reducing costs, boosting quality, expanding product variety, shortening cycle times, producing down to lot size 1 – is it even possible to do it all?

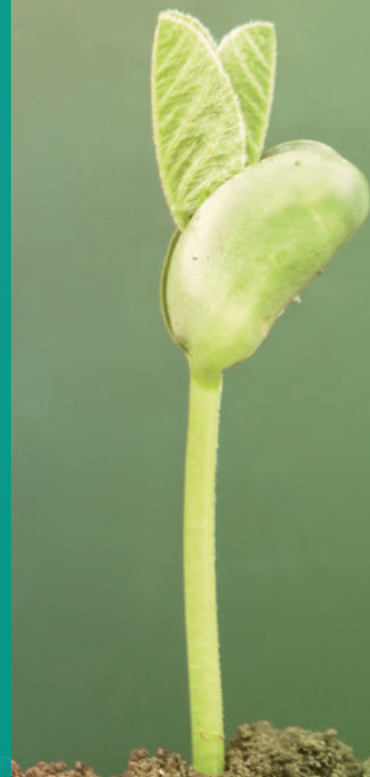
Digitization brings tougher competition, but it also offers new opportunities. Increasing process efficiency and flexibility at the same time sounds like a paradox, but all it requires is the right combination of standardization and creative freedom. Introducing new technology is effective only when it comes in tandem with process optimization – and that's why we have created the SAP PLM Foundation, a ready-wrapped package consisting of a PLM solution and our tried and tested methodologies.

## WHY SAP PLM FOUNDATION?

With the SAP PLM Foundation, we not only “export” your engineering to SAP, we also connect your engineering to your upstream and downstream enterprise processes. Companies that rely on SAP as a business solution can leverage the SAP PLM Foundation to integrate their engineering processes with their product development process – seamlessly.

Our decades of experience with designing PLM solutions for the manufacturing industry give you a flying start into this new world, because we have built our expertise into the system configuration. The package supports typical engineering processes via templates; introduction is based on rapid availability of a usable system and agile project methods.

This makes the overall project calculable in terms of results, duration and cost framework. To keep introduction as risk-free as possible, we offer the SAP PLM Foundation at a fixed price.



# SAP PLM FOUNDATION

## INTEGRATION

Product developers and engineers rely on specialized authoring systems such as CAD applications. Connecting these author systems and managing the generated engineering data efficiently in SAP is the core objective of the SAP PLM Foundation. Seamless integration of engineering and product development processes enables shorter overall throughput. Meshing technical and commercial data and/or processes within an end2end platform provides the basis for flexible reactions to individual client requirements and thus strengthens customer loyalty.

## PROCESS MANAGEMENT

Configurable components automate the handling of SAP objects within the context of typical process steps, e.g. the release of engineering data, and they increase flexibility via process control. The system addresses simple data evaluation tasks as easily as it does complex structural validation. It also frees users from non value-adding duties and enhances process security.

## COLLABORATION

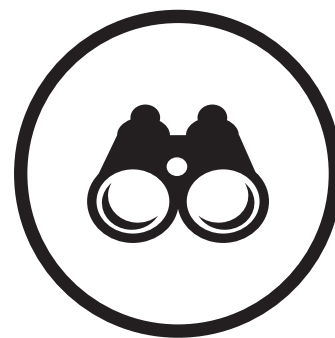
The SAP PLM Foundation comes with end2end process scenarios that support cross-enterprise collaboration in product development. With the SAP PLM Foundation, complex processes involved in CAD assembly data exchanges run in the background. Therefore, companies that previously had to rely on data exchange administrators can now leave the simple collaboration functions to the actual users.

## HOW DOES THE SAP PLM FOUNDATION BENEFIT YOU?



### PROCESS EFFICIENCY AND FLEXIBILITY

The SAP Engineering Control Center (ECTR) is the comfortable working environment for your engineers which enables interdisciplinary integration of all relevant authoring tools. Simultaneously, the SAP ECTR acts as “intelligent glasses” into SAP, allowing all users who work with product data to use technical data for their tasks.



### LONG-TERM SECURITY

ECTR is your future-proof SAP engineering platform. Even if you only implement SAP ECTR as part of an existing ERP Business Suite, you have already taken a decisive step towards SAP S/4HANA, because a later switch to S/4 only requires minor customization in SAP ECTR.

## VISUALIZATION & CONVERSION

The number of potential users of documents in the context of other SAP objects is far greater than the number of document authors in SAP. To make technical documents such as CAD models usable e.g. for purchasing and production processes, a process-driven function converts them to neutral 2D/3D formats, saves them in SAP and links them to the relevant SAP objects. Individual components or entire assembly groups are visualized via neutral 3D formats and thus made easily accessible. SAP users can view the product without needing to rely on CAD authoring systems, giving them a far superior decision-making basis in their work.

## MIGRATION

Our tried and proven migration methodology supports efficient planning and minimal-risk execution of data migration to SAP. Together with our client, we develop a migration strategy for the specific scenario at hand – e.g. a “big bang” or temporary parallel operation. The migration process itself is supported by process components. Monitoring and reporting functions provide transparency on the progress of the migration and on the quality of the migrated data.

## MONITORING & REPORTING

Decision-makers need good information to make good decisions. Transparency about the processes in the company is the un-  
visible basis for fast and secure decisions. The SAP PLM Foundation forms the data basis for the engineering processes in SAP and creates the transparency required for the efficient control of business processes with monitoring and reporting functions. Process weaknesses become visible and can be eliminated consistently through measures. The effectiveness of the measures can be continuously monitored and thus enables fine-tuning during implementation.



### RISK MINIMIZATION

A critical aspect of any system introduction is the substitution of currently running systems and the migration of existing data. For many scenarios, we offer SAP PLM Foundation packages for process-driven data migration, wherever possible at fixed prices.

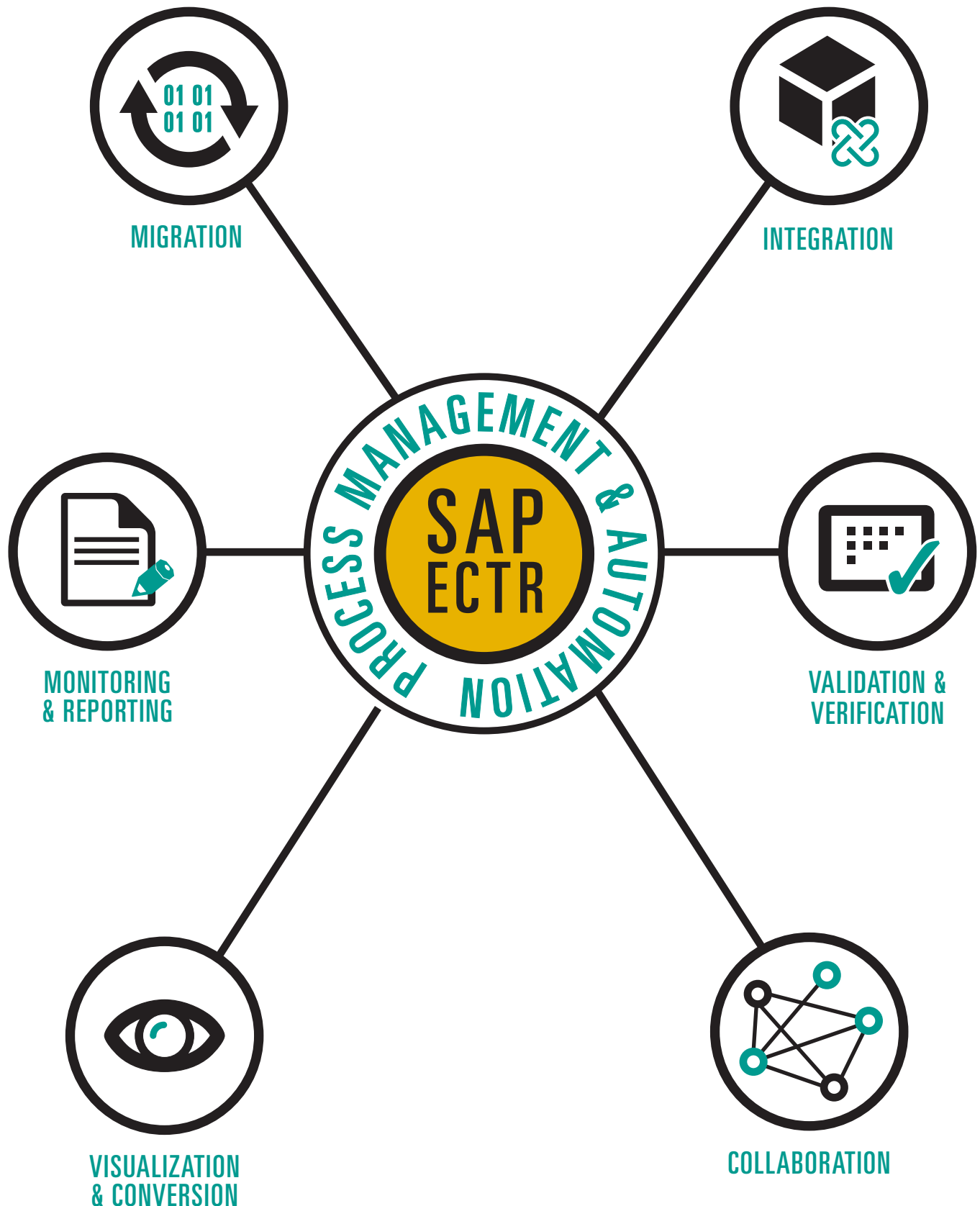


### USER ACCEPTANCE

The degree to which new solutions are accepted depends largely on actual user experience with the new system. This makes problem-free operation a core objective. That's why project support by an experienced team during the transitional phase is a core component of the SAP PLM Foundation concept.

# SAP PLM FOUNDATION

YOUR ALL-ROUND PACKAGE FOR EFFICIENT AND FLEXIBLE ORGANIZATION OF ENGINEERING PROCESSES AS A CORE COMPONENT OF THE PRODUCT DEVELOPMENT PROCESS.



CENIT is your partner for successful digital transformation. With a broad solutions and services portfolio, CENIT enables clients to optimize their horizontal and vertical business processes. Our solutions are based on innovative technologies in: product lifecycle management, the digital factory and enterprise information management. With interdisciplinary knowledge of the processes involved and their considerable expertise in the field, CENIT consultants provide customers with end-to-end advice to ensure that solutions are implemented with an understanding of the entire value chain.

With a holistic approach and based on trusted partnerships, CENIT takes responsibility for solutions on behalf of our clients. From the initial consultation to the introduction of innovative IT solutions, right through to ensuring a cost-effective operation. The CENIT team adapts to each client, taking a practical approach, which enables measurable operational optimizations.

CENIT has been helping prestigious customers in key industries to gain competitive advantages for over 30 years. CENIT has over 800 employees worldwide who work with customers from: automotive, aerospace, industrial equipment, tool and mold manufacturing, financial services, and trade and consumer products industries.

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