

Service Summary
SAP Model Company for R&D/Engineering and Sustainability 3.0

SAP® Model Company for R&D/Engineering and Sustainability

The SAP® Model Company for R&D/Engineering and Sustainability service offers a ready-to-run, comprehensive reference solution for complete management of the product lifecycle, portfolio, and project along with support for environment, health, and safety processes. It is delivered with relevant business content, accelerators, and enablement services, helping you reduce costs, decrease risks, and accelerate adoption during discovery, exploration, and realization activities.

Business Processes and Capabilities

Product Lifecycle Management for Discrete and Process Industries

- Product structure and bill of materials (BOM) management for engineering and manufacturing
- Engineering change and release management
- Support of multidisciplinary product structures with mechanics, electronics, and software
- Management of recipe, specification, labeling, and compliance
- Product lifecycle costing throughout the product development process

Portfolio and Project Management

- Support for New Product Development and Introduction (NPDI)
- Integrated portfolio and project management for R&D and IT projects

Delivery Approach

Preconfigured Solution



- Available as an appliance from SAP Cloud Appliance Library for provisioning on Amazon Web Services, Microsoft Azure, SAP HANA® Enterprise Cloud, or from Blu-ray discs for on-premise deployment

Innovation Management and Product Lifecycle Costing

- Management of the ideation process with the idea community, innovation back office, and mobile apps
- Support for early product costing and product quotation with the SAP® Product Lifecycle Costing solution

Environment, Health, and Safety

- Recording and management of incidents
- Identification and management of operational risks for a safe work area
- Management of chemical data including health and safety approval for chemicals
- Management of workplace sampling including measurement and analysis

Business Content and Accelerators



- Business-process documentation
- Demo and test scripts
- Configuration guides
- How-to guides

When to Consider

- Evaluate the capabilities of a comprehensive SAP solution for your specific use case
- Demonstrate a system for enablement, fit-gap analysis, and solution design
- Support an agile and lean implementation approach with hands-on experience from day one
- Address resource bottlenecks in IT and business and investigate ways to reduce time and effort

Benefits

- Reduced costs and resource effort thanks to a preconfigured, ready-to-run solution
- Elimination of risk through proven reference-solution architecture and comprehensive process support
- Increased innovation adoption and decreased time to value through agile and lean principles
- Accelerated enablement and increased engagement

Applications

- ▶ SAP S/4HANA® 1610
- ▶ SAP HANA, platform edition with support package stack (SPS) 11
- ▶ SAP Product Lifecycle Management (built on SAP S/4HANA)
- ▶ SAP Engineering Control Center for SAP S/4HANA
- ▶ SAP 3D Visual Enterprise 9.0
- ▶ SAP Product Lifecycle Costing 2.0
- ▶ SAP Innovation Management 2.0
- ▶ SAP Portfolio and Project Management 1.0 for SAP S/4HANA
- ▶ SAP Fiori®
- ▶ SAP Environment, Health, and Safety Management application (built on SAP S/4HANA)

Service-Scope Options

- ▶ SAP Product Lifecycle Management and SAP Portfolio and Project Management
- ▶ SAP Environment, Health, and Safety Management

Contact and Further Information

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