

Transition Your Shopfloor with End-to-End Digital Transformation Service Solutions

SAP® Transformation Accelerator Initiative

What is behind the SAP Transformation Accelerator initiative?

Transformation Accelerator, formerly known as SAP Elevate, is a global initiative introduced by SAP aimed at assisting existing SAP Manufacturing Execution (SAP ME) and SAP Manufacturing Integration and Intelligence (SAP MII) customers in transitioning to SAP® Digital Manufacturing (SAP DM). Simultaneously, it streamlines the onboarding process for new customers onto the cloud platform. SYSTEMA follows SAP Transformation Accelerator initiative to ensure and facilitate a smooth transition to SAP DM.

SYSTEMA is a trusted migration services provider for SAP DM

We assist you in developing expertise, guiding your initial cloud endeavors, or transitioning an existing SAP ME system to the cloud. Our range of services is designed to offer optimal assistance as you embark on enhancing your production's future through advanced cloud-based digital manufacturing.

SAP Digital Manufacturing

With more than 30 years of experience in manufacturing, we understand the risk and complexities associated with the implementation of new technologies within a live production environment. Transitioning from one system to another requires experience and skilled attention to ensure that operations are not seriously impacted and that, upon completion, your organization is positioned to truly capitalize on the promised benefits of the new solution.

In addition to being the **first SAP partner** in North America to implement SAP Digital Manufacturing, SYSTEMA has been providing training, consulting, and implementation of SAP Manufacturing solutions since 2009. We will help you:

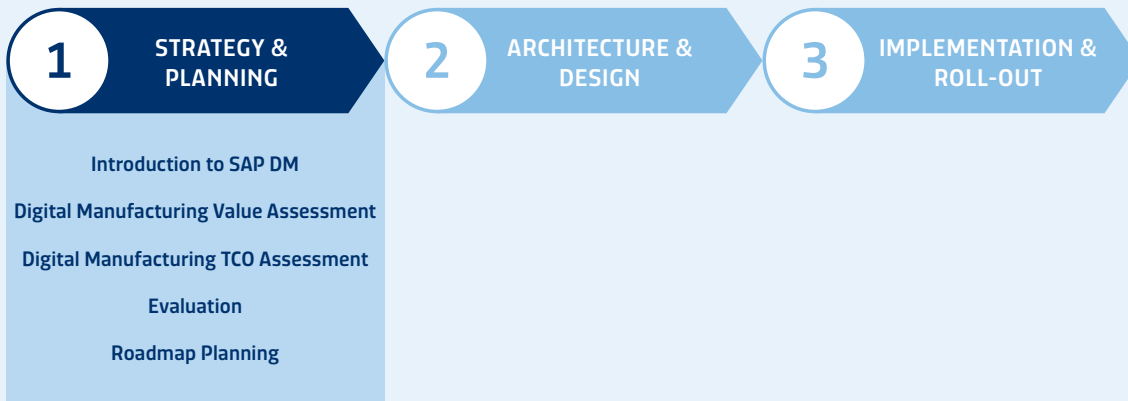
- Guide the change process
- Plan, implement, integrate, maintain, and extend the system
- Empower users to confidently leverage the system

An Overview of SAP Digital Manufacturing

It's no wonder manufacturing execution systems built on technology from 20 – 30 years ago struggle to keep up with manufacturers' requirements for optimization insights, real-time production data, and continuous growth. AI-driven, web-based systems were hardly a consideration for MES developers in the 80s and 90s, even into the 2000s. For manufacturers, it's no longer a question of: *Should we transition to a modern MES? It is: When and how do we transition?*

SAP DM is quickly becoming a strategic asset by providing manufacturers with:

- Powerful analytics capabilities that easily scale
- Anytime, anywhere access to global production data
- High technical and functional integration with all SAP Manufacturing solutions
- Exceptional computing power in the cloud
- Access to the latest technology
- System reliability
- Real-time visibility (recent-past and future) of WIP
- Schedule and dispatch operations
- Monitor events on the shop floor
- Alerts to common shop floor events known to impact WIP, quality, and production control
- View information about resource loads and the current production situation
- View information about operations and high priority orders
- Automatic load balancing for resources, automatic dispatching of operations
- Detailed information about labor assignments, including, availability, qualifications, shifts, and certifications
- List assignments and provide an overview of assigned and unassigned workers
- Detailed information on allocation of production tools to work centers and resources

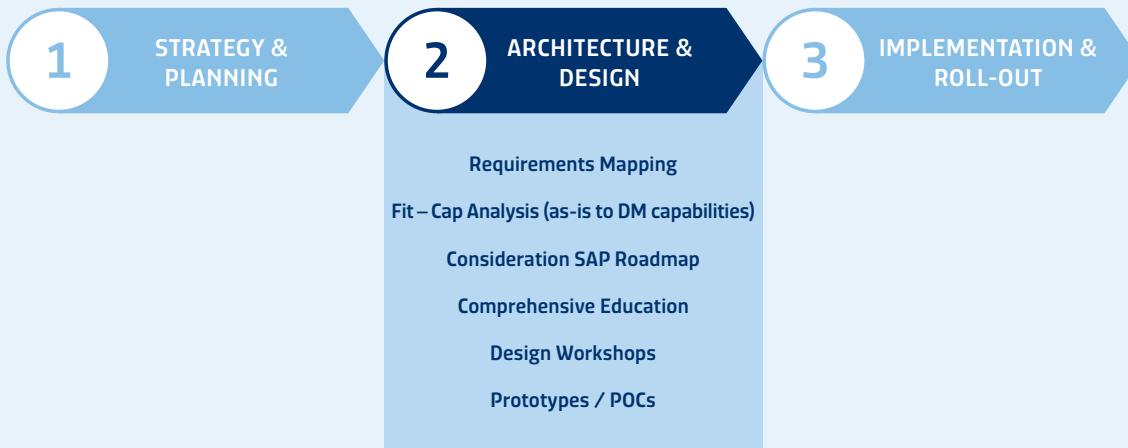


Strategy & Planning Services

You're about to extract the weary heart of your company and give it new life! Now is the time to familiarize yourself with the possibilities of your new MES to ensure that SAP DM meets your requirements today and in the future. The process of defining your current requirements and planning for the future will help shape the scope of the project and bring to light other organizational considerations such as priorities, schedule, cost, resources, communications, risk, and future business plans.

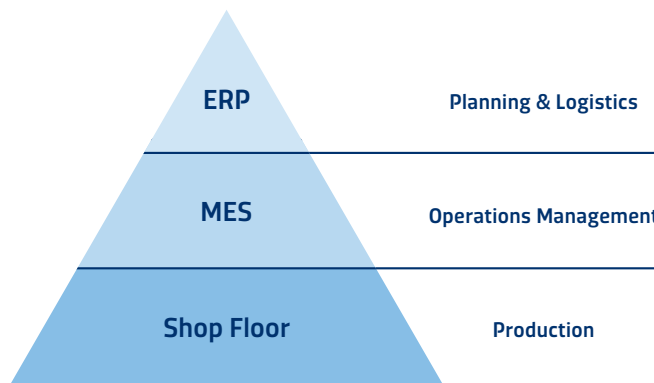
SYSTEMA supports your strategy and planning efforts through:

- Identification of business objectives and priorities
- Professional value analysis, solid rationale of business benefits and quantified benefits based on benchmarking data (Value Assessment)
- Analysis of existing on-premise landscape costs, comparison to future cloud solution costs and identification of potential cost savings between existing and to-be system landscapes (TCO Assessment)
- Consultations and workshops focused on education, introduction to SAP DM, and live demos
- Education regarding system transition and SAP DM extensibility
- Evaluation of possible transition scenarios, including hybrid options
- Usage of proven [global template and rollout approach](#)
- Alignment of your MES strategy and roadmap with your stated business objectives and priorities



System Architecture & Transition Planning Services

Architecturally, the MES usually exists between an ERP system on the enterprise side and tool-level control systems on the other. MESs facilitate the free flow of information from the MES to the ERP and from the MES to other integrated manufacturing IT systems. Having an understanding of the various aspects of your manufacturing IT landscape as it is now will be critical for the design of the system as it is to be after transitioning to SAP DM.



Understanding Your Business' Current Manufacturing IT Landscape

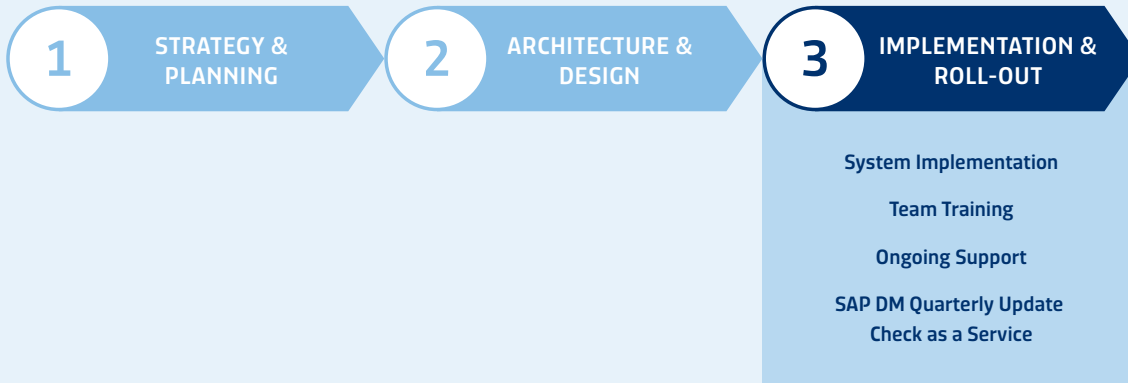
Creating a coherent vision encompassing your global, strategic manufacturing-IT landscape is referred to as a “business blueprint”. The blueprint should include any of the associated transformation, system transition, and business process reengineering objectives you are facing and should serve as the starting point for IT transformation – regardless of whether yours is a small- or large-scale initiative. Without a blueprint, it is nearly impossible to make educated decisions as to which system, process, role, business function, etc. is accountable for which part of the overall manufacturing IT system landscape. The blueprint will help to map all processes of the business landscape into a fully integrated, manufacturing-IT landscape to enable efficient planning, production optimizations, and data-driven decisions.

A business blueprint allows organizational stakeholders to:

- Define manufacturing IT project objectives
- Clarify the project scope, priorities, and effort involved to implement the new MES
- Develop a shared vision of the end state
- Efficiently evaluate, select, and understand the system's essential functionalities

SYSTEMA supports system architecture and transition planning efforts through:

- Identification of core processes and system functionality requirements
- Comprehensive education of system features and functionality
- Consultations and support to identify potential locations/processes for pilot projects
- Facilitation of design workshops
- Creation and evaluation of as-is and to-be processes
- Mapping SAP DM architecture into the overall manufacturing IT landscape
- Mapping and comparing the as-is solution to SAP DM capabilities and providing a coverage analysis for current and future requirements. The SAP roadmap is always carefully considered in this process.
- Designing or transitioning the global template
- Producing prototypes or proofs-of-concept for specific scenarios
- Ensuring your MES architecture and transition planning efforts align with your stated business goals, priorities, and budget
- Developing a detailed roadmap and migration plan



System Transition & Roll-Out Services

As your project moves from planning to execution, your MES system will be configured to support the processes and locations defined during the architectural planning phase.

Based on your unique system requirements, this may include:

- Process modeling
- Process configuration and documentation
- Migration step planning in regard to:
 - Processes
 - Locations
 - Migration tools
- Configuration and development of custom building blocks
- Process configuration and prototyping with standard and custom building blocks
- Integration testing
- User acceptance testing
- Set up production landscape and cut-over planning
- Team training
- System preparation, go-live, and intensive post-go-live support (Hyper Care)
- [SYSTEMA's Application Management Services for SAP Manufacturing](#)
- SYSTEMA's Quarterly Update check for SAP DM

Future-Proof Your Manufacturing Capabilities

In selecting SYSTEMA to facilitate your transition to SAP DM, you will benefit from our extensive experience with SAP Manufacturing solutions. Our 30+ years of experience with manufacturing automation along with SAP's motivation to innovate and develop competitive solutions will provide your company with significant value today and will support your growth in the future.

We Implement End-to-End

30+ Years of Experience in MES Solutions



Questions about SAP DM? Please feel free to ask a specialist at contact@systema.com or visit us on the web at: systema.com/portfolio/sap-manufacturing/sap-dm

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