

SYSTEMA's Global Template Approach

For SAP® DM

One of the biggest benefits of SAP's Manufacturing Suite of solutions – outside of the obvious optimizations you get with a manufacturing execution system – is in the simplicity that comes with having a single system operating across your organization. If you're going to have one production site running SAP's Digital Manufacturing (DM), it makes sense to have a plan to get all production sites running SAP DM. Granted the process of achieving a global implementation isn't trivial, it's a smart investment.

The efficiency, visibility, cost savings, risk reduction, and flexibility achieved with a global implementation cannot be overstated.

Developing a global SAP template in parallel with the planning and implementation of your initial SAP DM project will save time and money when it comes the planning and implementation process for rolling out DM to other sites in your organization.

Comprehensive IT Strategy Advantages

If your organization's long-term goal is to establish a cohesive manufacturing IT strategy across multiple sites and geographies, a global template can facilitate the transition to a single manufacturing system across all sites. This single-system approach as an overall IT strategy comes with a number of significant advantages:



Global Process Optimization: When each production site in your organization follows its own “best practices”, performance from site to site varies. Likely, there truly are efficiencies and optimized processes at each site that, if they were to be applied at other sites across the organization, would result in noticeable performance improvements. Unfortunately, when manufacturing execution systems vary from site to site, it is virtually impossible to share and implement best practices globally. With a template-based single system, rolling out global changes is a matter of reconfiguring the processes in the system. This approach expedites and aligns process improvements across your organization.



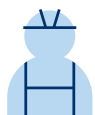
Organizational Transparency: One of the most common issues you may be struggling with is gaining visibility into your organization’s overall performance, particularly when your enterprise spans multiple sites and geographies. Each manufacturing site becomes a sort of “black box” which makes it almost impossible to evaluate what causes variations in quality, productivity, and performance across sites. SAP DM provides global transparency into your production processes and system functions.



Smarter Manufacturing: When it comes to analytics, more data in means more contextual information out. Gaining meaningful insights from your production data across the global organization means smarter manufacturing and faster, more confident decision-making at every level.



Simplified IT Landscape: Simplifying the variety of manufacturing execution systems within your organization to just one means fewer IT systems and interfaces for your IT experts to learn, maintain, and support. Fewer IT systems reduces costs as there are fewer IT vendors needed for support.



Workforce Flexibility: Consistency of systems across sites equates to employee training that can take place at any site and employees can easily move from site to site without additional training.



Long-term Scalability: When a global template has been created, rollouts of functionality to other sites is quick and efficient. Whether an additional rollout is planned for one year from now or five years from now, the template can be easily applied time and time again to ensure that your features, technology, and functionality remain consistent across all sites.

SYSTEMA's Global Template Approach

As a global company, SYSTEMA specializes in international roll-outs by coordinating, managing, and organizing rollouts to other sites/locations. Between 2020 and May 2022, SYSTEMA successfully created global template maps for 7 manufacturers following SAP's "Activate" project and rollout methodology to support each organization's template development and to increase the quality and success of each project.

SAP Activate methodology includes 6 phases:

1. Discover

Emphasis on consulting and initial system set-up

2. Prepare

Key users and process owners will setup the project governance

3. Explore

Global Template Map will be designed based on production processes. Business processes will be analyzed based on SYSTEMA best practices. "To-be" process prototyping will be done to support understanding and decomposition to building blocks and extensions

4. Realize

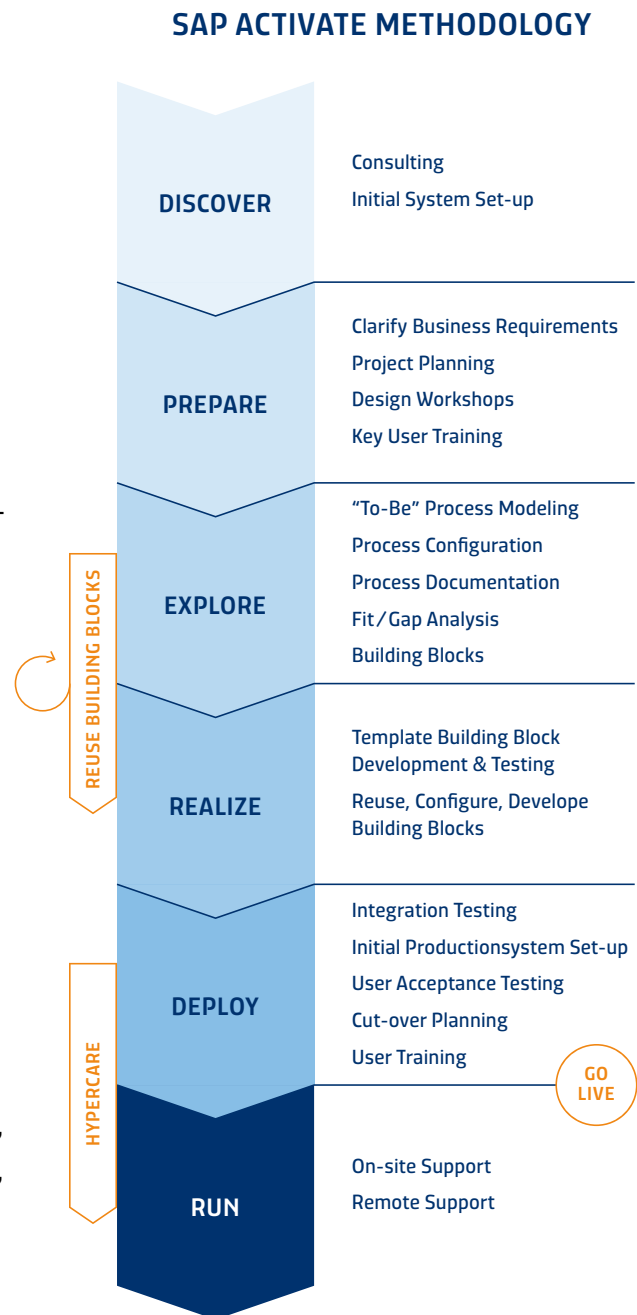
Reusable template building block development and testing are pillars of this phase. Template building blocks can be easily rearranged and used for further roll-outs with a high coverage rate

5. Deploy

Integration testing and initial production system setup are followed by user acceptance testing, cut-over planning, user training, final data load, and go-live

6. Run

Once production system is live, the hypercare phase begins first with on-site support, followed by remote support



What Manufacturers Say About SYSTEMA

Of the 7 global template maps we created since 2020, we have received positive feedback from each manufacturer, including:

- Quick, parallel rollouts
- Reduced total cost of ownership for manufacturing IT as site-specific and local applications were replaced with the single-system IT approach
- Processes are harmonized across sites
- Excellent project governance by SYSTEMA, specifically:
 - Defined rollout handling
 - Defining common process with site specific tailoring
 - Process improvements and changes

Scalable Manufacturing Capabilities

In selecting SYSTEMA to develop your global template, 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.

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



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