

DM4Mill by delaware

SAP Digital Manufacturing for the realities of Mill Manufacturing

DM4Mill extends SAP Digital Manufacturing with dedicated capabilities for complex material flows, combined production orders, end-to-end traceability and material genealogy, as well as other specific requirements of Mill Manufacturing.

The solution is designed for roll-, coil-, sheet- and length-based production processes. SAP Digital Manufacturing remains the technological foundation, ensuring that DM4Mill stays maintainable while extending the standard where industry-specific processes and additional capabilities are required.



Why Mill Manufacturing is different

In Mill Manufacturing, a single material flow can result in numerous variants, formats and finished products. Rolls, coils, webs, strands, individual lengths and partial lengths are cut, combined and processed across multiple production stages.

This creates additional requirements for material flow management, changeovers, residual lengths, trim loss, quality and traceability.

Typical industries: Paper & Packaging, Plastics, Metals, Wire & Cable, Technical Textiles and Building Materials.

Designed for the requirements of Mill Manufacturing

DM4Mill extends SAP Digital Manufacturing with capabilities for combined production orders, segment-based material tracking and complex, multi-stage production processes.



Combined Production Orders

Execute related production orders within a shared production context.



End-to-End Traceability

Extend batch-level traceability in SAP DM to traceability at Handling Unit level.



Yield, Scrap & Trim Loss

Capture quantities accurately and assign them to the relevant production orders.



Quality & Nonconformance Management

Assign defects to the exact position on affected material units and manage rework based on specific defects.



Real-Time Transparency & Integration

Combine machine and quality data with resource times in the production context for integrated reporting.



Two Core Capabilities for Complex Mill Processes

DM4Mill preserves the relevant production context even when material flows become complex across multiple orders, material segments and process stages.

Combined Production Orders

Related requirements are grouped into a combined production context. The relationship between the individual production orders is maintained throughout execution.

Production Order A

Production Order B

Production Order C

Combined Production Context

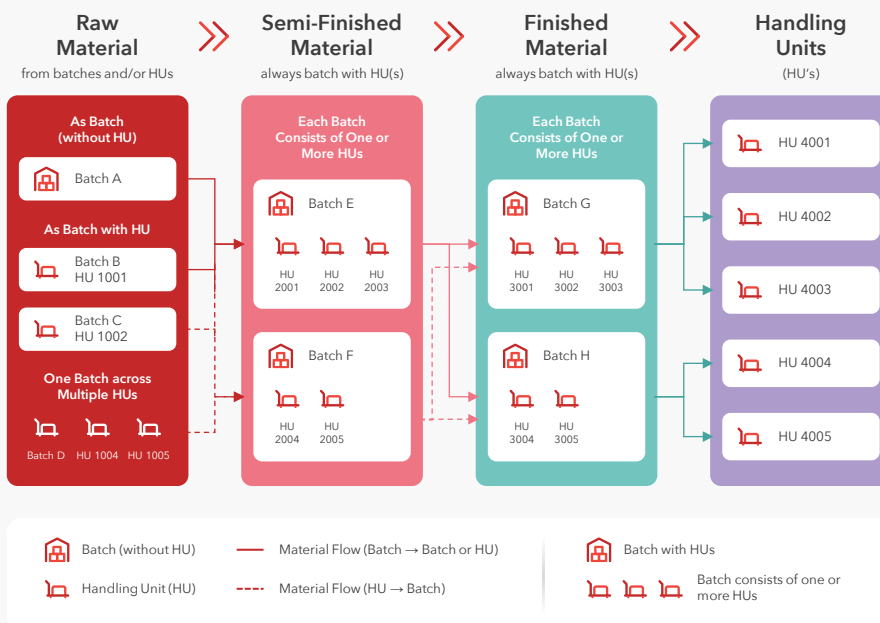
Shared context for execution and reporting

Fewer changeovers

Reduced trim loss

More stable processes

End-to-End Material Genealogy - from Raw Material to Handling Unit



DM4Mill extends the standard traceability capabilities of SAP Digital Manufacturing by providing end-to-end material genealogy across all production stages.

Batches and Handling Units remain linked throughout the entire production process and can be traced both forwards and backwards.

This provides greater transparency, faster root-cause analysis and a reliable foundation for quality and compliance.

What Companies Can Achieve with DM4Mill



Greater Transparency

Across material and production flows as well as machine and resource utilization.



Improved Material Utilization

Through more accurate quantity and trim-loss capture and targeted rework.



Greater Process Reliability

Through automated data capture, system-guided execution, quality monitoring and nonconformance management.



Fewer Manual Workarounds

Through preconfigured Mill-specific functionality.

Why DM4Mill with delaware?

With DM4Mill, delaware combines more than 25 years of Mill Manufacturing experience with SAP expertise and international delivery capabilities. The solution is based on real-world production requirements and is continuously enhanced in close collaboration with SAP.



Home of Manufacturing

More than 25 years of Mill and Manufacturing experience – from production planning and MES to the shop floor.



End-to-End

From ERP to production: SAP Digital Manufacturing and DM4Mill as part of an integrated end-to-end process and system landscape.



SAP & Co-Innovation

delaware works with SAP on specific Mill Manufacturing requirements and contributes industry expertise to the continuous development of SAP DM.



Proximity Model

Local contacts and international delivery capabilities support pilots, templates and rollouts across multiple plants.



Clean Core by Design

DM4Mill extends SAP Digital Manufacturing side-by-side on SAP BTP using published SAP APIs. Standard objects in SAP Digital Manufacturing and SAP S/4HANA remain unchanged – enabling an upgrade-ready and extensible architecture.

Getting Started with DM4Mill

Together, we assess your production and system landscape, map your requirements against SAP Digital Manufacturing and DM4Mill, and define a realistic implementation path.



Discover

Understand production processes and Mill-specific requirements.



Fit & Scope

Assess SAP standard capabilities, DM4Mill and integration requirements.



Roadmap

Define the pilot, implementation and rollout.

Ready for the Next Step?

Whether you are implementing a new solution, modernizing your manufacturing landscape or transitioning from SAP ME / SAP MII: talk to our Mill experts and experience DM4Mill in a demo.

Get in touch

we commit. we deliver.

