

iROLLSHIFT

Advanced Enterprise Solution for Steel & Aluminum Mill Industry



Connected World
Connected Experiences

Summary

Tech Mahindra's Preconfigured Solution-iRollShift provides faster Implementation and easy adoption of Digital technologies leveraging SAP S/4HANA Best practices and Industry specific processes . iRollShift is the flexible and better visibility providing tool for small and medium scale rolling mill industries. Intelligent service platform provides new ways to analyze roll data and connect globally. It improves the production efficiency and product quality. iRollShift provide solutions for the rolling mill

- Integrated Delivery Framework
- Standard Documentation
- Implementation support
- Ecosystem

Introduction

Intelligent Roll for fastest online profile measurement tool, intelligent service platform provides new ways to analyze roll data and connect globally.

It optimize and grow your mill products business, including paper

Business Challenges

- Customers request for products based specific parameters and manufacturers lack complete visibility on the processes
- Inability to detect defective materials
- Lack of integration with between multiple systems and SAP S/4HANA

Our Solution



Built on SAP S/4HANA 1809 the solution is both upward and downward compatible



Provides 70-80% coverage of business processes for Rolling Mills through Out of Box functionality



Incorporates leading practices across supply chain, planning, finance, procurement and logistics

iRollShift= SAP S/4HANA + SAP Best Practices+ TechM Process Extensions

Features



**Characteristics Based
Material planning**



**Transportation
Planning**



**Dynamic Order
Scheduling**



**Integrations with
MII/MES**



**Predictive
maintenance**



**Precision AI Based
inspection**



**Financial & General
Accounting**



Fiori Applications



Benefits



Preconfigured Solution



Reduced Cost



Automated with NAD
delivery



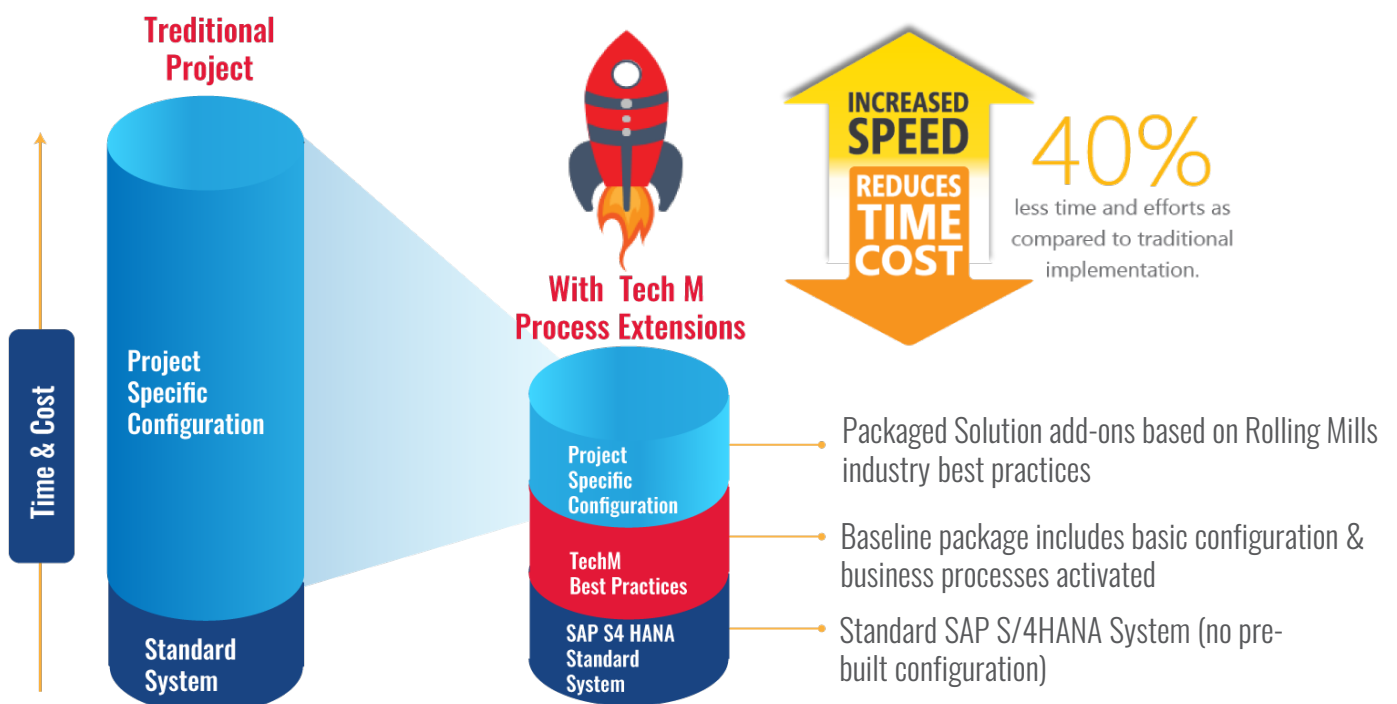
Modular & Scalable



Cloud Enabled



Quick Deployment



Solution Scope



Procure to Pay

- Demand management
- Quotation Process (RFQ)
- Purchase Order Processing.
- Procurement of service
- Pricing Procedure
- Invoice Verification
- Batch Management



Plan to Produce

- Driven Demand Planning & Forecasting
- MRP/MPS
- Capacity Planning
- MTS & MTO
- Characteristics Based material planning
- Dynamic Order Scheduling with Supplier update
- Rolling mill processes- Hot Rolled Coil Milling, Wire Rod & Galvanized Wire Rod production, Corrugated Finished line & Sheet material generation, Pipe Material production and Cold Rolled Milling



Quote to Cash

- Inquiry Process
- Quotation process
- Customer verification and Approval.
- Sales Order processing
- Delivery & Billing
- Scheduling Agreement processing
- Contract processing
- Customer replenishment processing
- Batch Management



Core Finance

- Financial & General Accounting
- Vendor Payment
- Assets Management
- Cost Centre Accounting
- Profit Centre Accounting
- Product Costing
- Profitability Analysis
- Sales Accounting
- GST /VAT
- Bank
- Financial Reporting



Request to Service

- Maintenance Notification processing
- Maintenance Order processing
- Preventive Maintenance Planning & processing
- AIN Integration



Logistics & Transportation

- Storage Bin setup & HU Management.
- Production related TR & Outbound Delivery
- Procurement related TR & Inbound Delivery
- Physical Inventory, Posting change & Stock transfer
- Transportation Planning Management
- Dangerous Goods movement
- Batch Management
- Precision AI Based inspection and stock posting
- Characteristics based Inventory checking and Stock report

Case-in-point

Tech Mahindra engaged with this leading steel manufacturer in Uganda to implement S4 HANA cloud to help them reduce their TCO

Benefits

- Cost Reduction - bringing down customer TCO for next 3-5 years.
- High Scalability: Virtualized scalable solution for SAP landscape including Backup solution
- Faster Time to Value: Improved system performance, faster access to data, real time reporting time leading to faster decision making for management based on market trends



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