

Case Study: Digitizing plant shutdown & turnaround processes for a global steel producer

Our customer is a leading Indian multinational steel producer with operations in 26 countries and an annual crude steel capacity of over 30 million tonnes, ranking among the largest globally.

Business Scenario

With SAP S/4HANA in place, the customer managed 400+ mini and 50+ major shutdowns yearly. However, relying on multiple tools for planning, execution, and reporting led to inefficiencies.

Challenges

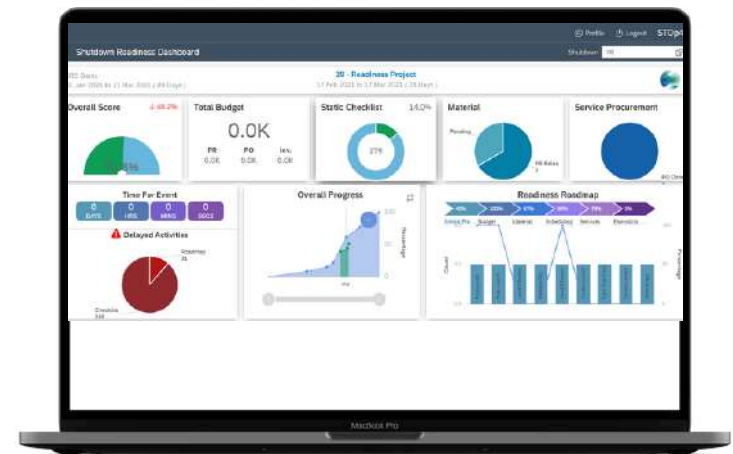
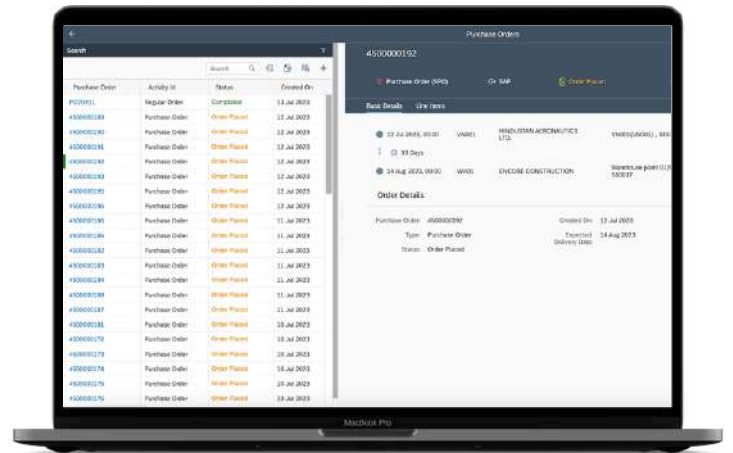
- Ensuring proper **governance** during STO planning and execution was a challenge
- **Lack of reliable data** led to unexpected project slowdowns
- Critical information on **assets and material availability was missing** in planning tools
- The **SAP system had minimal insights** into plan and execution status
- Inability to act quickly due to untimely or **untrustworthy data**

Solution

The customer selected **Procify STO Manager**, a comprehensive SAP-based STO management tool, for its ease of use and end-to-end capabilities. To enhance agility during execution, they implemented the mobile add-on. Additionally, customer-specific processes were developed on top of the standard solution to meet their unique requirements.

Solution Components

- **End-to-end STO management**
Procify STO Manager is single SAP-based solution for scoping, planning, execution & reporting.
- **Mobile add-On**
Enabled agile execution with real-time data capture, updates, and field accessibility.
- **Customized workflows**
Customer-specific processes built on top of the standard solution to align with internal governance.
- **Dynamic scheduling & Gantt chart**
Replaced third-party scheduling tools with an integrated SAP-based Gantt chart for better planning and tracking.
- **Digital documentation & attachments**
Centralized access to SOPs, technical drawings, and equipment history for quick reference.
- **Advanced work pack management**
Streamlined work pack creation, assignment, and tracking for internal teams and contractors.



Benefits

- A **single SAP-based platform** ensured no duplication of data or processes
- **Real-time SAP insights** enabled proactive issue resolution
- **Mobile access** facilitated quick updates and task tracking
- Clear **visibility across all STO phases** for better governance
- Optimized planning and **reduced STO duration**
- Minimized overruns with **better budgeting and resource allocation**
- **No integrations required**; fully developed within SAP



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