EMERGYS

FoundrySmart

Designed to support foundries with real-time insights, efficient planning, and improved traceability.

Contact Us

SAP Qualified
PARTNER-PACKAGED SOLUTION

Solution Overview

Core Business Modules from SAP

>> **Finance:** General Ledger, AP/AR, Asset Mgmt, Costing, Financial Analytics.

>> **Sales:** Order-to-Cash, Pricing, Billing, Credit Management.

>> **Procurement:** P2P Process, Supplier & Contract Management, Invoice Verification.

>> **Manufacturing:** MTS/MTO, MRP, Shop Floor Execution, Basic Quality.

>> **Supply Chain:** Inventory, Warehouse, Goods Movement.

>> **Service Management:** Field Service, Service Orders, Billing.

Foundry-Specific Enhancements with FoundrySmart:

>> **Charge Mix Optimizer:** Optimize furnace metal recipes for reduced costs & Better Efficiency.

>> **SAP Analytics Cloud (SAC) Dashboards:** Real-time analytics for melt efficiency, cost trends, yield.

>> **Value-Add Programs:** Metallurgy tracking, batch control, return conversion, defect analysis.

>> **Daily Scheduling with custom Planning & Scheduling:** Handle complex production timelines, reduce bottlenecks.

>> **Integrated Platform:** Built on SAP BTP and Analytics Cloud, ensuring insights and faster ROI.

>> **Available on all SAP Versions**

Solution conceptualised and developed by Emergys - proprietary and confidential.

Why FoundrySmart + SAP?

» Industry-standard processes

» Accelerators for Foundries

» Rapid implementation

» Scalable & future-ready

Challenges Resolved by Our Solution:

» Sales Order Allocation inefficiencies

» Production Line Balancing & Planning

» Rejection handling & On-time Delivery

» Pattern lifecycle Management

» WIP Monitoring delays

» Inventory mismanagement

Packages

Essential

Timeline – 4 Months

SAP Essential Package

» Financial Accounting

» Sales and Distribution

» Procurement & Supplier Management

» Manufacturing

Foundry Specific Add-on

» Foundry Business Processes
  - Molten Metal Production Confirmation Process
  - Casting Production Order Confirmation Process
  - Pattern Life Monitoring Report
  - Production Planning and Scheduling Dashboard
  - Production Downtime Report

Essential Plus

Timeline – 5 Months

SAP Essential Plus Package

» Financial Accounting

» Sales and Distribution

» Procurement & Supplier Management

» Manufacturing

Foundry Specific Add-on

» Essential Package

» Custom Planning and Scheduling Dashboard and reports

Advance

Timeline – 6 Months

SAP Advance Package

» Financial Accounting

» Sales and Distribution

» Procurement & Supplier Management

» Manufacturing

Foundry Specific Add-on

» Essential Plus Package

» SAC Dashboard and Reports

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