

HIGH TECHNOLOGIES SOLUTIONS

SAP PM

Business Processes in Plant Maintenance

- Organization of Plant Maintenance
- Technical objects
- Maintenance due to malfunctions
- Predictive Maintenance
- Refurbishment of spare parts
- Preventive Maintenance
- Project-based Maintenance
- Supplementary Processes (Mobile Asset Management, Pool Asset Management etc.)

Reporting and Analyses

Managing Technical Objects

- Functional locations (further functions)
- Equipment (further functions)
- Classification
- BOMs
- Serial numbers
- Measuring points and counters

Maintenance and Service Processing:

Preventative

- Management of Task Lists
- Single Cycle Maintenance planning
- Maintenance planning with a strategy – time-based
- Maintenance planning with a strategy – performance-based
- Maintenance planning with cycles of a different dimension
- Supplementary processes for preventive maintenance

Maintenance Processing: Operational Functions

- Notification (notification types, catalogs, catalog profiles)
- Planning (order type, work center, costing)
- Controlling (checking availability, scheduling, printing)
- Completion (confirmation, settlement, history)

Analytics in Enterprise Asset Management

- Business data in the ERP backend: lists and reports

Data update to the Logistics Information System

- Enterprise Asset Management and SAP BW: Data Transfer and Data Storage

Standard BW queries for Enterprise Asset Management

- Planning maintenance budgets (BW-BPS).

WCM Work Clearance Management

- Overview of work clearance management
- Asset structuring
- Work clearance management architecture
- Approval and permit process
- Lockout / tagout process
- Integration of WCM with maintenance order
- Extended functions
- Customizing

Case Study