

Business Need

Dedicated team: 02 FTEs

Time Zone: India

Locations: Brazil

Customer: Nuclear Energy Major

Keon Solutions has successfully developed and delivered an interface for SAP Plant Maintenance and Oracle based CMMS Tool. This interface was delivered to a Brazil-based Nuclear Energy major. This interface was used for interfacing the CMMS Tool (Oracle Based) to communicate with SAP PM at the event of any breakdown or maintenance work arising in any of the equipments/machineries. The Oracle based CMMS tool used to capture the real time machine level faults and used to create a predefined XML file to be processed further in SAP PM. Our interface enables creation/modification of PM Maintenance Order/Work Order by simulating the XML files while keeping the CMMS system posted on each and every event. This interface ensures minimum downtime for a machine/equipment and no manual intervention for Work Order maintenance.

Keon's Solution and Approach

- SAP Plant Maintenance (PM) Module Integration with CMMS

- Offshore Development & Delivery Model
- Staging communication with SAP
- Number of Interfaces involved – 05 Nos.
- XML bi-directional communication
- BAPI interface to minimize custom developments
- Inbuilt validations and authorizations to support error free communication
- No deviation / enhancements in current or standard implementation
- Easy to plug-in methodology to support across SAP versions

Customer Benefits

- No additional investment on SAP enhancements
- No hindrance to current implementation / business flow
- Low cost model due to offshore delivery
- Strong documentation for each interface and transaction
- High - quality and performance objects
- Less or negligible human intervention