



## **DXC's Mobile and Geospatial Solution for SAP**

Comprehensive mobile asset  
management tool with predictive  
and geospatial capability

## The solution

A native HANA application by DXC that gives organisations integrated asset and work order management, with geospatial and mobile functionality.

## Optimise asset maintenance execution

Execute a full range of asset management operations, including:

- Assigning optimal resources to work orders across a wide geographic area based on skills, cost and location of resources
- Track progress of work orders with tablets in the field, control room GIS and KPI views and real-time information feeds from location
- Integrate fleet and service management using the planning board and recording daily safety checks
- Minimise risk by recording Job Safety Analysis (JSA) check lists with photo and location recording

## Solution benefits

Ideal for asset-intensive organisations or services firms who need transactional, analytical and planning functionality in one integrated system. Built on SAP HANA and UI5 technologies, our solution is geospatially enabled that can store locations and shapes, and perform geospatial calculations.

With intensive work order scheduling and resource and capacity planning you will get a real-time view of assets and work order statuses, and the ability to visualise data from multiple sources to discover trends, make forecasts and predict future outcomes.

The heart of the solution is flexible work order management that can be used to maintain assets, provide service to your customers and run small internal projects.

In addition to the standard recording of time and materials, work orders include configurable forms for collecting additional information and measurements.

The application can be used to record issues and work notifications, perform inspections, scope work and perform the final service or maintenance activity.

Use one or all of the following modules, fully integrated into your existing ERP processes:



#### Optimise work order and resource planning & scheduling

- Flexible asset maintenance rules
- Follow on rule of creating orders based on inspection results
- Optimise resourcing based on capacity and location
- Long-term capacity planning



#### Mobile work order execution

- Provide your workforce with the information they need to complete these tasks on a mobile tablet including access to documents, safety checks and configurable forms
- Provide a real-time view of operations as work is completed



#### Real-time information streaming (IOT)

- Stream real time data from connected devices and location and speed data from mobile devices
- Analyse streaming data as it is received and provide alerts



#### Visualisation, predictive & geospatial capability

- Real-time access to work order information, geospatial and streaming measurement information
- Geospatial and analytical visualisations and exploration of data
- Predictive functions with powerful statistical functions

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