



Master Data Online Field Services Management

DATASHEET

Master Data Online (MDO) delivers business users with trustworthy, reliable data by mediating, managing and governing core master data shared by multiple master data domains. Data Quality is a key element of any new project initiative, not only important for migration and cleansing, but also to implement and support all new business process extensions such as field services management.

The MDO framework has been developed with the understanding of how organisations define their business processes. The MDO Field Services Management (FSM) solution has pre-defined processes in place for a fast start, as well as a platform to enable the solution to be extended to meet company specific requirements. In addition, MDO FSM has pre-defined adapters into SAP and other environments with integration into Geographic Information Systems (GIS).

MOBILE SOLUTION COMPARISON TABLE:

| Criteria | MDO FSM | Other Mobile Solutions |
|---|--|--|
| Business Processes | MDO FSM supports all core processes of Field Services | Most solutions perform these functions |
| User Interface Flexibility | MDO FSM Framework API layer allows you to define your own user interface fully supported by Prospecta | This is very limited and always driven by the Vendor |
| Workflow and Data Quality Rules including master data | The MDO Governance and Data Quality Framework will ensure that data is governed based on business rules and workflow | Most Mobile solutions do not focus on data quality and governance which is a project key challenge |
| Integration Framework and SAP | MDO is on SAP Cloud Platform and has a strong integration framework into SAP and other systems | Solutions rely heavily on SAP expertise and mapping creating big issues |

CORE PROCESSES & FEATURES

- Define work packages for your crews
- Crews and contractors can allocate work to their team to process jobs or work orders individually or in terms of packages
- Repair jobs and breakdowns
- Execute scheduled and adhoc inspections
- Install and dismantle equipment and trigger master data changes with defined governance and quality
- Raise notifications & safety hazards
- Enter time confirmation and service entry sheets
- Auto assignment of work based on various criteria (e.g. work centres)
- GIS integration with mapping views and map layers
- Able to look up and initiate transactions in maps
- Works both online and offline

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ADDITIONAL FEATURES



Easy to use Administration
Administration in the MDO framework manages metadata, business rules, and data quality validations.



Integrates all Leading Mobile Device Management Platforms
Supports both IOS and Android platforms for all types of devices.



Search Mechanism
Easy to use search mechanism based on criteria and auto complete searches.



Attachments
Attach all relevant information as images or documents.



Workflow & Business Rules
A data quality framework to ensure quality data is captured in the whole process.



Dashboard & Reporting
Provides key statistics of jobs and inspections.



Collaboration Portal
External parties can register and collaborate information during the whole asset life cycle, including projects and handover.



Signature
Electronic signature capture.

CLIENT PROJECT SUMMARIES

BHP BILLITON

Iron Ore | Mining

Prospecta was a strategic partner to SAP in implementing and enhancing SAP Mobile Asset Management to maintain all rail assets. The User Interface was completely modified and enhanced to meet BHP specific needs. The key areas were Notification & Work Orders.

BHP Petroleum | Oil & Gas (USA)

After the successful implementation at Iron Ore, Prospecta was asked to implement the introduction of RFID based on Inspections. The Screens were easy to use on intrinsically safe devices and we used Work Orders and SAP Measurement Points to record and manage the inspections.

PORTER DAVIS HOMES

The MDO mobile framework is used by Porter Davis to do all their house inspections by all their supervisors, both employees and contractors. The inspections are scheduled based on locations, and jobs are assigned by the team leaders to the respective members. The Inspection forms are dynamic based on the different types of houses. Key features include:

- Supervisors can execute inspections
- Attach pictures & also do mark ups
- Available both online and offline
- Integrates into SAP
- Electronic Signature Capture

GO ENERGY

Formerly United Group Energy | Utilities

Prospecta was tasked with replacing an incumbent solution which tracked the installation of solar systems and reported back all customer information for approval. Key features include:

- Display and complete installs
- Take pictures
- Serial Number Bar Codes
- Electronic Signature on installation completion