



Powel Avance Meter Data Management

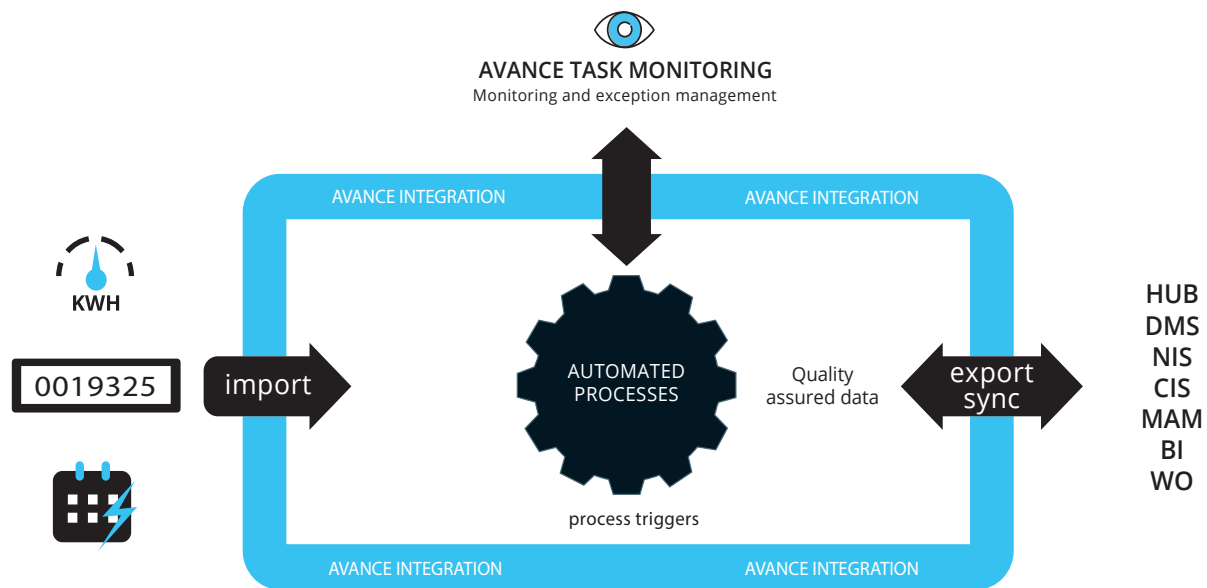
Avance MDM provides flexible, efficient and scalable data management that operates with a high degree of automation combined with an efficient workspace for managing & monitoring exceptions. The solution contains powerful features for access to quality assured data in a timely manner to make better data driven decisions. The solution includes the features and functionality utilities need for every link in the meter-to-bill/hub value chain, as well as settlement and forecasting.

Avance Meter Data Management – Automating energy data management as far as possible

Overview

Avance MDM is optimized to import, manage, validate, estimate & export large amounts of fine resolution time series data. It is a flexible, multi-utility time series and event storage designed for large-scale deployments. It provides utilities with the accuracy, flexibility and scalability needed for smart metering and validation, estimation and utilization of data. Further the solution provides analysis, balance reports, settlement and data preparation for billing. This combined with a process/event driven GUI, Avance Task Monitoring (see separate product sheet) provides utilities with a platform for the future.

The uniqueness of the product is that the technology is developed from scratch for managing time series, doing advanced calculations on the data to ensure access to quality assured data in a timely manner for export and utilization. The solution provides advanced reporting with the possibility for self-service BI.



Key features

- Hub for all data from metered devices
- Multi utility & sensor/IoT data
- Process automation
- Process triggers
- Efficient exception management
- Push info automatically to LoB
- Highly flexible VEE
- Complex settlement/rating, accurate billing data
- Virtual metering
- Event administration
- Flexible integration to National HUB, Line of Business and head end systems
- Data availability & integrity
- Flexible meter asset management / life cycle register
- (Semi) Automatic initialisation of work orders
- Tracking & tracing
- Meter rollout support
- Efficient workspace, the system works for you

Key advantages with Avance MDM

Powel Avance MDM simplifies and streamline all data handling - storage, search, calculations and reports. We can always be sure that fresh and high-quality data is the base for all decisions.

When data handling is improved, time spent on operations in the system is decreased. Time saved can be used for analytical tasks and value adding work!

Scalability – built from scratch for reliability and performance to support large amounts of time series in different resolutions and multi utility data sources

Performance – proven & reliable, in production at large DSO's

Improved business decisions – enabling advanced analysis of time series

Manage and aggregate large amounts of data

Operate with high efficiency in the metering process. CIM2BIM module