

ENERGY MARKET INTEGRATION. FLOWTALK ELECTRICITY MODULE.

FlowTalk includes a fully configurable web-based .Net user interface which delivers correlated, real-time, business critical data to the desktops of business users. FlowTalk enables you to create individual workflows, define custom dashboard gauges for critical market related KPI's, provide for simple management of exceptions and one-click access to any data at any time.

Australia's National Electricity Market (NEM) is underpinned by a sophisticated electronic trading system that requires all market participants to interact with the market using a comprehensive set of message types and processes based on the aseXML standard.

New entrants to the market as well as existing participants are faced with the challenge of implementing these processes on their internal IT systems and/or integrating the processes into their core billing, customer care and financial systems.

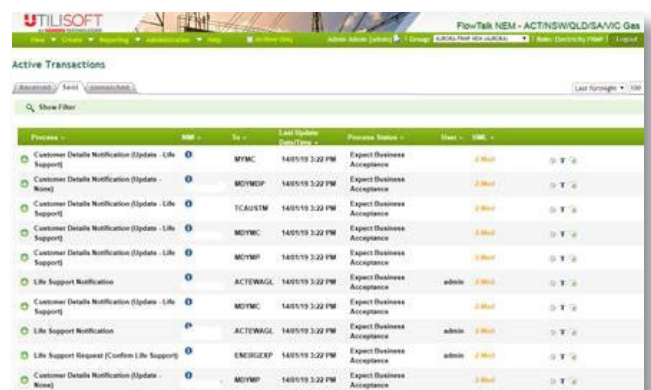
FlowTalk provides built-in support for processes involving winning customers, managing customer transfer, handling 3rd party B2B communications, meter data flows and market reports and all other mandated market processes. FlowTalk is also proven for full Power of Choice compliance, which includes interval (smart) metering volumes and the management of MC (Metering Coordinator) roles.

With its in-built workflow engine, FlowTalk is also context-aware of an end-to-end business process, and can be configured to ensure all transactions are managed in the correct order for each energy sector and each market jurisdiction, taking your business process and embedding it into the workflow.

FlowTalk is the only off-the-shelf solution for comprehensive management of all NEM transactions and processes that is suitable both for new market entrants and tier one retail and network participants.

FlowTalk drastically reduces the complexity of market interaction leaving you free to focus on business productivity.

Quite simply, Flowtalk is the NEM rule book in a box and a whole lot more besides. Flowtalk can drastically reduce the complexity of your energy market connectivity and at the same time provide business critical data to help your business grow.



FLOWTALK NEM PROCESSES.

The Flowtalk NEM Module supports all of the mandatory data flow interactions for the AEMO MSATS system required for Retailers and Distribution Businesses and multiple market roles within these categories.

FLOWTALK NEM PROCESSES CONT.

The supported data flows include B2M customer transfer processes, B2B participant communication processes and Meter Data files.

Flowtalk is built on a platform of Microsoft BizTalk and SQL Server. Flowtalk's integration layer has the ability to function as a middleware (EAI) layer or an ESB (Enterprise Service Bus) between the GateKeeper market gateway component and existing internal core business systems, providing both a bridge to the market and shielding a participant's information systems from impacts related to ongoing changes in market data and specifications.

TRANSACTION TYPES.

FlowTalk NEM supports the following electricity market transactions:

- Meter Discovery and Standing Data Requests
- Customer Change Retailer Requests
- Market Report Requests
- Service Orders
- Customer Details Requests
- Customer Details Notifications
- Site Access Notifications
- Meter Data Requests
- Life Support Notification and Response
- One Way Notifications

ABOUT HANSEN TECHNOLOGIES

Hansen Technologies is a global leader in billing, data management and customer care. With over 40 years' experience, Hansen Technologies employs over 1000 experts. Hansen's proven and scalable solutions as well as innovative and flexible offerings, enable more than 500 clients to deliver cost-effective end-to-end business initiatives to improve their customers' experience.

Hansen has offices throughout the world in Denmark, Finland, Norway, Sweden, Germany, Netherlands, Australia, New Zealand, China, Argentina, South Africa and in the USA servicing 100 million customers in over 80 countries.

SYSTEM REQUIREMENTS.

The following specifications are suitable for production environment for a large retailer or distribution business. Other environments will require a subset of these specifications.

APPLICATION & IIS SERVER:

- MS Win Server 2016
- MS BizTalk 2013 R2
- 500GB HDD
- 16GB (2GB OS / 12GB FT)
- 4 CPU cores

DATABASE SERVER:

- MS Win Server 2016
- MS SQL Server 2014
- 1TB HDD
- 24GB (2GB OS / 20GB SQL)
- 4 CPU cores