

# ENERGY MARKET BUSINESS INTELLIGENCE.

# STANDING DATA REPOSITORY.

Hansen's Standing Data Repository (SDR) is a scalable, off-the-shelf software solution that is built for Australian energy market standing data requirements.

Our SDR is kept synchronised with the market hub, operated by AEMO, and this accurate replication of market standing data then enables your core business systems to be reconciled and kept in sync; thereby reducing data errors and improving process efficiencies.

A robust, reliable and scalable SDR is an essential component for all participants in the National Electricity Market (NEM).

Keeping standing data in tight synchronisation with the market and reducing data errors offers a range of benefits to the business which, in turn, enable improvements in revenue assurance, process efficiencies, marketing and customer satisfaction.

## BUSINESS VALUE

- Revenue Assurance
- Business Process Efficiency
- Targeted Marketing
- Increased Customer Satisfaction

The SDR helps improve the overall quality of standing data within your organisation by providing a central replica of market standing data that is accurate and timely. Standing data held internally across multiple applications can be compared in real time with the market view of standing data.

Mitigation of standing data errors is essential to the ongoing effectiveness of your key business processes. Integration of the SDR with downstream systems such as MDM and Network Billing solution helps in providing a reliable single source of truth for all your standing data.

The Standing Data Repository is also built to allow API-driven interaction to ensure your connected billing and MDMS systems have direct access to the standing data.

Australia's interval meter rollout has introduced new challenges for utilities with greatly increased volume of change across the meter base and a

## PRODUCT BENEFITS

- Data Quality
- Scalable
- Off the Shelf
- Downstream Reconciliation
- Ease of Use

corresponding increase in complexity of billing options, customer relationship management and energy trading systems.

Our SDR is delivered as a standalone solution ready for deployment and developed entirely for the Australian market. It benefits from our long experience in energy market connectivity and our intimate association with the operation of the local energy market.

As with all UtilisoftCX software, we maintain our solutions to current market versions as they are released and engage with you at the earliest opportunity to plan for upcoming changes to reduce impact and mitigate the risk to your business.

Hansen's SDR is the first choice for off-the-shelf Australian energy market standing data solutions.

## STANDING DATA.

The Standing Data Repository acts as a replica of MSATS standing data and implements the full market defined NMI History Model allowing users to view NMI details correctly in a temporal context.

The SDR can receive, validate and process CATS transactions and update the relevant standing data tables.

By unifying customer transfer history and standing data in one location, the SDR makes it possible to show a history model, sufficiently complex and complete, to identify what the NMI Standing Data has looked like at any point in time (past and present).

The major business benefits of the SDR are to:

- Provide MSATS replica and process CATS transactions
- Provide key reports to business users
- Enable integration with downstream systems
- Reconcile market data in core business systems
- Enable efficient management of standing Data errors
- Provide a simple interface for user and Administrators
- Operate in highly-scalable tier-1 AMI volumes

## MASTER TABLES.

- Master - CATS\_NMI\_DATA
- Roles- CATS\_NMI\_PARTICIPANT\_RELATION
- Data Stream - CATS\_NMI\_DATA\_STREAM
- Meter - CATS\_METER\_REGISTER
- Register - CATS\_REGISTER\_IDENTIFIER

## REFERENCE TABLES.

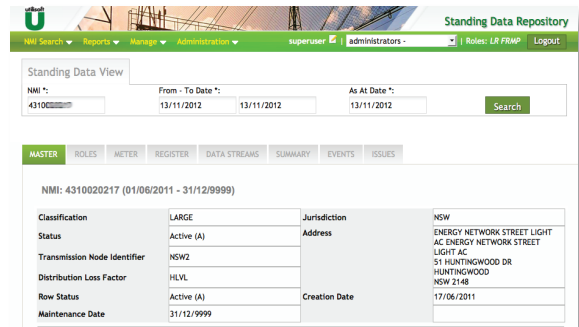
- CATS\_DLF\_CODE
- CATS\_EMB\_NET\_ID
- CATS\_TNI\_CODE

## LATEST RELEASE.

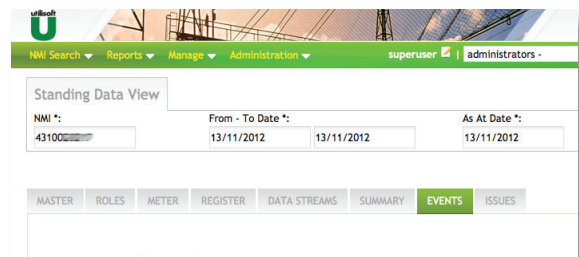
The recently released version 1.3 introduces several enhancements including: support for embedded network management, enhanced sorting and filtering, and, export of meter information to CSV.

## EXAMPLES.

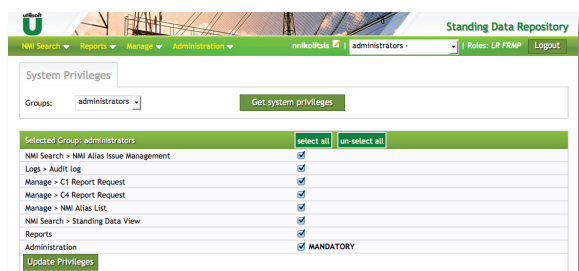
### MASTER



### EVENTS



### SYSTEM PRIVILEGES



## SYSTEM REQUIREMENTS.

The following requirements will suit a production environment (virtual or physical) for large retailers or distribution businesses. Other environments will require a subset of these specifications.

### APPLICATION SERVER DATABASE SERVER

- Windows 2016, Java 8
- 12GB Memory
- 200GB HDD
- Windows 2016.
- SQL Server 2016
- 32GB Memory
- 1TB HDD

### ABOUT HANSEN TECHNOLOGIES

Hansen Technologies is a global leader in billing, data management and customer care. With over 40 years' experience, Hansen Technologies Group 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.