

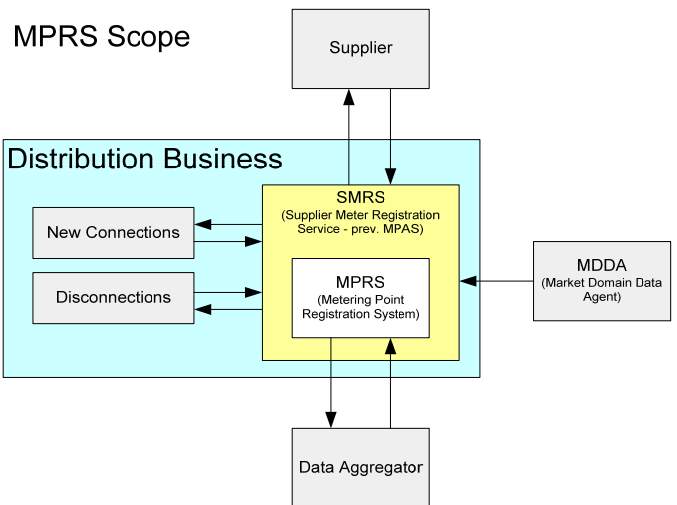
## MPRS Executive Overview

The Metering Point Registration System (MPRS) is a software solution for managing changes of supplier in the UK deregulated Electricity market.

MPRS provides the software component for satisfying (OFGEM's) Distribution Business' license conditions for the provision of a Metering Point Administration Service (MPAS).

Constructed in accordance with Part IV of the Master Registration Agreement (MRA), MPRS provides a master database of Metering Point and registration data and processes data flows between the relevant market participants.

MPRS builds upon 15 years of electricity industry experience.



### MPRS Scope

MPRS utilises a series of complex business processes to manage the lifecycle of a Metering Point (MPAN) from creation of a skeleton MPAN record right through to registering its disconnection. The majority of industry changes are received via electronic dataflows, which are validated, processed and result in MPRS being updated. Depending on the type of instruction, MPRS notifies the appropriate agent such as Data Aggregator, Supplier or Distributor in accordance with outbound flows required under the MRA.

MPRS is completed by its rich GUI, enabling users to query, report and amend data.

### Key Features

MPRS has been designed to meet the requirements of the MRA and its user community. Since going live in 1997, MPRS has continued to evolve and is regularly updated to reflect industry and user changes. Today MPRS represents a functionally rich application that is at the heart of competition in domestic electricity supply. The main features of the application include:

- Skeleton Metering Point Record creation (MRA 20.1)
- Change of Supplier (including Objection Processing & Contact Notice) (MRA 15/16/17)
- Distribution Business Changes (MRA 24.1 – 24.6)  
Such as LLF Class or address data changes
- Supplier Changes (MRA 24.7 – 24.13)  
Such as Data Aggregator, Meter Timeswitch Class or Energisation Status changes
- Disconnections (MRA 21)
- Market Domain Data (MRA 24.14 – 24.17)  
MPRS accepts both the full MDD (D0269) and incremental MDD (D0270)
- Refresh and Re-send (MRA 22/23/25)  
MPRS provides full data refreshes or individual MPAN refreshes to Suppliers or Data Aggregators
- Reporting (MRA 27) – MPRS has a comprehensive reporting capability  
22 standard reports which cover the mandatory reports required by the industry
- Internet extract to ECOES (MRA 31.1)

## Batch Processing

The application processes interface files by an overnight batch process. Files are formatted using an Industry Standard Data Transfer Catalogue (DTC) and are capable of transmission over the Industry's Managed Data Network Service (MDNS). All of the functionality associated with batch operation is also provided as manual input functions through a GUI client interface.

## Reports Suite

MPRS provides a comprehensive reporting suite, with scheduling permitted in batch or ad hoc. The report suite is designed to meet a Registration Service Agent's internal and regulatory requirements.

## Validation

MPRS is pre-configured with automatic validation. The application validates all incoming flows and returns a rejection when data is received that fails predetermined validation rules. Online validation is also performed to ensure data integrity is maintained.

## Technology

We recommend deployment as a three-tier thin client via Oracle Application Server, allowing end users to access the application through a web-browser.

MPRS is implemented as an Oracle RDBMS on an IBM P Series platform. The application components are constructed with Oracle technology for both the server-based components and client based components. Batch processes use Oracle's PL/SQL with reports on both client and server using Oracle's SQL\*Plus or Pro-C.

Batch processes use Oracle's PL/SQL. Reports on both application server and database server using Oracle's SQL\*Plus. A small number of Oracle Reports are used thus requiring Reports Services in addition to Forms Services.

## Licensing

MPRS is available on a commercial basis to Independent Distribution Network Operators (IDNOs) entering the market. If you would like further information on MPRS please **contact** St Clements.

## Why choose MPRS

St Clements has been building systems to assist with deregulation for fifteen years. MPRS is the UK's leading registration system; it is currently used by all fourteen of the Distribution Network Operators and all five Independent Distribution Network Operators.

- Robust – MPRS undergoes rigorous regression and high-volume performance testing (HVPT) for each new release.
- Scalable – HVPT of MPRS has confirmed it can support 3 million MPANS.
- Regulatory Compliance – MPRS design fully supports the requirements of Part IV of the MRA.
- Low Total Cost of Ownership – By operating under a fixed license agreement, MPRS shields IDNOs from bearing the cost of regulatory change individually.
- Support Arrangements – St Clements provides a full helpdesk support service via its Support Service Provider (SSP).

Find out more:

Talk to a product expert

Arrange a demonstration of MPRS

**Contact us:** email [mprs@st-clements.co.uk](mailto:mprs@st-clements.co.uk) or call 01327 314600