

# MHHS SERVICES: SUMMARY GUIDE

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## The Meter Data Retrieval Service (MDR)

The Meter Data Retrieval Service is the Service that submits Service Requests via the Data and Communications Company (DCC) according to a Service Request type and schedule provided by the Processing Service (PSS) for each Metering Point Administration Number (MPAN), for which the service is responsible. The MDR will be required to accede to appropriate industry Codes such as the Smart Energy Code (SEC) to fulfil its responsibilities. The MDR will have read-only access to the smart Meters but will not be able to configure tariff related information.

## What is a Service Request?

A Service Request is a request to the DCC to undertake actions relating to a smart Meter. Valid request types are set out the [DCC User Interface Specification \(DUIS\)](#). The type of Service Request submitted by the MDR will be read-only requests for various types of Meter data. Most request will be future dated although instantaneous request maybe required in some circumstances e.g. for closing reads on removal of Metering Systems.

## How will the MDR obtain the smart Meter data?

The MDR will access the required scheduling for new MPANs or MPANs where the Service Request requirements have changed from the PSS. The Service Request will include requests for data from the Active Import and Active Export data logs, the daily consumption log, the daily read log and the cumulative register where appropriate. The schedule will also be set (e.g. for daily, weekly or Monthly schedules).

According to the schedule, the MDR will receive the requested data from the smart Meter via the DCC and process it. The MDR may also receive and forward data quality alerts. The MDR may also interact with the Smart Metering Service (MSS) to obtain opening, closing or up to date readings before a Meter is removed or decommissioned.

## How does the MDR process the data?

On receipt of the scheduled data from the DCC the MDR will open the Service Request data and convert it into the formats required by the PSS. This will include mapping the data back to the MPAN to which the data relates. The MDR will then provide the data to the PSS (and Balancing Responsible Party (BRP) if required).

## What are the timescales?

The MDR will process data received from the DCC according to the scheduled Service Requests. The data will be notified to the PSS as soon as it is available.

## Service Summary:

This service will be responsible for:

- Retrieving the Active Import and Active Export profile data log (Settlement Period level) data from smart Meters where required for Settlement. This retrieval will be achieved via the Data and Communications Company service;
- Retrieving Register Readings for Active Import Registers and the Active Export Register and Daily Consumption data from smart Meters where required for Settlement. This retrieval communication method will be achieved via the Data and Communications Company service; and
- Providing access to the retrieved data to the Processing Service for smart and non-smart Metering Systems (PSS).