
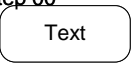












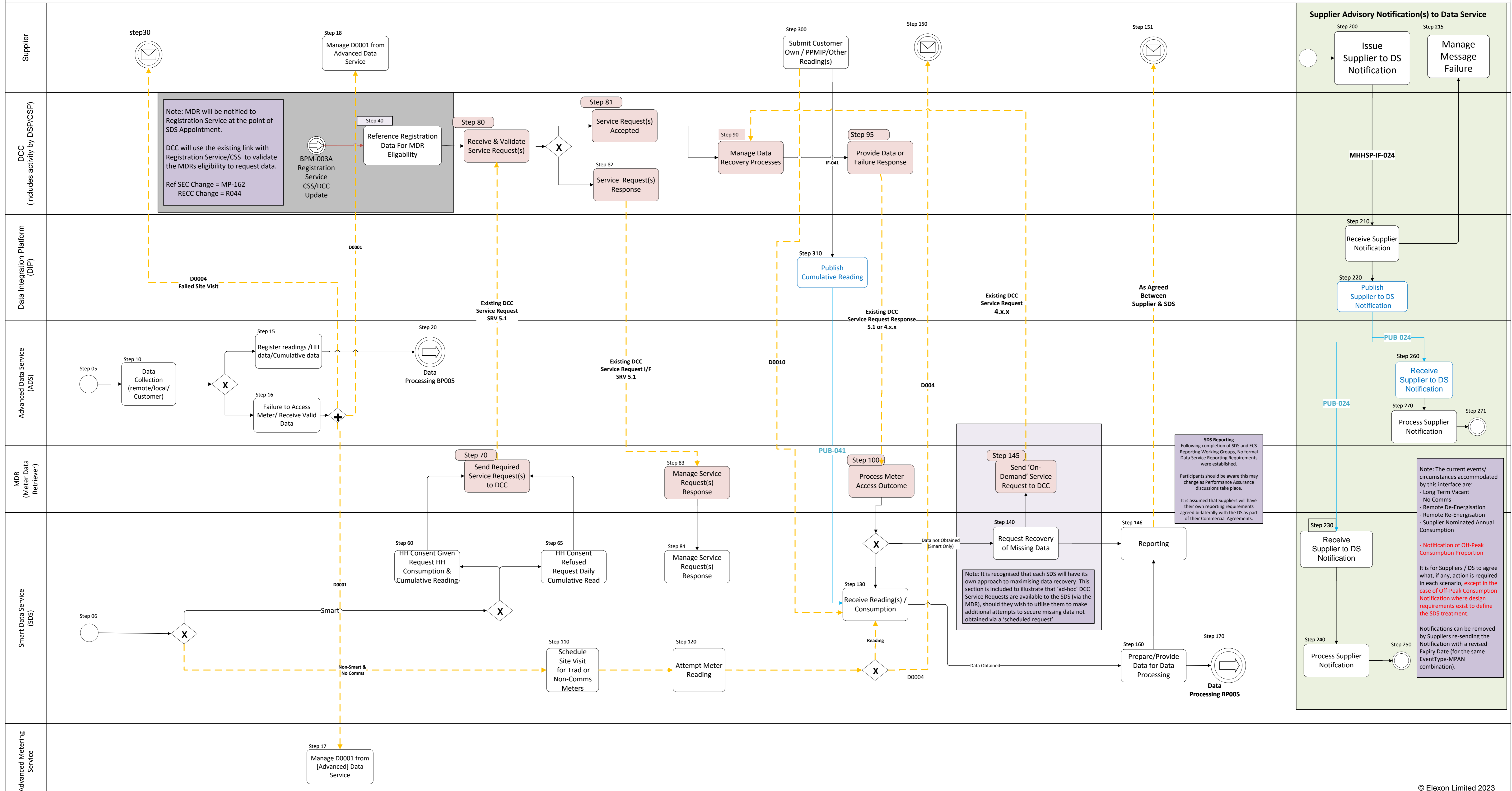
<b>Version</b>	<b>Description</b>	<b>Author</b>	<b>Date</b>
0.01	First draft based on AWG Consultation Documentation	MHHS Design Team	23/09/2021
0.02	Updates following Design Team Reviews	MHHS Design Team	4/11/2021
0.10	Updates following WG Review, addition of MDR swim lane note; On-Demand Request and accompanying note; other cosmetic changes. Issued for Work Group Review	MHHS Design Team	22/11/2021
0.11	Updates following comments from BPRWG and Advanced & UMS WG	MHHS Design Team	27/01/2022
0.12	Updates following comments from BPRWG and Advanced & UMS WG	MHHS Design Team	09/02/2022
0.13	Further updates to UMS map following feedback comments	MHHS Design Team	11/02/2022
0.14	Updated to reflect the new Interface and Publication numbers	MHHS Design Team	17/02/2022
1.00	Issued to BPRWG for Review	MHHS Design Team	21/02/22
1.01	Updated following BPRWG for Review	MHHS Design Team	23/02/22
1.10	Re-Issued for BPRWG Review	MHHS Design Team	25/03/22
2.00	Issued for DAG Review	MHHS Design Team	26/04/22
3.00	Issued for T4 Review	MHHS Design Team	05/08/22
3.5	Industry Review	MHHS Design Team	14/10/22
4.0	Baselined DAG Approval	MHHS Design Team	31/10/22
4.5	issued for M5 Work Off Plan assurance review	MHHS Design Team	16/12/22
4.6	issued for M5 Work Off Plan approval	MHHS Design Team	20/01/23
5.0	DAG Baseline	MHHS Design Team	16/02/23
5.1	DIN-243 – Incorporation of CR#15	MHHS Design Team	04/07/23



Item	Description
	Process
Step.00 	Task
	Decision gateway
	Initiate multiple steps
	Collapsed sub-process
	Message
	Start BPM
	End BPM
	Sequence flow – Black = Process Step / Blue = DIP Output
	Message flow - Orange = 3 <sup>rd</sup> Party / Red = TBD

MHSP-BP-004A – Data Collection – v5.1

<p><b>Business Process Description</b> This BPM diagram describes the 'Data Collection' Business Process. For a detailed description of each step in the BPM, please refer to the accompanying Business Process Descriptions [BPD] document for this Business Process.</p>	<p><b>Actors</b> Supplier DCC Data Integration Platform MDR Data Service (SDS, ADS) Advanced Metering Service (MSA)</p>	<p><b>MHHS Interfaces</b> MHHS-IF-041 Cumulative Reading MHHS-IF-024 Supplier Advisory Notification to DS</p>	<p><b>Publication List</b> PUB-041 Cumulative Reading PUB-024 Supplier Advisory Notification to DS</p>	<p><b>BPM included as part of the process</b> N/A</p>	<p><b>BPM Entry</b> MHHS-BP001-Change of Supply MHHS-BP003-Change of Agent – Data Services MHHS-BP008 – Change of Energisation</p>	<p><b>Exit BPM</b> MHHS-BP005-Data Processing</p>
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**Note:**  
It is recognised that some Suppliers may choose to perform the 'MDR function' of the SDS themselves, so as to re-utilise the Supplier-DDC access they may already have in place, or to share data already recovered for valid business purposes with the SDS. Indeed it is expected that there might be various different implementation models – ranging from complete separation of Supplier, SDS, MDR function though to a more 'mixed' or 'blended' model.

This process map shows the 'necessary' interactions between the 'Supplier' and the 'SDS' as if they were entirely separated. The mode, mechanism & governance of data exchange between the 'SDS & MDR function', is not proscribed by the MHHS Design; neither is the exchange of any data which might or might not need take place between the Supplier and the SDS as part of a more 'blended' implementation of the TOM.

**Note:**  
The process map above is a stylised representation of the interactions between the MDR and the DCC [peach shaded boxes], for the purposes of collecting data to support MHHS processes and functions. It is not intended to be an exact replication of the DCC connection patterns and interfaces. A list of the principle Service Requests is shown in the box opposite.

For further information on interaction with the DCC please reference the SEC DUIS and other guidance documentation using the links below.

<https://smartenergycodecompany.co.uk/the-smart-energy-code-2/>  
<https://smartenergycodecompany.co.uk/download/18822/>  
<https://smartenergycodecompany.co.uk/download/2390/>

**Note:**  
Summary of key DCC Service Request ID's required to support MHHS activity:

- 4.2 Read Instantaneous Export Register Values
- 4.6.1 Retrieve Import Daily Read Log
- 4.6.2 Retrieve Export Daily Read Log
- 4.8.1 Read Active Import Profile Data
- 4.8.3 Read Export Profile Data
- 4.17 Retrieve Daily Consumption Log
- 5.1 Create Schedule Wrapper
- 5.2 Confirm Schedule
- 5.3 Delete Schedule

**SDS Reporting**  
Following completion of SDS and ECS Reporting Working Groups, No formal Data Service Reporting Requirements were established. Participants should be aware this may change as Performance Assurance discussions take place. It is assumed that Suppliers will have their own reporting requirements agreed bi-laterally with the DS as part of their Commercial Agreements.

**Note:** The current events/circumstances accommodated by this interface are:  
 - Long Term Vacant  
 - No Comms  
 - Remote De-Energisation  
 - Remote Re-Energisation  
 - Supplier Nominated Annual Consumption

- Notification of Off-Peak Consumption Proportion

It is for Suppliers / DS to agree what, if any, action is required in each scenario, except in the case of Off-Peak Consumption Notification where design requirements exist to define the SDS treatment.

Notifications can be removed by Suppliers re-sending the Notification with a revised Expiry Date (for the same EventType-MPAN combination).

**Business Process Description**  
This BPM diagram describes the 'Data Collection' Business Process. For a detailed description of each step in the BPM, please refer to the accompanying Business Process Descriptions [BPD] document for this Business Process.

**Actors**  
Data Service (UMSDS)  
Metering Service (UMSO)

**MHSP Interfaces**  
N/A

**Publication List**  
PUB-047 Notification of the Publication of a Downloadable Asset

**BPM included as part of the process**  
N/A

**BPM Entry**  
MHSP-BP001-Change of Supply  
MHSP-BP003-Change of Agent – Data Services

**Exit BPM**  
MHSP-BP005-Data Processing

