



Retail Market Design Service

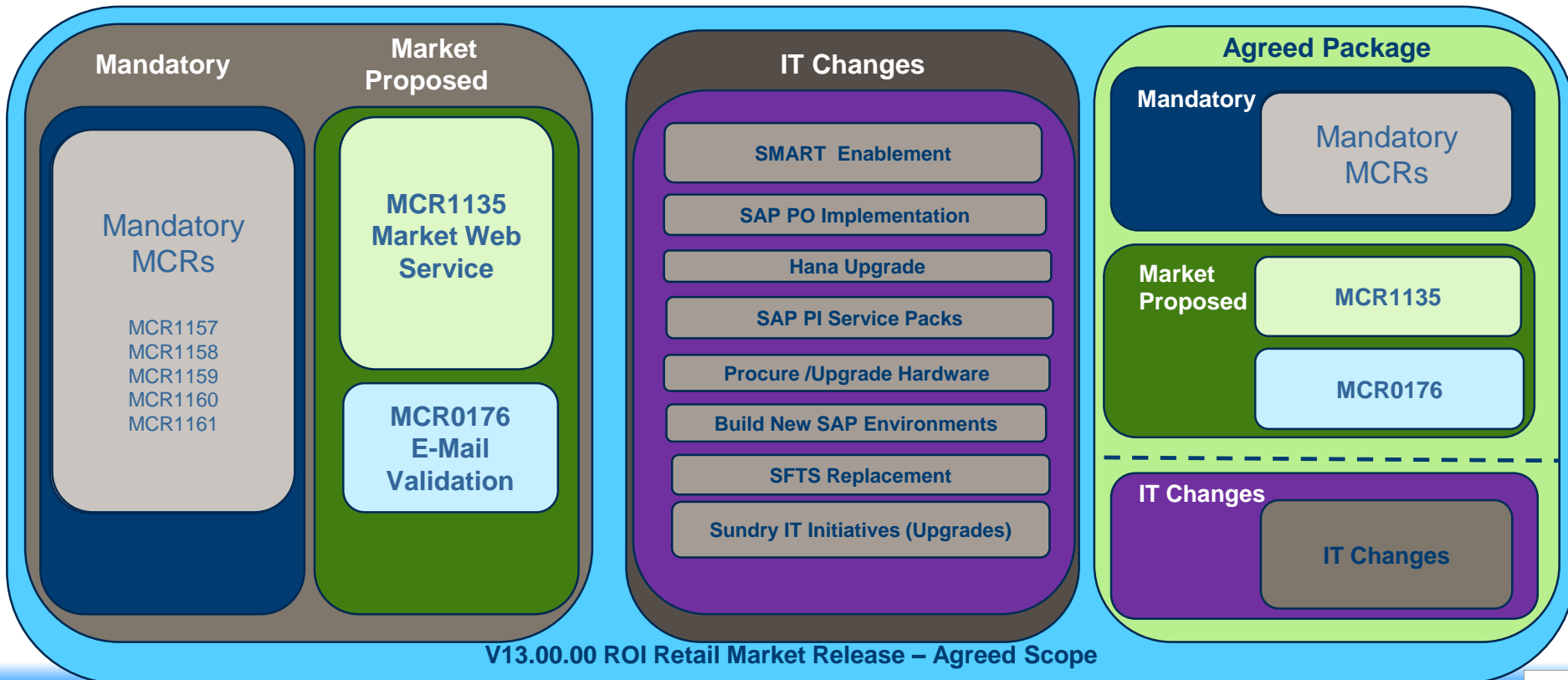
V13.00.00 ROI Retail Market Release

Market Participant Engagement Workshop - Re-Versioned MCR1135 V3.0

Thu 4th April 2019

- **Background**
- **Workshop Objective**
- **Overview of Re-Versioned MCR1135 V3.0**
- **Summary of Proposed Solution**
- **Key Supplier Considerations**
- **Next Steps**
- **Queries**

- During the Prioritisation Process in May 2018 MCR1135 was proposed for inclusion in the v13.00.00 Retail Market Release by Market Participants
- This MCR was included in the package agreed with all Market Participants on Thu 9th Aug 2018 subject to re-versioning to MCR1135 V3.0



Workshop Objective

- The objective of today's engagement workshop is to discuss the following:
 - Draft re-versioned MCR1135 V3.0 and XML File format published by RMDS - Thu 21st Mar
 - Solution proposed to meet market requirements for MCR1135.
 - Design dependency between MCR1135 and MCR1159 Change of Supplier which is also being implemented in v13.00.00 Retail Market Release
 - Mechanism for ensuring continuous alignment between MCR1135 and MCR1159 throughout the delivery of v13.00.00 Retail Market Release
- The outcome of this collaborative re-versioning activity will be the agreed re-versioned MCR1135 'MPRN Enquiry' web service V3.0



Retail Market Design Service

High Level - DRAFT MCR1135 V3.0

Overview of Re-Versioned MCR1135 V3.0

MCR1135–Market Web Service-V2.0 (Previous)

Assumptions

- Considerable engagement will be required with Market Participants to review and finalise detailed requirements and reversion the MCR
- Exact details of market participants utilisation of end solution will need to be agreed
- Functionality will cater for Change of Supplier (Request/Reject/Response) process only
- ROI Extranet solution will remain to be used and this new solution must not impact on this application
- The Webservice will accept structured input parameters from Suppliers in a format to be agreed during early engagement
- Suppliers will be ready for December 2020 (Suppliers IT system changes with resourcing)

Dependencies

- Agreement of associated Legal agreements and Fair Usage policies in a timely fashion
- Data Protection considerations

Role of Suppliers

- Proactive Participation to meet objectives and timelines
- Commitment to significant level of engagement to agree detailed design
- Engage with ESNB on expected volume/timing/frequency of calls on this new solution
- Consider how intended use of this new solution may change current use of ROI Extranet
- Any proposed future enhancements will be considered within prioritisation process for future releases

Constraints

The following caveats apply:

- End solution cannot negatively impact on the performance or security of the Central Market Systems (CMS)
- Integrity and performance of the CMS will be continuously monitored through every phase of the delivery of the 2020 Market Release and enduring solution

MCR1135 – MPRN Enquiry Web Service DRAFT V3.0

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- Considerable engagement will be required with Market Participants to review and finalise detailed requirements and reversion the MCR
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- Functionality will cater for Change of Supplier (Request/Reject/Response) process only
- ROI Extranet solution will remain to be used and this new solution must not impact on this application
- The Webservice will accept structured input parameters from Suppliers in **XML** format to be agreed during early engagement
- Suppliers will be ready for December 2020 (Suppliers IT system changes with resourcing)

Dependencies

- Agreement of associated Legal agreements in a timely fashion
- Data Protection considerations

Role of Suppliers

- Proactive Participation to meet objectives and timelines
- Commitment to significant level of engagement to agree detailed design
- Engage with ESNB on expected volume/timing/frequency of calls on this new solution
- Consider how intended use of this new solution may change current use of ROI Extranet
- Any proposed future enhancements will be considered within prioritisation process for future releases
- **Market Participants utilisation of this service will be subject to the following protocols:**
 - **User Authentication**
 - **Security**
 - **Performance**

Constraints

The following caveats apply:

- End solution cannot negatively impact on the performance or security of the Central Market Systems (CMS)
- Integrity and performance of the CMS will be continuously monitored through every phase of the delivery of the 2020 Market Release and enduring solution

Proposed Solution – Overview

- This proposed solution is to provide an 'MPRN Enquiry' web service for ROI.
- The scope of this proposal when implemented, will align with the v13.00.00 Retail Market Release 'To-Be' version of the 'MRPN Enquiry screen' of the ROI RMP Extranet system
- ESNB have no plans to withdraw provision of the ROI RMP Extranet due to implementation of MCR1135
- The functionality that supports the Market Message Enquiry, New Connections, PMP, Appointments as well as sundry MPRN enquires will continue to be provided on the ROI RMP Extranet.

Proposed Solution – Planned Market Utilisation

RMDS

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- ESNB will engage with Market Participants to confirm their planned utilisation of the web service.
- This will include agreement of upper limits which will support market requirements while ensuring no negative impact on the performance or security of the Central Market Systems.
- The exact limits will be confirmed following discussion with market participants.
- Unlimited on demand information will not be available (e.g. unlimited Webservice calls per MPRN per 24hour period; Available 24/7).

Proposed Solution – High Level Design

- **This web service solution will be added to the suite of Central Market Systems (CMS).**
- **Market Participants will be responsible for developing their own back end systems to integrate with this web service.**
- **Market Participants may decide not to avail of this service**
- **Calls to the Web Service will be driven by Market Participants systems.**
- **All calls will be subject to the following protocols:**
 - User Authentication
 - Security
 - Performance

Proposed Solution – High Level Design

- **MPRN Enquiry information requests will be subject to validation.**
- **Meter Point Status must have a status of D or E for data to be returned.**
- **If the request is invalid then**
 - The appropriate response will be sent back to the Market Participant.
- **If the request is valid:**
 - Then appropriate information will be extracted from CMS and returned through the same channel to the requesting Market Participant.
- **Market Participant requests should be issued via HTTPS to this web service.**
- **ESBN responses will be issued in XML format.**
- **The format and fields are outlined in the MS Excel file circulated by RMDS**
- **Metadata will be provided at a later stage.**

Market Participants – Key Considerations

ESBN would like to highlight the following considerations to Market Participants.

Further engagement will be required on these elements over the course of the implementation of this MCR.

- **Legal Agreements must be agreed between ESBN and any Market Participant intending to avail of this web service**
- **A fair usage policy will be implemented.**
- **Integrity and performance of the Central Market Systems (CMS) will be continuously monitored through every phase of the delivery of this MCR and the enduring solution**

ROI RMP Extranet – ‘MPRN Enquiry’ Screen

- MCR1135, when implemented, will align with the v13.00.00 Retail Market Release ‘To-Be’ version of the ‘MRPN Enquiry screen’ of the ROI RMP Extranet system:



ESB Networks Exit | Help

MPRN ENQUIRY | NEW CONNECTIONS | MESSAGES | PMP

Metered MPRN dataset

Back to Search | Electrical completion cert

MPRN xxxxxxxxxxxx

Customer Name		Meter Point Status						
Name:		Meter Point Status:	Energised					
		Registration Status:	Registered					
Meter Point Address		Connection Agreement:						
Unit No:		Trading Site Flag:						
House No:	16	Essential Plant:						
Address Line 1:		Technical Details						
Address Line 2:		DUos Group:	DG1					
Street:	ELY GREEN	MIC:	8 kVA					
Address Line 4:	OLDCOURT ROAD	Connection Voltage:	LV					
Address Line 5:	TALLAGHT	Standard Profile:	1					
Postal Code:		Customer Information						
City:	DUBLIN 24	Customer attribute:						
County:	DB							
Country:	IE							
Meter Details								
Metering Class	NQH	Meter Location:	Outside Box					
Meter Configuration Code:	MCC01	Last Actual Read Date:	28.02.2019					
		Read Cycle Day	41					
Eligibility for QH Metering:		Next Read Date:	02.05.2019					
List of Meters								
Meter Category	Serial Number	Date Meter Installed	Meter Register Sequence	Timeslot	Reg Type	Pre Decimal digits	Post Decimal digits	Multplier
RM006	Z00096840	26.02.2003	001	24H	01	05	00	1.00000

Note: Above screenshot of the current, V11.00.00 Retail Market Design, 'MPRN Enquiry' screen of the 'ROI RMP Extranet' included for reference purposes only

MCR1135 - V13.00.00 Market Design Dependency

- Due to a dependency in Market Design relating to the ROI RMP Extranet, and Downloadable Meter Point Files, continuous alignment is required of MCR1135 and MCR1159 throughout all stages of design and implementation of the v13.00.00 Retail Market Release.
- Any re-versioning required to MCR1159 may require a re-versioning of MCR1135

MCR1135 MPRN

Enquiry Web

Service:

This MCR tracks all market requirements for the proposed web service solution

All 'MPRN Enquiry' Web service Requirements

Distinct Market Design

MCR1135

Design Dependency:

- ROI RMP Extranet
- Downloadable Meter Point Files

Shared Market Design

MCR1159

All other Requirements for MCR1159 Change of Supplier

Distinct Market Design

MCR1159 Change of Supplier:

This MCR track all Smart requirements for changes to ROI RMP Extranet and Downloadable Meter Point Files

- **Market Participant submit feedback to RMDS – cob Fri 12th April**
- **RMDS publish re-versioned MCR1135– cob Thu 18th April (TBC)**
- **Target approval of agreed re-versioned MCR1135 V3.0 via standard mechanisms – next IGG sitting - Wed 1st May (TBC)**
- **Further engagement, and re-versioning will be required following detailed design**

Queries?



Thank You

Appendix

MCR1135 – DRAFTs Circulated Thu 21st Mar

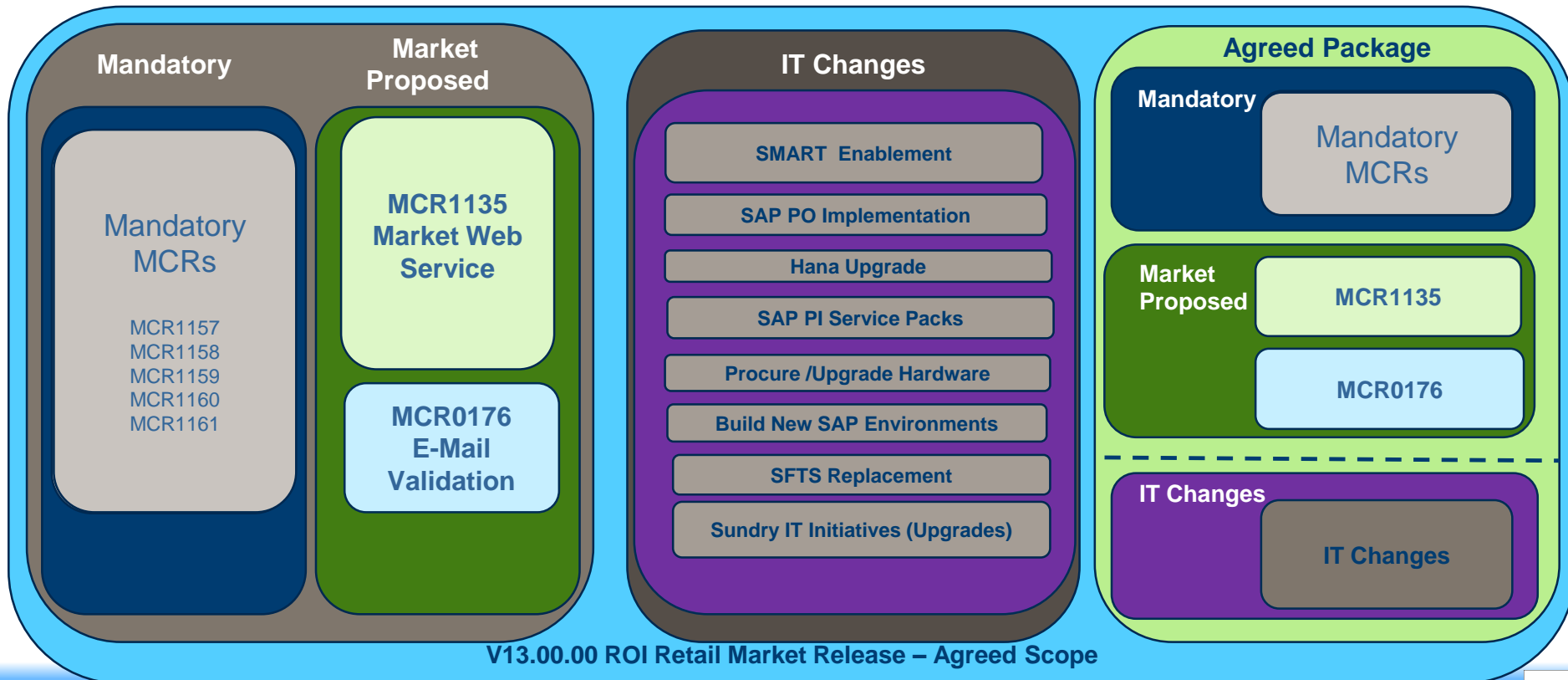
- RMDS circulated DRAFT re-versioned MCR1135 V3.0 [LINK](#)
- RMDS circulated DRAFT Microsoft Excel – XML File Format [LINK](#)

V13.00.00 Retail Market Release - Agreed Scope

RMDS

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- The scope of the v13.00.00 Market Release agreed with Market Participants following prioritisation on **Thu 9th Aug 2018**
- **RMDS Website:** <https://rmdservice.com/2018/08/09/retail-market-prioritisation-process-agree-package-for-delivery-09-08-2018/>



V13.00.00 ROI Retail Market Release – Agreed Scope