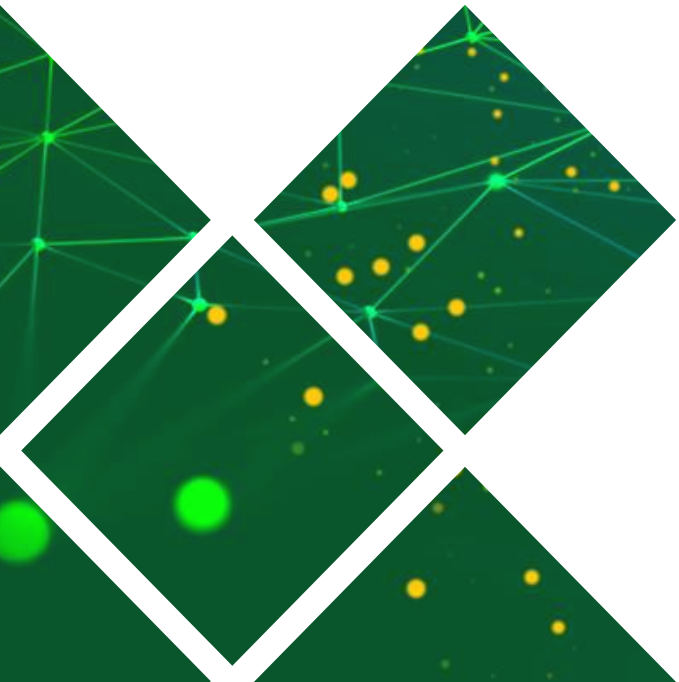


SEC CHANGE MONTHLY WORKING GROUP MEETING

APRIL 2023



COMPETITION ACT COMPLIANCE

It is everyone's responsibility to say something

The Chair will move the conversation on



HOUSEKEEPING

- Please raise your hand
- Please be clear, explain acronyms
- This session will be recorded for minuting purposes, please be courteous!
- Just a reminder that we should be able to have free discussions of ideas



INTRODUCTIONS

- When I say your name please:
 - Say hello so we can check your audio is working
 - Which company you are from
 - If you are a Supplier/Network Party/other



■ MP168: 'CPL Security Improvements'

Raised by Gordon Hextall on behalf of the Security Sub-Committee (SSC)

■ Objectives of the Working Group

REVIEW	The DCC Assessment Response
AGREE	The draft legal text will deliver the Proposed Solution
AGREE	The next steps

Overview

Current arrangements

- [SEC Appendix Z 'CPL Requirements Document'](#) details the requirements for Devices to be allowed on the [Central Products List](#) (CPL)
- Device Manufacturers are required to Digitally Sign the CPL Submission if it contains the Hash of a Manufacturer Image
- DCC or Suppliers are required to provide those details to the Panel (via SECAS)
- The SEC Panel (via SECAS) authenticates the CPL submission originates from the person who created the Image and is endorsed by a Supplier*

Issue

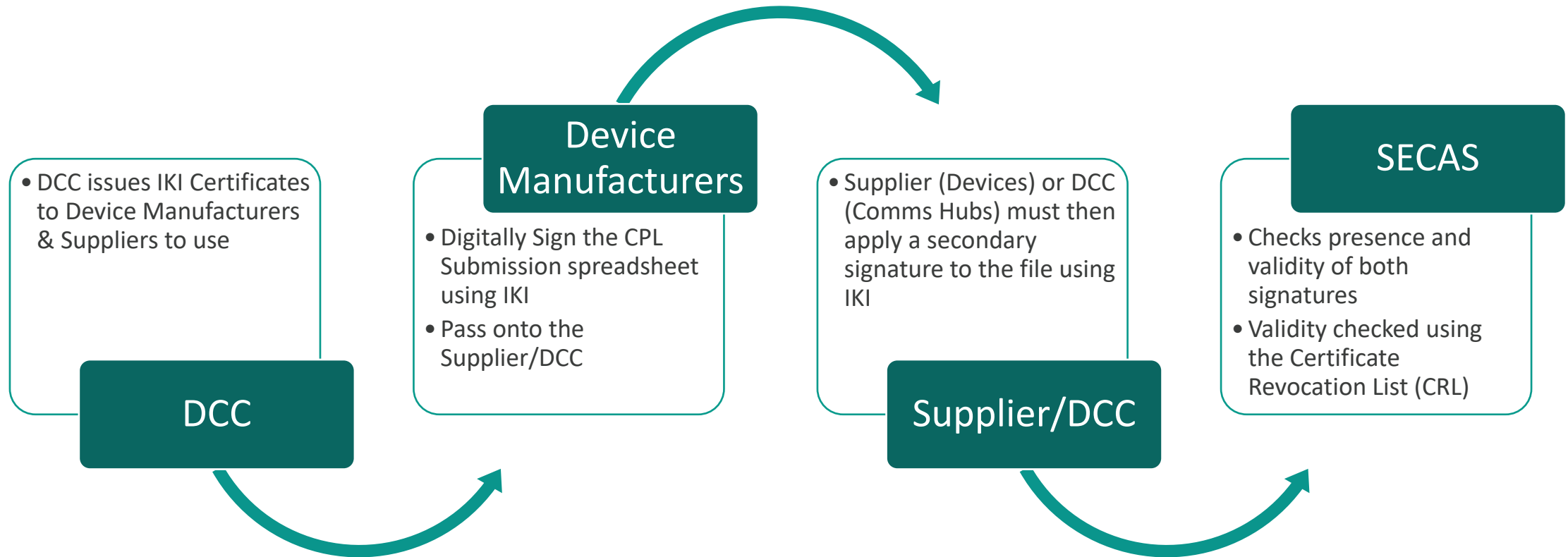
- The SSC established this authentication of the manufacturer signing the CPL Submission is not sufficient
- The Supplier or the DCC sends the confirmation via email
- Therefore, neither a Supplier nor the SEC Panel can fully meet the SEC obligation

*If approved [MP222 'CPL submission efficiency improvements'](#) will be implemented in June 23 and remove requirement for Suppliers to endorse CPL submissions

■ Business Requirements

Ref	Requirement
1	The DCC shall publish the Infrastructure Key Infrastructure (IKI) Certificate Revocation List (CRL) on-line for a range of uses that require authentication via IKI (e.g. CPL submissions)
2	Any organisation that needs to authenticate IKI Certificates is given access to and is required to check the CRL when receiving requests authenticated with an IKI Certificate
3	It shall be possible for non-SEC Parties (e.g. Device Manufacturers) to apply for IKI Certificates

■ Proposed Solution summary



How to obtain IKI Certificate

IKI Certificate applicant

- Device Manufacturer/Supplier/ SECAS
- Completes appropriate form located in SMKI RAPP Annex

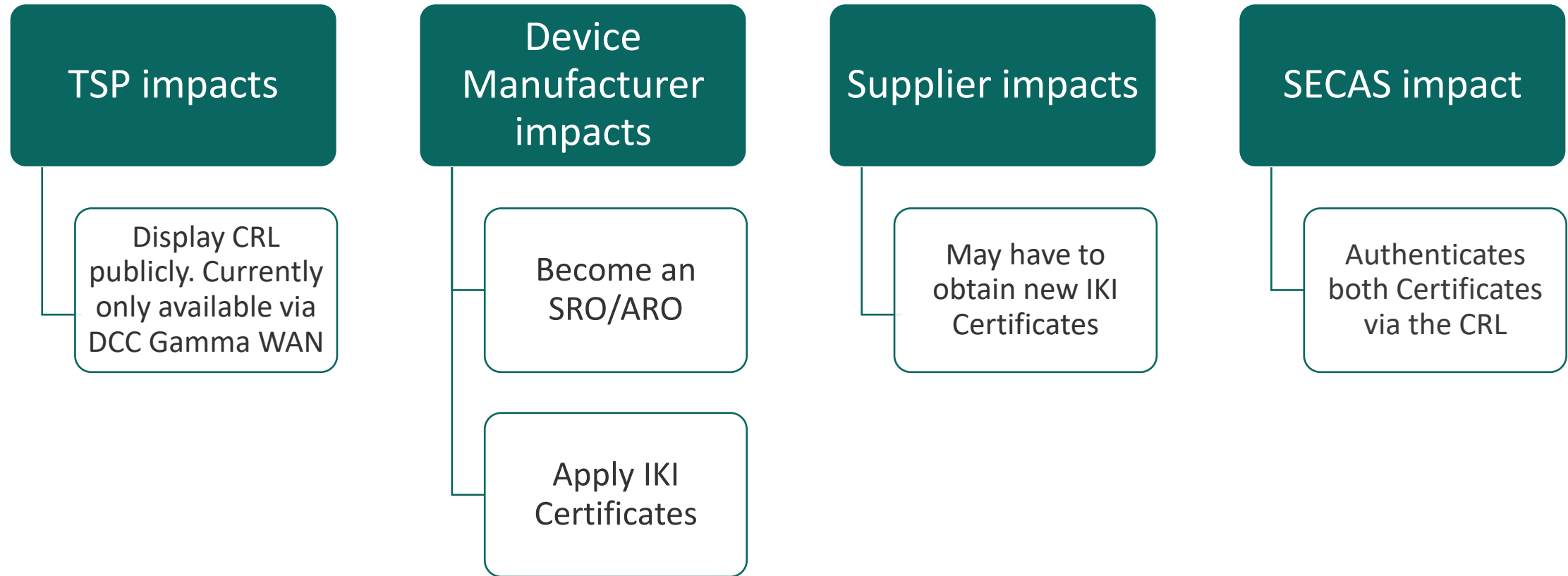
DCC

- Acting as SMKI Registration Authority (RA)
- Verifies the request and applicant remotely
- Sends out the IKI Token which contains the IKI Certificate via secure transit method.

Procedures detailed within the SMKI RAPP (Registration Authority Policies and Procedures)

- 5.2 'Senior Responsible Officer'
- 5.3 'Authorised Responsible Officer'

■ Assessment Impacts



■ Impact Assessment Summary

Cost (Design, Build & Testing)

- Less than £25,000

Implementation

- Expected to take **one month** up to implementation
- Totally separate from DCC Total System
- Could target **November 2023** SEC Release or **Ad-hoc SEC Release** if deemed urgent

Reference to 'SECCO, a Party or an RDP'

- Section A 'Definitions and Interpretations'
- Section L 'SMKI and DCC KI'
- Appendix D 'SMKI Registration Authority Policies and Procedures'
- Appendix Q 'IKI Certificate Policy'

Appendix Q (IKI Certificate Policy)

- Clause 4.9.9 update to allow CRL to be checked on-line

■ Questions for the Working Group

Does the Proposed Solution deliver the business requirements?



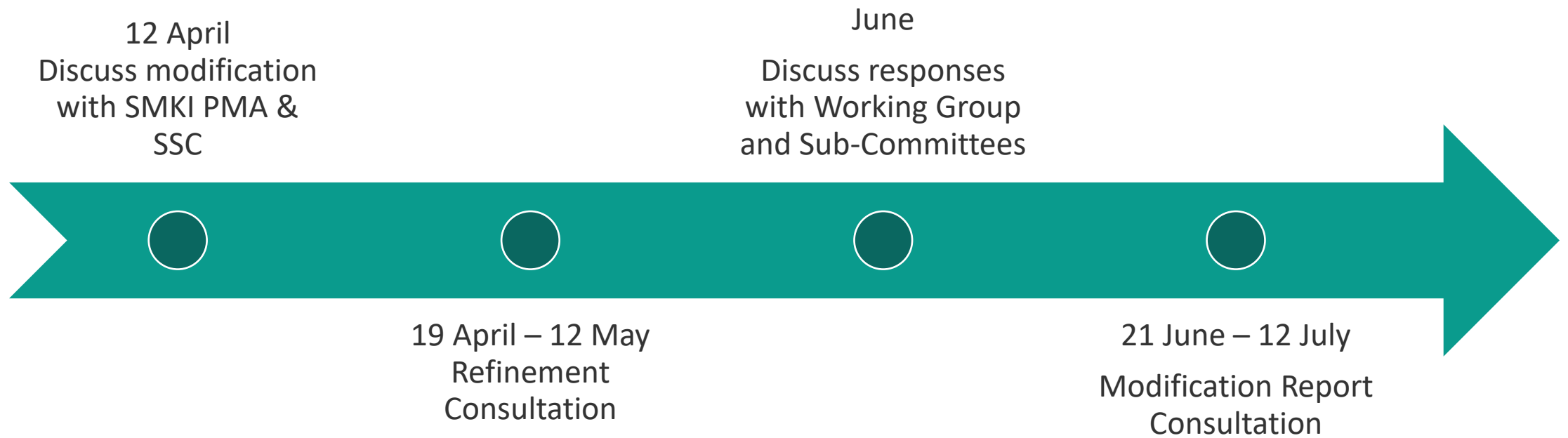
Does the modification represent value for money?

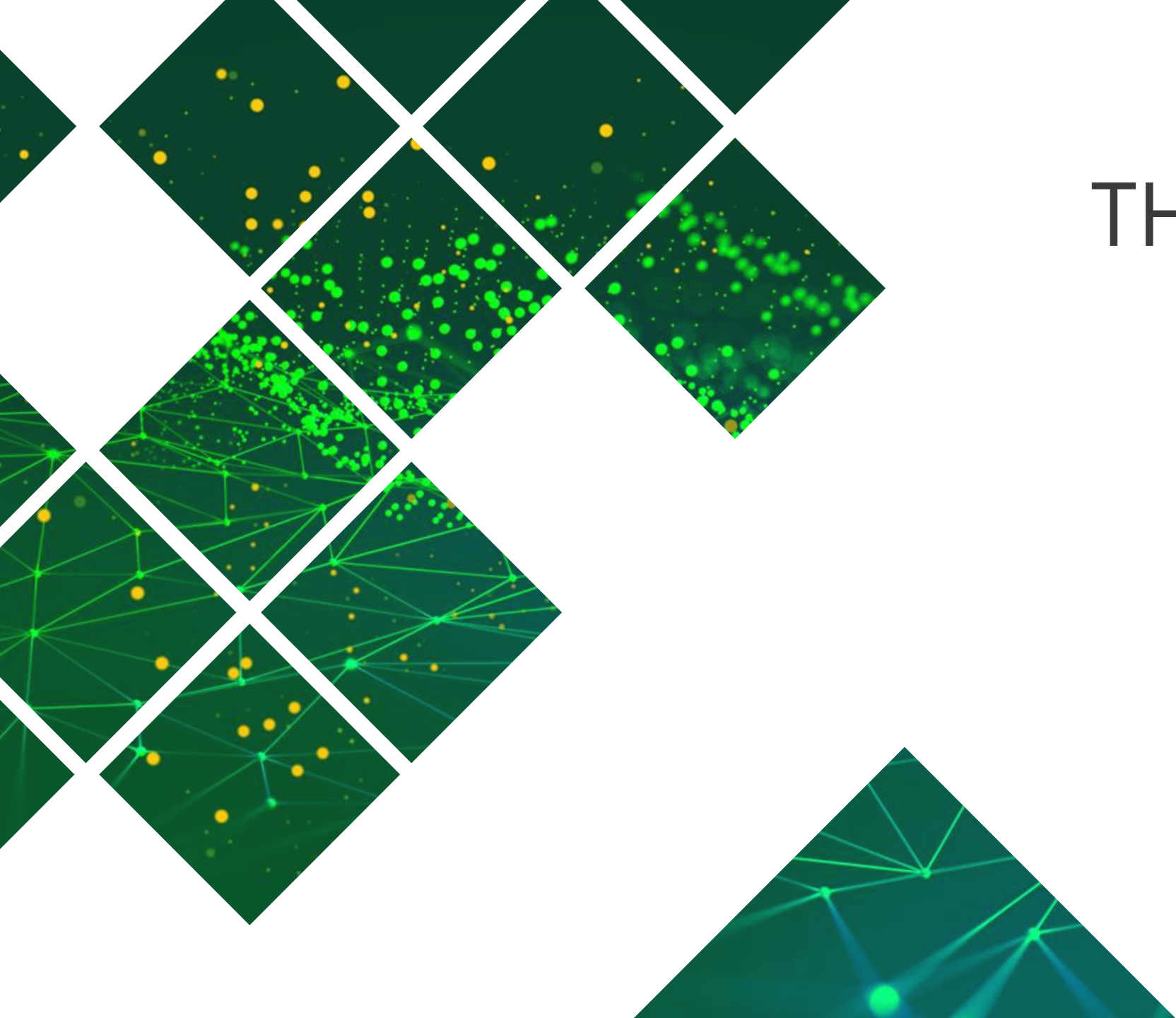


Are there other areas of legal text to be addressed?



Next Steps





THANK YOU FOR LISTENING

ANY QUESTIONS

■ MP169 'Managing SEC Obligations and the Consumer's Right to refuse a Smart Meter'

Raised by Emslie Law from OVO Energy

■ Objectives of the Working Group

REVIEW	The DCC Preliminary Assessment Response
REVIEW	The considerations
AGREE	The next steps

Issue

- Consumers are approaching their Suppliers to have smart meters installed in 'dumb' mode.
- There is currently no way to do this without impacting other obligations within the SEC.
- Non-communicating Devices appear as instances to be resolved.

Proposed Solution

- A process whereby Service Requests relating to consumer data can be restricted.
- Additional step to 'all reasonable steps'.
- A DSP System flag indicating that a Smart Meter has restricted communications due to consumer choice.

■ Business requirements

Ref.	Requirement
1	Suppliers will be able to notify the DCC of the consumer's preference for Smart functionality.
2	A DCC System flag will be created to indicate if communications with a Device have been reduced due to consumer choice.
3	The responsible Supplier will be able to request the addition and removal of the DCC System flag, subject to its adherence with all reasonable steps for Smart installations.
4	Critical, Security and Safety Alerts and Firmware updates will still be sent when communication with a Device has been reduced due to consumer choice.
5*	The Data Service Provider (DSP) will notify the Communications Service Provider (CSP) when a DCC System flag has been applied.
6	The DCC to amend any reporting for which the success/failure of Service Requests relating to energy consumption is a metric to allow for exceptions where communications have been reduced due to consumer choice.

■ Considerations

- Business requirement 5 “is a significant driver of cost and complexity” – what is the impact of removing this requirement?

■ Preliminary Assessment solution

DSP

- Introduce concept of 'Restricted' flag to applicable Device types (SMETS2+ only).
- Provide mechanism via SSI/SSMI whereby a Supplier can set (or clear) 'Restricted' mode.
- Limit SRVs that can be delivered to 'Restricted' Devices – the list of allowed SRVs will be configurable.

CSPs

- Receive and store indicator from DSP to allow systems to recognise 'Restricted' state.
- Ensure this indicator is visible to service desk users.
- Introduce reporting functionality to ensure 'Restricted' Devices are not included in relevant monthly performance measures.

DCC

- Update Service Centre processes and knowledge articles to include verification of and procedures for dealing with 'Restricted' Devices as part of Incident triage.
- Uplift, test and release Parse & Correlate and DCC Boxed software to use the new DUIS schema.

■ Preliminary Assessment Summary

Cost (Design, Build & PIT)

- £1,291,600 – £1,690,600

Implementation

- Estimated timeline of nine months from approval to end of PIT.
- Based on the existing requirements, the total fixed price cost for a Full Impact Assessment is **£131,423** and would be expected to be completed in **50 Working Days**.

DUIS changes to:

- add a new ResponseCode to indicate to Service Users where a request has been rejected due to a Device being in 'Restricted' mode; and
- amend SRV 8.2 Read Inventory Response to include 'Restricted' indication.

■ Questions for the Working Group

Does the Proposed Solution deliver the business requirements?



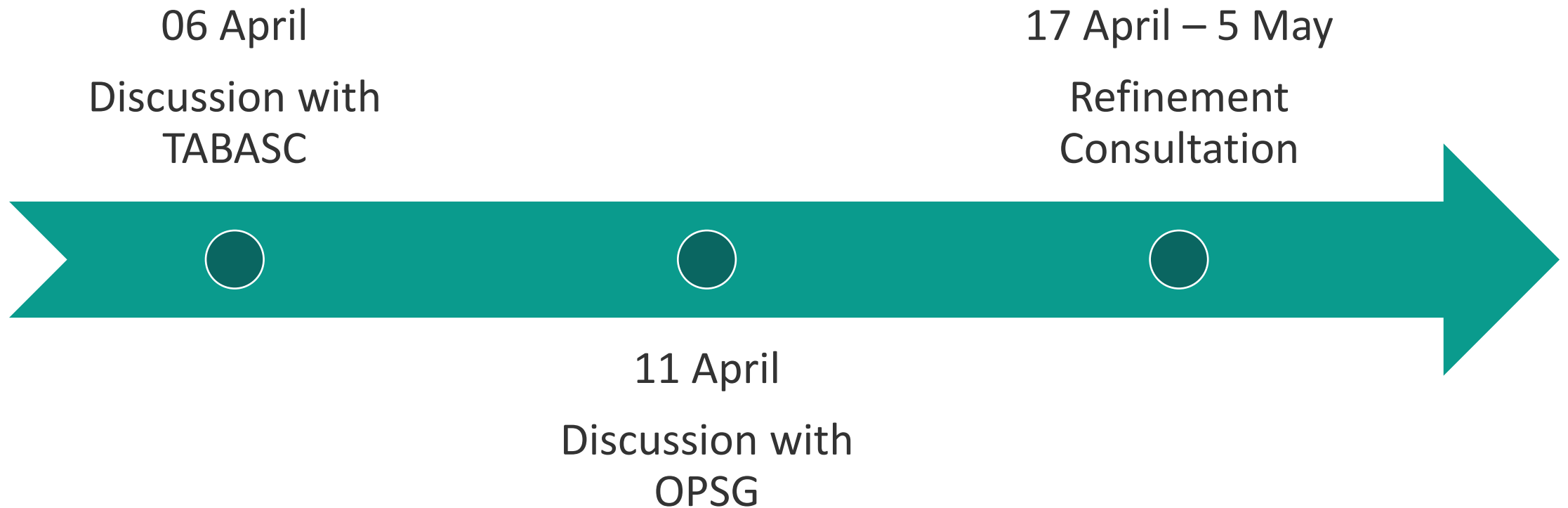
What would the impact be if business requirement 5 was removed?



Would the suggested legal text deliver the Proposed Solution?



Next Steps



MP178: Removing DSP validation against the SMI join status for SR8.8.x

Raised by David Walsh from the Data Communications Company (DCC)

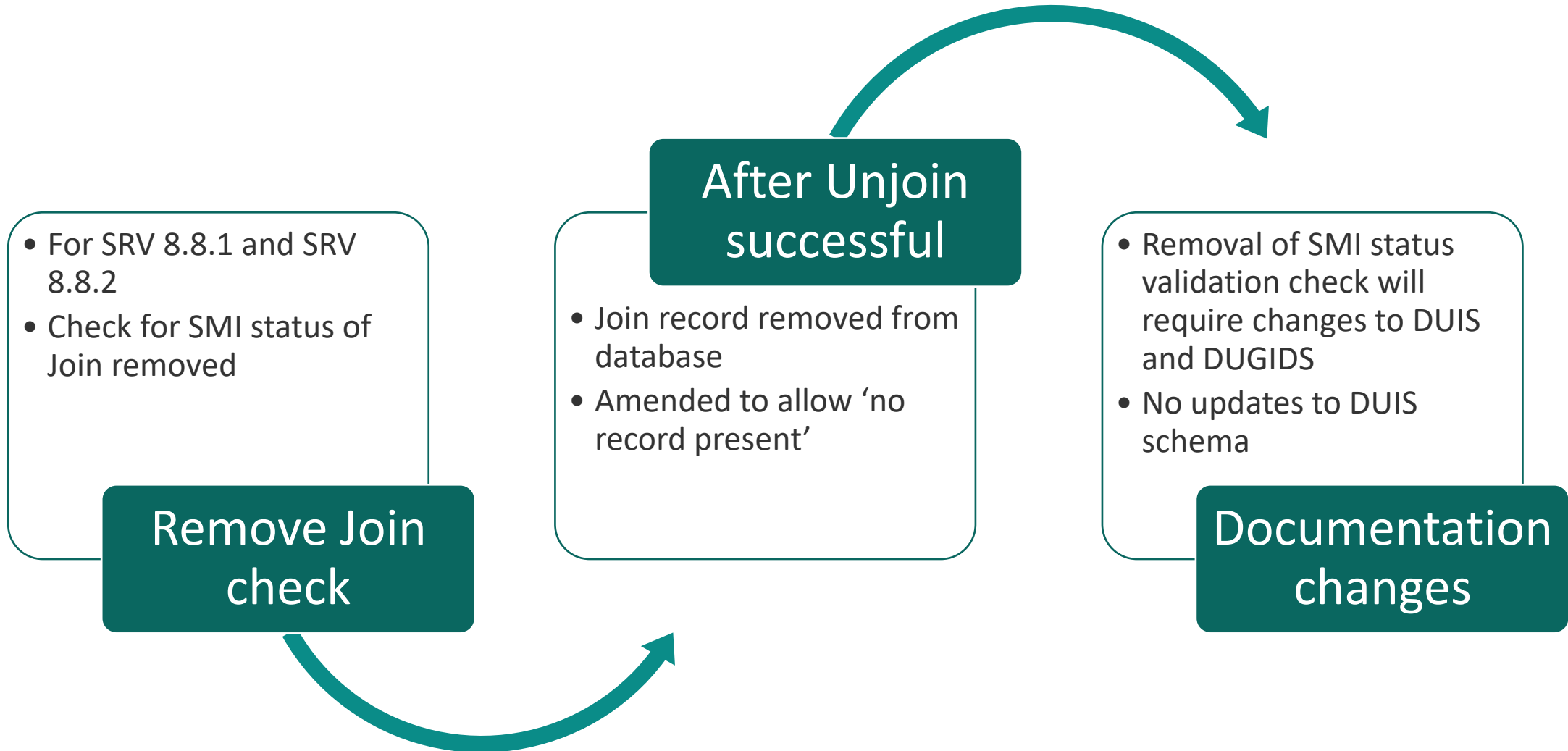
Issue

- Cases observed where the response to the SRV 8.7.2 'Join Service (Non-Critical)' is not received by the Data Service Provider (DSP) despite the join working within the Electricity Smart Metering Equipment (ESME)
- Service User unable to send Unjoin commands as the business validation (SRV 8.8.1 or SRV 8.8.2)
- Only Devices joined in the Smart Metering Inventory (SMI) can be un-joined

Solution

- DSP will modify the validation of Unjoin commands (SRV 8.8.1 and SRV 8.8.2)
- Remove check that *OtherDeviceID* is flagged in the SMI is joined to target Device

■ Proposed Solution summary



■ Impact Assessment impacts

DSP Impacts

Update DUIS &
DUGIDS

Modify validation

Remove check of
joined in SMI

CSP Impacts

None

SEC Parties

Internal business
processes
replying on
Response Code
E080801

■ Impact Assessment summary

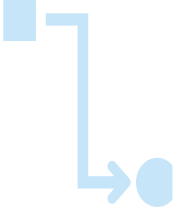
Cost

- £40,404 (Design, Build, and PIT = £39,055)

Implementation

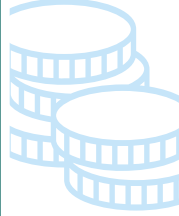
- Expected to take **3 months**
- Need decision by **27 Sep 2023** to make **June 2024 SEC Release**.

■ Assessment of change



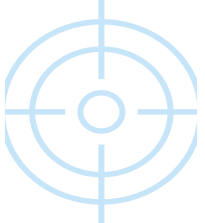
Impacted Parties

- Suppliers
- Other SEC Parties
- DCC



Costs

- Design, Build & PIT: £40,404
- SECAS implementation costs
- Suppliers (if Response Code E080801 suppression impacts their business processes)



Target Release

- June 2024 SEC Release



Benefits

- Improve I&C success rates
- Reuse Devices
- Saves cost and effort to manually correct SMI
- Saves socialised £2,000 cost per manual correction

SEC Objective (a)

(a) facilitate the efficient provision, installation, and operation, as well as interoperability, of Smart Metering Systems at Energy Consumers' premises within Great Britain

■ Questions for the Working Group

Does the modification provide cost/benefit?



Is the modification complete?

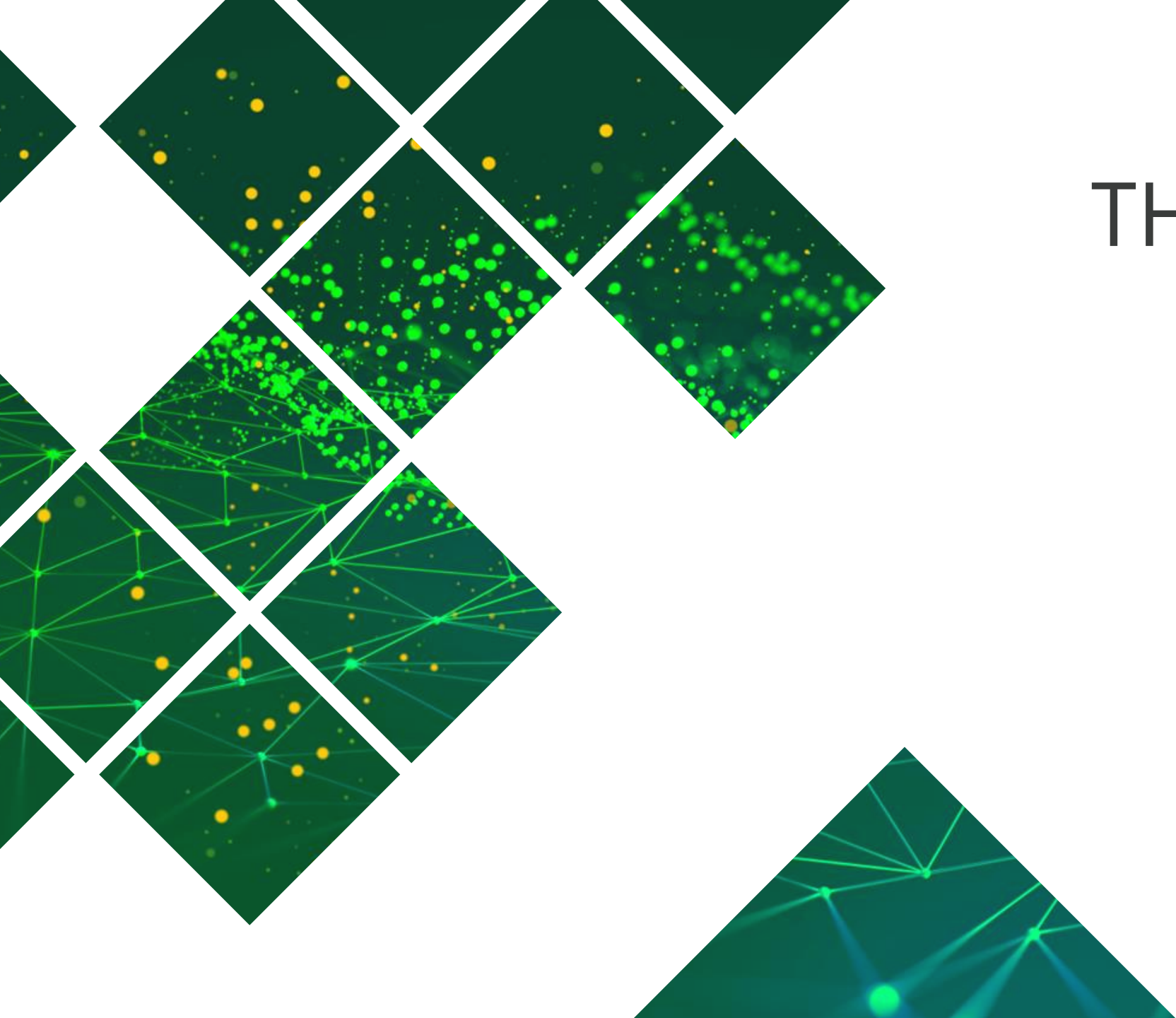


Anything else that needs to be considered?



■ Next Steps





THANK YOU FOR LISTENING

ANY QUESTIONS?

■ MP223 'WAN Coverage Reporting'

Raised by Emslie Law of OVO

Objectives of the Working Group

NOTE	The issue
NOTE	The business requirements
AGREE	The next steps

■ MP223: Overview

Issue

- There is no obligation in the SEC for the DCC to report on WAN Coverage.

Impact

- Without reporting on WAN coverage, Suppliers may waste resources by planning installs in areas of no WAN.
- Negative impacts on the consumers view of the Smart Metering Implementation Programme (SMIP).

■ MP223: Business requirements

Ref.	Requirement
1	The DCC to produce a figure of the Wide Area Network (WAN) coverage level for each Communication Services Provider (CSP) region, every three months.
2	The DCC to produce reporting on addresses where there is no WAN or the WAN status has changed, every three months.
3	The DCC to produce monthly reporting on sites where Suppliers raise WAN-related incidents in each CSP region.
4	The DCC to ensure the WAN coverage checker is updated accordingly when Suppliers raise WAN-related incidents to the DCC Service Desk.
5	The DCC to produce monthly reporting on work which is ongoing to improve WAN coverage in each CSP region at sites which are currently declared to be no WAN.
6	All planned WAN outages which are passed between CSPs and the DCC Service Desk to be passed to Smart Energy Code (SEC) Parties.

■ Questions for the Working Group

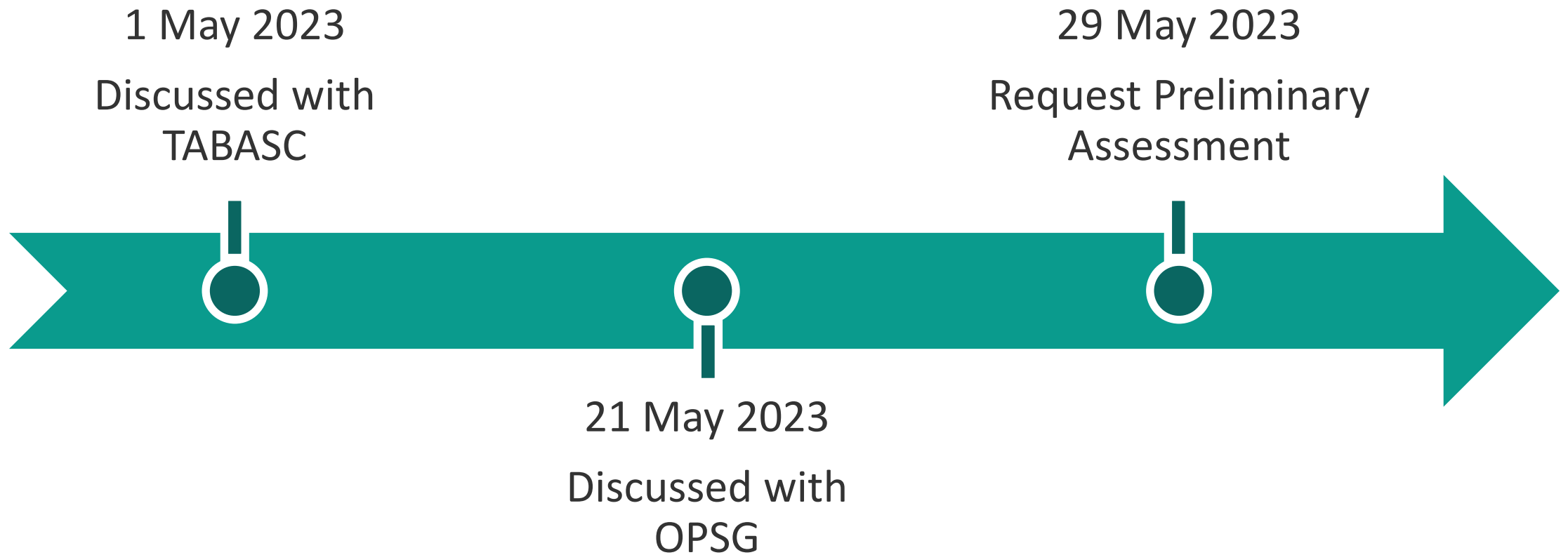
Should there be any alteration to the business requirements?

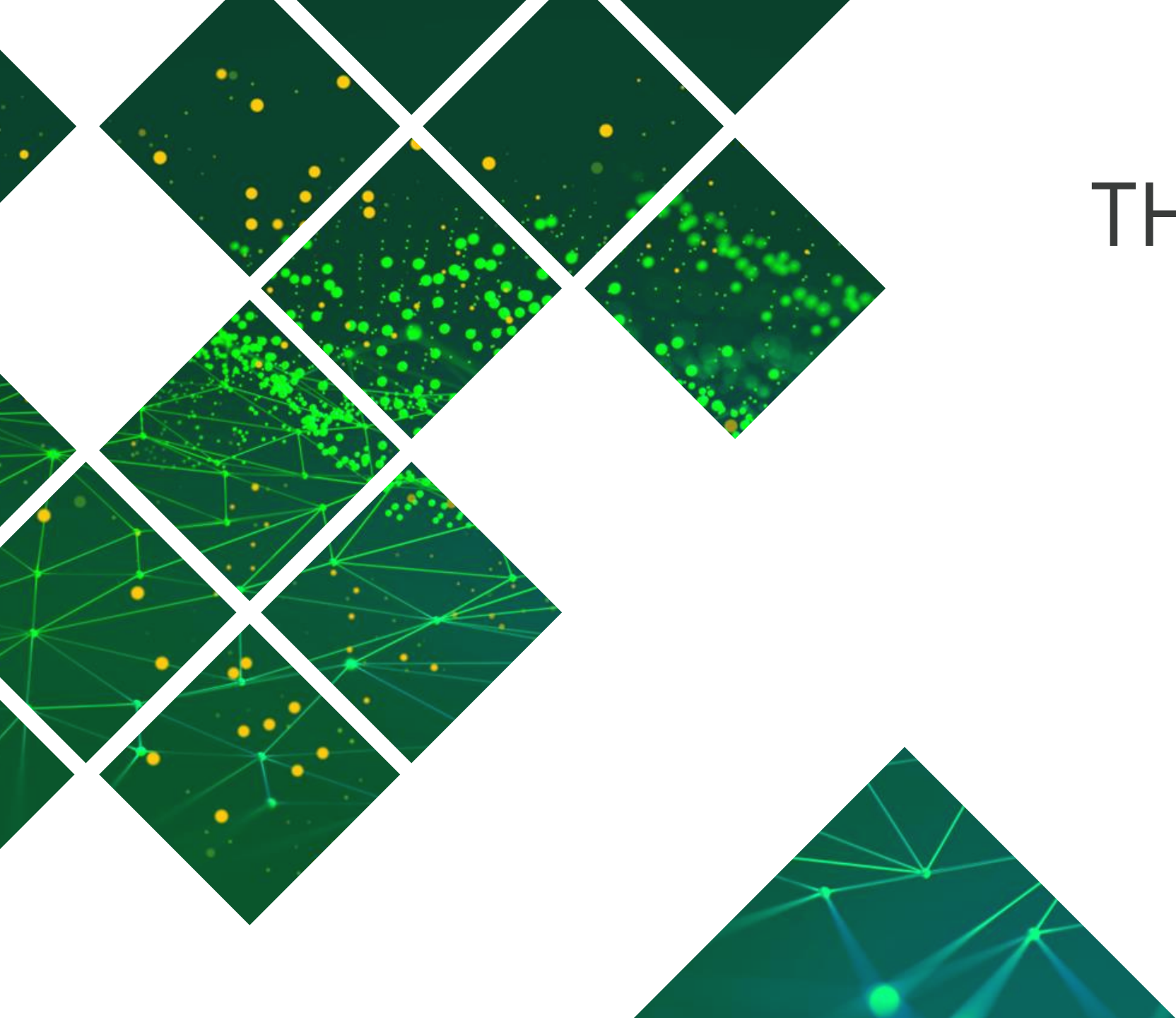


Any further comments?



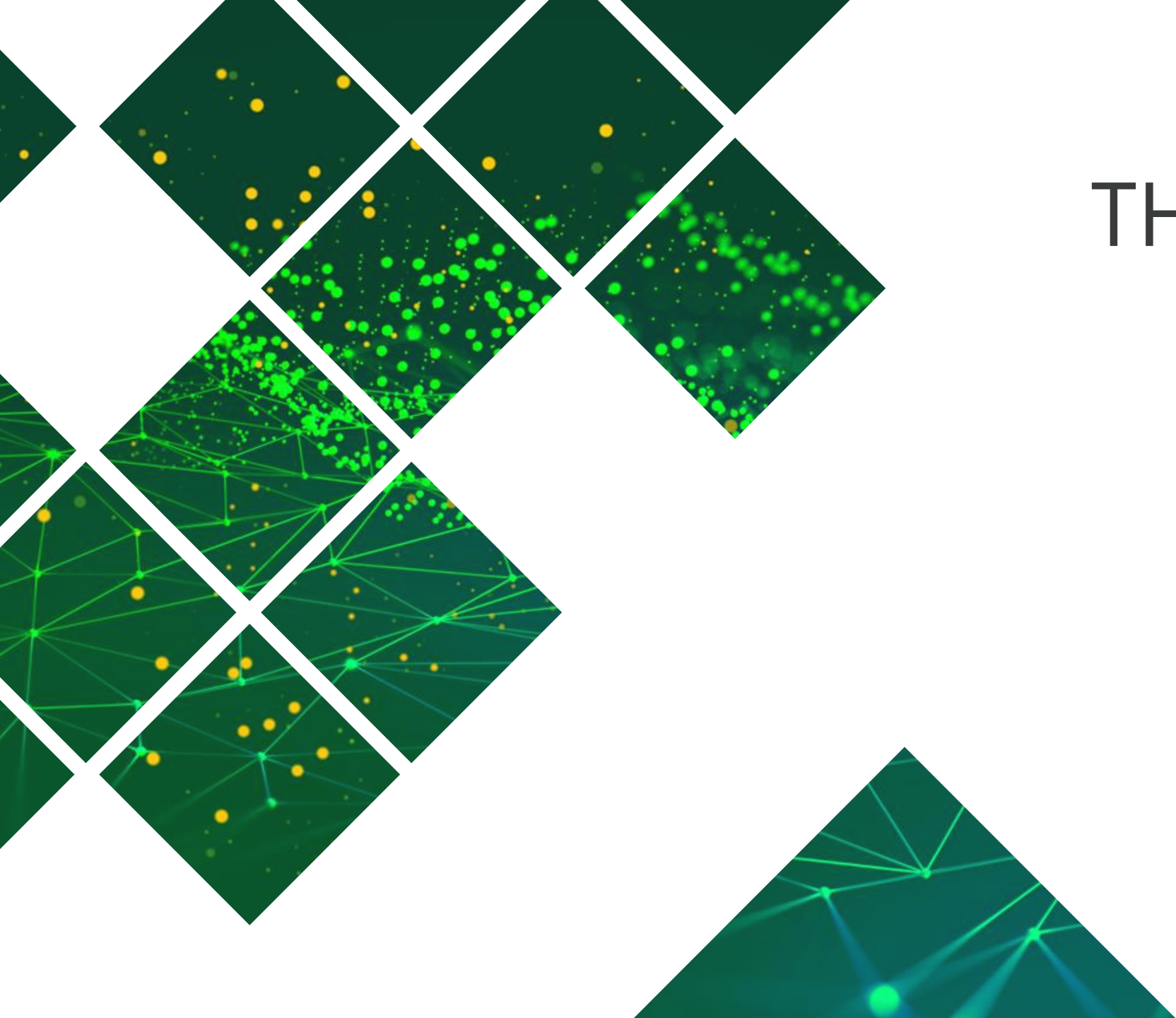
■ Next Steps





THANK YOU FOR LISTENING

ANY FURTHER COMMENTS?



THANK YOU FOR LISTENING

ANY FURTHER COMMENTS?

BREAK



PLEASE RETURN IN 10 MINUTES

MP230: 'Review the SLA for delivery and completion for SMETS1 firmware'

Raised by Nick Rodgers from the DCC

Objectives of the Working Group

REVIEW	The business requirements
AGREE	The Proposed Solution
AGREE	The next steps

Overview

Current arrangements

- The DCC Systems have a limit to the amount of firmware images that can be processed.
- If a significant volume of large firmware images needs to be processed, they must be spread over several days.
- The SLA for SMETS1 firmware delivery is currently 5 days.

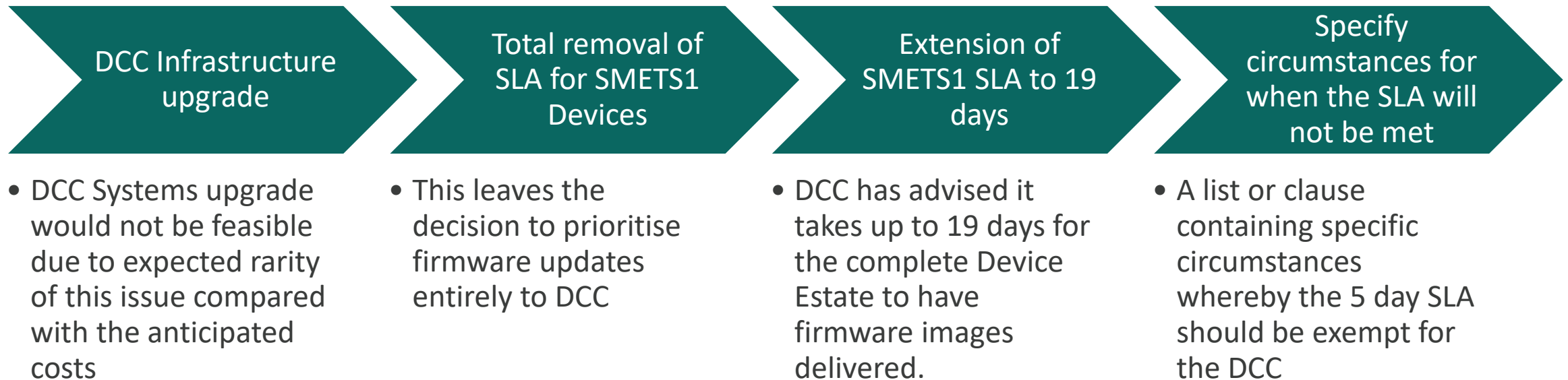
Issue

- SLA cannot be met in rare circumstances due to the number of firmware images needing to be processed.
- The DCC system can process a maximum of 12,000 images a day.
- Users unable to roll out firmware in the volume they would like to be able to.

■ Business requirements

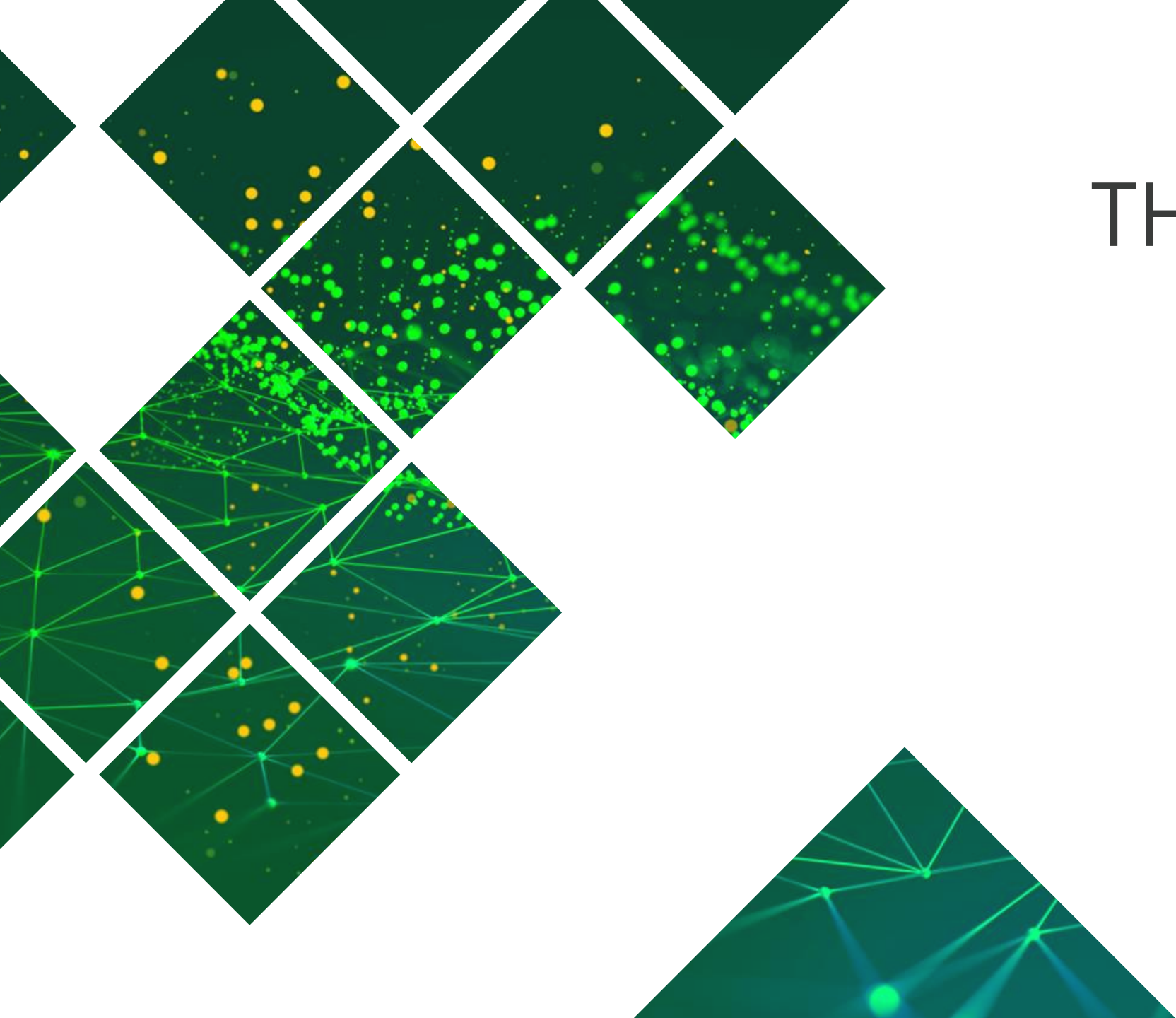
Ref	Requirement
1	The DCC must not be penalised for not delivering Smart Metering Equipment Technical Specification (SMETS)1 firmware within five working days in scenarios where they determine they cannot achieve this.
2	In cases where DCC wishes to suspend the SLA for a particular update, DCC shall notify the OPSG and affected SEC Parties ahead of this proposed change.
3	Monthly reporting from the DCC shall indicate an exclusion for such an exclusion for such firmware updates from the Performance Measurement Reporting (PMR).

■ Proposed Solutions



■ Next Steps





THANK YOU FOR LISTENING

ANY QUESTIONS?

■ MP219 'Accessing Consumption Data on behalf of SEC Parties'

Raised by Matt Roderick of n3rgy

Objectives of the Working Group

NOTE	The issue
NOTE	The Proposed Solution
NOTE	The Refinement Consultation responses
AGREE	Next steps

Issue

- The SEC does not allow Other Users to collect Consumption Data on behalf of SEC Parties without the Other User first obtaining Unambiguous Consent from each Energy Consumer.

Impact

- If SEC Parties want to employ an Other User to collect information for them, the Other User needs to contact a high number of Energy Consumers to collect their consent.
- Due to the time and effort this would incur, this prevents Other Users from acting commercially for SEC Parties.

■ Proposed Solution

Proposed Solution

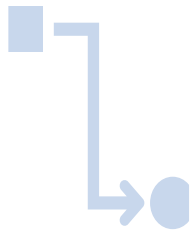
- Allows contracted Other Users to retrieve Consumption Data on behalf of employing SEC Parties without retrieving the Unambiguous Consent of the Energy Consumer.

Working Group feedback

- Other Users can only access Data as per the employing Party's Licence.
- The term 'Consumption Data' only covers Import Data.

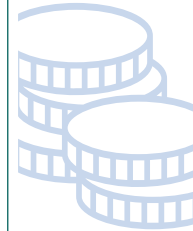
■ Assessment of Change

Impacted Parties



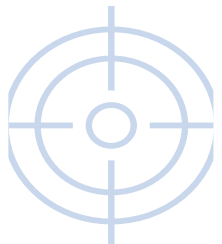
- Suppliers
- Network Parties
- Other SEC Parties

Costs



- SECAS implementation costs

Target Release



- June 2023 SEC Release (if Ofgem decision returned)
- Fallback is November 2023 SEC Release

Benefits



- Other Users can offer increased services
- Suppliers and Networks can access data which they may otherwise struggle to access.

■ Refinement Consultation: summary

- SECAS received 12 responses to the Refinement Consultation, six in favour and six against the modification.
 - Yes = Two Large Suppliers, three Other SEC Parties and one Networks Party.
 - No = Three Large Suppliers, two Other SEC Parties and one Networks Party.
- 11 Parties said they would incur no costs from implementation of this modification, with one quoting £50,000 - £100,000.
- Implementation
 - Immediately – 10
 - One month – 1
 - Two to four months – 1

■ Key points



Low cost (SECAS implementation costs)

Beneficial to Consumers and SEC Parties

DCC Traffic – linked to DP218

GDPR and Data Privacy concerns

■ Questions for the Working Group

Do you have any comments about the Refinement Consultation responses?



Any further comments?

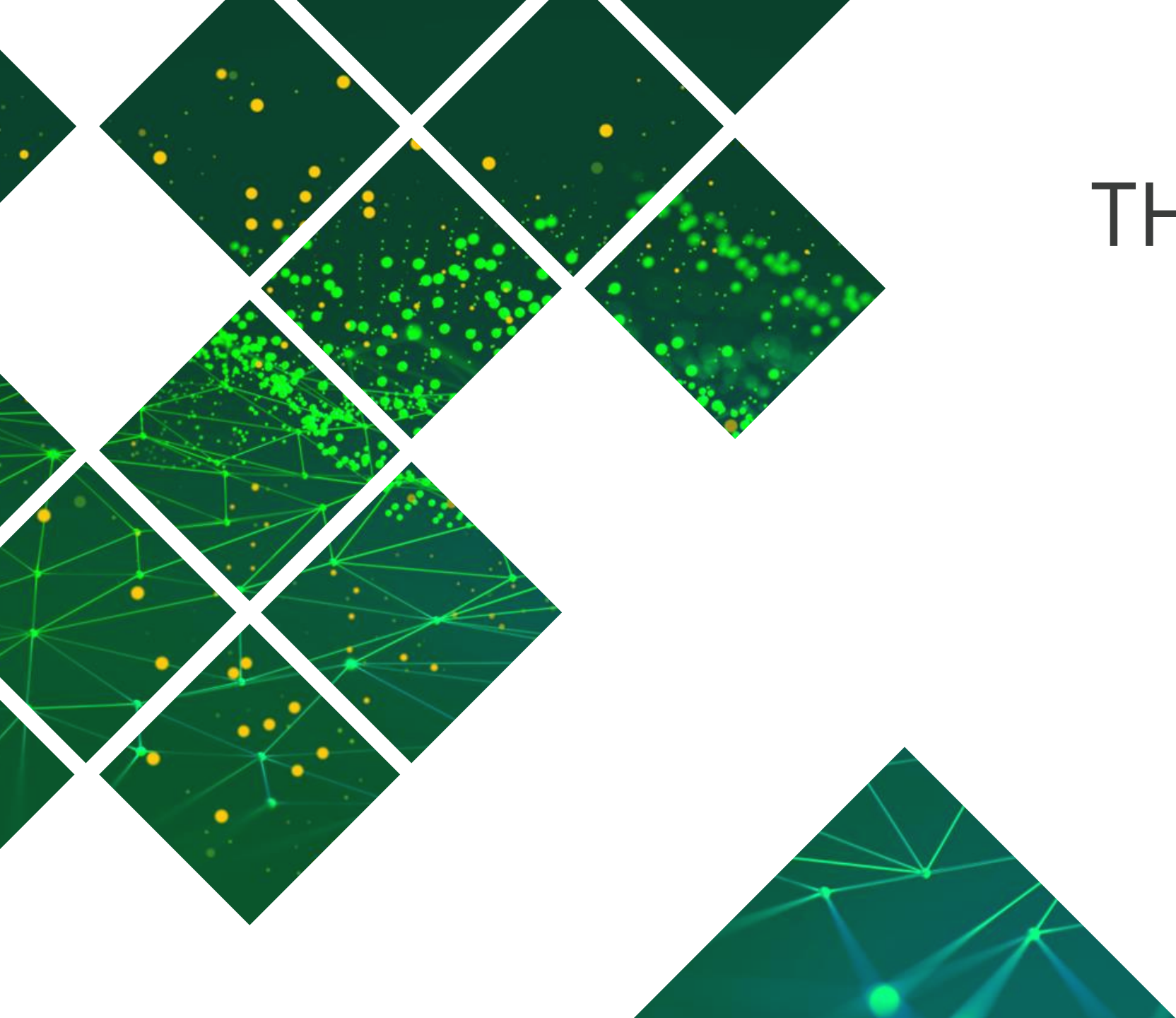


■ Next Steps

18 Apr 2023 – CSC approve Modification Report

24 Apr-15 May 2023 – Modification Report Consultation

24 May 2023 – Change Board vote



THANK YOU FOR LISTENING

ANY FURTHER COMMENTS?

■ PREVIOUSLY INCLUDED IN MP078: IRP550 & IRP604

Kev Duddy

■ MP078: Overview

Scope

- IRP603 related to a Communications Hub displaying the Security Log over the Home Area Network (HAN)
- IRP550 specified a response message for a GSME to use when there was nothing in the 'Event Configuration' to report back
- IRP604 included a minor correction to IRP550

Summary

- No impact identified to SEC Parties, outside of a new GBCS version being implemented
- DCC costs to deliver these IRPs was very expensive
- Costs were not able to be split between the IRPs, but bulk was against IRP603
- SECAS was not able to identify a benefit for any SEC Parties to justify spend

Conclusion

- Change Board rejected the modification due to business case and high costs
- IRPs were returned to TSIRS to discuss next steps
- TSIRS asked us to revisit them at a later date to consider for future inclusion should anything change

■ Update: IRP550 & IRP604

- IRP550 has been re-analysed by the DCC
- Re-categorised as Category 3 so now a document only change
- Critical Software was only impacted Service Provider for these two IRPs. They required changes to:
 - Reference Test Data Set (RTDS)
 - GBCS Integration Testing For Industry (GFI) tool
- Critical Software has now implemented these changes in a previous Release

■ Questions for Working Group

DP226 'Incorporation of Category 3 Issue Resolution Proposals into the SEC - Batch 10' is expected to enter the Report Phase in April

On the basis that IRPs fix issues within the Tech Specs so when the business case supports, they should be corrected:

Should IRP550 & IRP604 target November 2023?

Should IRP550 & IRP604 be included within DP226?

■ ANY OTHER BUSINESS

Kev Duddy



YOUR FEEDBACK MATTERS

GET IN TOUCH WITH YOUR THOUGHTS AND COMMENTS

SEC.Change@gemserv.com

Want know more about SEC Change and Modifications?
Why not listen to our Modcasts?!

Available for download on our [website](#) or listen on [LinkedIn](#)

THANK YOU FOR LISTENING

THE NEXT MEETING WILL BE ON
WEDNESDAY 3 MAY 2023