

Consultation

Proposed changes to the Self-Service Interface required by SECMP0062 ‘Northbound Application Traffic Management – Alert Storm Protection’

Consultation opens: 24 April 2020
Consultation closes: 18 May 2020

Date: 24 April 2020

Classification: DCC Public



1 Background

SECMP0062 'Northbound Application Traffic Management – Alert Storm Protection' was approved by the Change Board under Self-Governance on 7 February 2020. Part 1 will be implemented on 6 May 2020 (June 2020 SEC Release) and Part 2 will be implemented on 5 November 2020 (November 2020 SEC Release).

The proposed solution is to provide Alert Storm protection through a DCC designed mechanism which will count the number of Alerts originating from a specific Device within a designated timeframe. If the Device sends Alerts above a pre-determined threshold value, the mechanism will consolidate excess Alerts from the Device, and only forward one per a configurable number of Alerts (n) per designated period on to the intended Users. Consolidated Alerts will be counted for Anomaly Detection purposes and Service Users will be notified ahead of time for the exact actions being taken.

As part of the solution, a new dashboard in the Self-Service Interface (SSI) is being developed to show Service Users whether any Alert Storm Protection is currently active for any of their Devices. The purpose of this consultation is to consult on the dashboard that has been developed for SECMP0062.

This consultation uses the process developed under SECMP0058 'Changes to the governance of the Self-Service Interface' and DCC is seeking the views of SEC Parties on the proposed dashboard developed for SECMP0062.

The closing date for this consultation is 18 May 2020.

2 Required changes

2.1 Agreed changes

The requirements for the dashboard were agreed during the SEC modification process for SECMP0062. The extract from the IA copied below sets out the agreed requirements.

"2.1.3 Status Dashboard

A new Self Service Interface (SSI) dashboard for Service Users will be built using the existing dashboard design principles. This dashboard will provide the Alert Storm Protection data to the Service Users, which will include the following details.

- Devices that exceed the threshold;*
- Alert Codes that are subjected to Alert Storm Protection processing for each Device;*
- Number of Alerts received for each Alert Code per device;*

- *Number of Alerts discarded for each Alert Code per device.*

These would be ‘live’ views, and with an ability to view and download historic data. Users will only be able to see details of devices for which they have a defined Role.”

2.2 SSI Improvement Proposal (SIP):

SSI#2-1: New dashboard to support SECMP0062	
Problem Statement	A new dashboard needs to be developed as part of the solution for SECMP0062
Proposer	DCC (and agreed by SEC Parties via SEC modification process)
Description (confirming if adding, removing or amending functionality)	<p>A new Self Service Interface (SSI) dashboard for Service Users will be built using the existing dashboard design principles. This dashboard will provide the Alert Storm Protection data to the Service Users, which will include the following details.</p> <ul style="list-style-type: none"> a. Show Devices that exceed the threshold; - Add b. Show Alert Codes that are subjected to Alert Storm Protection processing for each Device; - Add c. Show Number of Alerts received for each Alert Code per device; - Add d. Show Number of Alerts discarded for each Alert Code per device. – Add e. Show ‘live’ views - Add f. Allow Users to view and download historic data (users will only be able to see details of devices for which they have a defined Role) - Add
Benefits	<ul style="list-style-type: none"> a. Meets the requirements set out and agreed in SECMP62 b. Enables Users to see the above information and download historic data.
SEC Parties Impacted	<ul style="list-style-type: none"> a. Large Suppliers b. Small Suppliers c. Electricity Network Operators d. Gas Network Operators
Anticipated Cost Range	Since the cost of the new dashboard was included in the IA for SECMP0062, there will be no additional cost to SEC Parties.
Anticipated timescale to develop and deliver	The proposed dashboard can be made available at June 20 SEC Release go-live.

A mock-up of the new dashboard developed by DCC is illustrated below.

Traffic Management - Alerts

This page allows you to see details of alerts that have been subject to traffic management events.

DCC Service User/s: DSP001 / IS (SUS10-EIS) | Start Date/Time: 09/09/2019 05:08:04 | End Date/Time: 11/09/2019 11:08:04 | **SEARCH**

Device	DCC Service User	Device/DCC Alert Codes	Previous Accepted Alert Time	Last Accepted Alert Time	Alerts Discarded	Traffic Management Event	Details
70-F8-E7-10-00-10-02-30	DSP001 / IS (SUS10-EIS)	8F3F	09/09/2019 10:57	09/09/2019 11:31	72	3094398545306845188	Details
70-F8-E7-10-00-10-02-30	DSP001 / IS (SUS10-EIS)	8F35	09/09/2019 14:48	09/09/2019 14:55	4	3094515216591880196	Details
70-F8-E7-10-00-10-04-9B	DSP001 / IS (SUS10-EIS)	8F35	10/09/2019 10:58	10/09/2019 11:23	54	3095124210180161541	Details

DOWNLOAD AS CSV

3 Question for respondents

We are seeking Parties' views on the new dashboard:

Q1. The dashboard has been designed to meet the agreed requirements. Do SEC Parties endorse this position?

4 Next Steps

These are the next steps following the consultation closure on 18 May 2020.

All responses received will be collated into a single document and referred to the SEC Panel or a delegated Sub-Committee for consideration.

4.1 No additional changes

If SEC Parties are satisfied with the proposed dashboard, no further action will be necessary.

4.2 Further changes suggested by SEC Parties

All suggestions that require further changes to the dashboard will be referred to the SEC Panel or a delegated Sub-Committee for consideration, where they will consider the scope

and cost of the SIPs and approve or reject their progression through to DCC Impact Assessment.

If the decision to approve the DCC Impact Assessment of SIPs following the SSI improvement consultation is delegated to a Sub-Committee and that Sub-Committee deems it cannot form a decision, the Sub-Committee may escalate the matter to the Panel to approve or reject, requesting the DCC Impact Assessment of SIPs, or alternatively advise DCC to refine the solution(s).

5 How to respond

Please provide responses by 17:00 on 18 May 2020 to DCC at:
SSIRemedyImprovements@smartdcc.co.uk.

DCC will directly respond to any specific questions raised via reply, within 7 days of the consultation response closure date.

DCC will also complete a summary of questions, comments and responses to be shared with SEC Operations Group.

Consultation responses may be published on our website www.smartdcc.co.uk. Please state clearly in writing whether you want all or any part, of your consultation to be treated as confidential. It would be helpful if you could explain to us why you regard the information you have provided as confidential. Please note that responses in their entirety (including any text marked confidential) may be made available to the Department of Business, Energy and Industrial Strategy (BEIS) and the Gas and Electricity Markets Authority (the Authority). Information provided to BEIS or the Authority, including personal information, may be subject to publication or disclosure in accordance with the access to information legislation (primarily the Freedom of Information Act 2000, the Data Protection Act 2018 and the Environmental Information Regulations 2004). If BEIS or the Authority receive a request for disclosure of the information we/they will take full account of your explanation (to the extent provided to them), but we/they cannot give an assurance that confidentiality can be maintained in all circumstances. An automatic confidentiality disclaimer generated by your IT system will not, of itself, be regarded by us as a confidentiality request.