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Security Sub-Committee (SSC) Meeting

SSC_81_1007, 10 July 2019

10:00 – 16:00

Gemserv Office, 8 Fenchurch Place, London, EC3M 4AJ

Final Minutes

Attendees:

Party Category / Representing	Name
SSC Chair	Gordon Hextall (GH)
TABASC Representative	Julian Hughes (JH)
SECAS	Nick Blake (NB)
SECAS Acting Meeting Secretariat	Connie Muir (CM)
SECAS	Fiona Bond (FB)
SECAS Security Expert	Jennie Cleal (JC)
User CIO	Alistair Grange (AG) (part)
User CIO	Chris Ghandi (CG) (part)
BEIS	Daryl Flack (DF)
BEIS	Russell Kent-Smith (RKS)
DCC	Alex Port (AP) (part)
DCC	Rob Newby (RB) (part)
DCC	Nikki Murfitt (NM) (part)
DCC	Ariff Razzaq (AR) (part)
Gemserv	Andy Green (AnG) (part)
Gemserv	Sachin Patel (SP) (part)
Gemserv	Jordan Crase (JC) (part)

Voting Members Present:

Party Category / Representing	Name
Large Supplier	Fabien Cavenne (FC)
Large Supplier	Martin Christie (MC)
Large Supplier	Gordon Millar (GM) (part)
Large Supplier	Crispin Brocks (CB)
Large Supplier	Manoj Odedra (MO)
Shared Resource Provider	Simon Crouch (SC)
DCC	Ian Speller (IS)
Other User	Michael Snowden (MS)

Apologies:

Party Category / Representing	Name
Gas Networks	Alastair McMurtrie (AM)
SECAS Meeting Secretariat	Holly Burton (HB)
SECAS Security Expert	Kwadwo Anim-Appiah (KAA)
Large Supplier	Nia Owen (NO)
Small Supplier	Neil Adams (NA)
Small Supplier	Mark Lenton (ML)

Introductions and Matters Arising

The SSC Chair (GH) welcomed all attendees to the meeting held on Wednesday 10 July 2019, and advised attendees of the running order, timings of each agenda item and noted apologies.

Matters Arising:

- The SSC **NOTED** an update from the SSC Chair (GH) advising SSC Members of the committee seats due to expire. SECAS confirmed which nominations had been received to date and the Chair informed Members of the deadline for nomination submissions to SECAS as Monday 22 July 2019.

1. Minutes and Actions Outstanding

The SSC noted that no comments were received for the Draft Minutes and Confidential Draft Minutes from the SSC meeting held on Wednesday 26 June 2019, and the SSC **APPROVED** the Draft Minutes and Confidential Draft Minutes as written.

All outstanding actions were marked as complete or on target for completion, with several updates provided under separate meeting agenda items.

Action ID	Action	Owner
SSC 74/03	The TABASC Representative (JH) to write up the use cases arising from SECMP0013 Meter Triage in detail in order to share with SSC members.	TABASC Representative (JH)
The SSC were informed that the feedback paper has now been provided and a response was provided to the Technical Specification Issues Resolution Sub-Group on Thursday 13 June 2019. BEIS and National Cyber Security Centre (NCSC) invited use cases from Industry for wider triage and meter refurbishment which was presented at the CPA Industry Day on Tuesday 25 June 2019. An update was provided under Agenda Item 14. Action: Closed .		
SSC 79/05	SECAS to write to the largest installing suppliers regarding upgrading Aclara Devices without a CPA Certificate by Friday 21 June 2019.	SECAS
SECAS wrote out to Suppliers on Monday 17 June 2019. The deadline for remediation plans was set for Friday 21 June 2019. A further update was provided under Agenda Item 18. Action: Closed .		
SSC 80/01	SECAS (NB) to amend the SCF before publication to reflect comments in relation to the deletion of 'Supplier' to be replaced with 'meter manufacturer'.	SECAS (NB)
The Security Controls Framework was amended to reflect the deletion of 'Supplier' and was replaced with 'meter manufacturer' before being uploaded to the SEC Website here . Action: Closed .		
SSC 80/02	The SSC Chair (GH) to write a formal statement on behalf of the SSC which cover the original concerns raised by the SSC before forwarding to the original proposer.	SSC Chair (GH)

Action ID	Action	Owner
	The SSC Chair (GH) wrote to the SECAS SEC Modification Team on Wednesday 3 July 2019 whilst copying in SSC Members. The SSC Chair (GH) advised that the proposed wording for the modification is minor and therefore a SEC amendment may not be required, and guidance may be able a suitable alternative to a SEC Modification. Action: Closed .	

2. Full User Security Assessment – Small Supplier ‘CE’ (RED)

The SSC considered Small Supplier ‘CE’s Full User Security Assessment. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **AGREED** the Assurance Status for Small Supplier ‘CE’.

3. Verification User Security Assessment – Small Supplier ‘AB’ (RED)

The SSC considered Small Supplier ‘AB’s Verification User Security Assessment. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **AGREED** the Compliance Status for Small Supplier ‘AB’.

4. Verification User Security Assessment – Small Supplier ‘P’ (RED)

The SSC considered Small Supplier ‘P’s Verification User Security Assessment. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **AGREED** the Compliance Status for Small Supplier ‘P’.

5. DCC Incident Management – Strategic Plans (RED)

The SSC **NOTED** the presentation from the DCC regarding their new Incident Management plan, upcoming strategic testing and staff resourcing.

The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

6. Verification User Security Assessment – Small Supplier ‘A’ (RED)

The SSC considered Small Supplier ‘A’s Verification User Security Assessment. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **AGREED** the Compliance Status for Small Supplier ‘A’.

7. Director's Letter – Small Supplier 'AW' (RED)

The SSC considered Small Supplier 'AW's Director's Letter. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **APPROVED** Small Supplier 'AW's Director's Letter.

8. Director's Letter – Large Supplier 'L' (RED)

The SSC considered Large Supplier 'L's Director's Letter. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **AGREED** to defer the decision on Large Supplier 'L's Director's Letter.

9. Director's Letter – Small Supplier 'F' (RED)

The SSC considered Small Supplier 'F's Director's Letter. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **NOTED** Small Supplier 'F's Director's Letter.

10. Remediation Plans (RED)

The SSC **NOTED** the following Remediation Plans submitted;

- Small Supplier 'AZ';
- Small Supplier 'L'; and
- Small Supplier 'M'.

The SSC **NOTED** the following Remediation Plan and **APPROVED** the Director's letter submitted;

- Small Supplier 'Z'.

The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

11. Security Self-Assessment – Shared Resource Provider 'B' (RED)

The SSC considered Shared Resource Provider 'B's Security Self-Assessment. The Agenda Item was marked as **RED** and therefore recorded in the Confidential Minutes.

The SSC **NOTED** the Self-Assessment for Shared Resource Provider 'B'.

12. SMETS1 – Enrolment and Adoption (**AMBER**)

The SSC **NOTED** the update from the DCC on the SMETS1 Remediation Plan (containing remediations on the CIO findings and from security testing assurance), on which no comments had been received from SSC Members as of Wednesday 3 July 2019. The SSC **AGREED** to submit the recommendation for Live Services Criteria 10 relating to security for the initial first entry onto the Eligible Product Combination List (EPCL) for SMETS1 to the SEC Panel.

The Agenda Item has been marked as **AMBER** and therefore recorded in the Confidential Minutes.

13. Triage Guidance – Resetting the HAN for Device Re-Use (**GREEN**)

An SSC paper was presented that summarised the background and proposed solution. The SSC was asked to approve guidance for energy Suppliers and Device manufacturers on re-setting the Home Area Network (HAN) for Devices where installation has been aborted for a variety of reasons, with the Devices otherwise being scrapped.

An agreed, secure method has been developed in a series of Working Group meetings and has been refined by the BEIS led Technical Specification Issue Resolution Sub-Group (TSIRS) and has been approved by NCSC and BEIS.

Following the CPA Industry Day on Tuesday 25 June 2019, it was agreed that BEIS would make changes to the guidance document based on feedback from the day and re-circulate the paper amongst SSC Members. This was completed last week, and as such, no further comments or amendments have been suggested. The SSC Chair (GH) undertook to circulate the proposed guidance document for SSC member review by 16 July prior to publication.

Large Supplier Representative (CB) questioned whether any further use cases created would come under the same guidance as Use Case 001, to which BEIS Representative (DF) highlighted that no material changes would occur at this stage. It was noted that additional use cases are being created and would be considered as and when presented to the Working Group. There was a suggestion regarding the addition of the Triage Guidance to the Agreed Interpretations, but it was agreed that as it is guidance and not obligatory, this would not be necessary. “DCC confirmed that a Device with firmware that has been removed from the CPL cannot be Installed and Commissioned. However, the ‘Update Firmware’ Service Request can still be sent to a Device where the firmware has been removed from the CPL to update the firmware on the Device to a version that is on the CPL which will then enable it to be Installed and Commissioned.”

The SSC:

- **APPROVED** the Triage Guidance – Resetting the HAN for Device Re-Use for Use Case 001 as written;
- **AGREED** to publish the guidance to the SEC website and issue it to the NCSC subject to comments received by 16 July 2019; and
- **AGREED** to issue the guidance to the Energy and Utilities Alliance (EUA) and the British Electrotechnical & Allied Manufacturers' Association (BEAMA).

SSC 81/01: SECAS to publish the Triage Guidance to the SEC website and SSC Chair (GH) to issue it to the NCSC.

SSC 81/02: SSC Chair (GH) to issue the Triage Guidance to the EUA and BEAMA.

14. Existing Risks around TCoS (**RED**)

The SSC **NOTED** an update from BEIS regarding the Enduring Change of Supplier (ECoS) consultation. A risk assessment is being carried out, the results of which will be presented to the SSC on Wednesday 14 August 2019.

The Agenda Item has been marked as **RED** and therefore recorded in the Confidential Minutes.

15. Mitigating Security Risks from Internet-Connected Devices – Methodology (**AMBER**)

The SSC **NOTED** an update from Gemserv regarding the options to reduce the risks from Internet-Connected Security Devices, which will be brought back to the SSC on Wednesday 14 August 2019.

The Agenda Item has been marked as **AMBER** and therefore recorded in the Confidential Minutes.

16. SSC Risk Register (**RED**)

The SSC **NOTED** the update from SECAS on the SSC Risk Register and re-assessed the impact levels for the most recently added risk.

The Agenda Item has been marked as **RED** and therefore recorded in the Confidential Minutes.

17. CPA Monitoring (**AMBER**)

Communications Hub CPA Conditions

The SSC **NOTED** the update in relation to a Communications Hub with Commercial Product Assurance (CPA) Conditional Certification and the update in relation to certain versions of a

Communications Hub upgrades status. The Agenda Item was marked as **AMBER** and therefore recorded in the Confidential Minutes.

Withdrawn CPA Certification Status

Following updates with regards to two Energy Suppliers, , Large Supplier Representative (MC) raised a concern that now numbers have stalled regarding upgrades for Aclara meters with expired CPA certificates, suppliers may leave these to churn out instead of removing the Devices.

The SSC:

- **AGREED** to issue a notice to Suppliers informing them of the decision to remove Aclara Devices with expired CPA Certificates from the CPL on Friday 30 August 2019; and
- **AGREED** to keep the L+G Devices with expired CPA Certificates on the CPL until further notice in order for the DCC to investigate whether there are any reported Communication Hub incidents that are preventing firmware upgrades and obtain information about the availability of a CPA Certified v42.49 firmware.

SSC 81/03: SECAS to write to Suppliers informing them of the decision to remove Aclara Devices with expired CPA Certificates from the CPL on Friday 30 August 2019.

Further information relating to Manufacturing issues have been classified as **AMBER** and therefore recorded in the Confidential Minutes.

18. Standing Agenda Items (RED)

The SSC were provided with updates on the following standing agenda items:

Change Status Report

No Modifications were presented for comment.

- Anomaly Detection Update (**RED**);
- Shared Resource Notifications (**AMBER**); and
- Security Incidents and Vulnerabilities. (**RED**)

19. Any Other Business (AOB) (RED)

A full agenda item was added on the day following Agenda Item 13.

NSA Suite B Implementation for Critical Command Certificate Signing (RED)

The SSC **NOTED** the verbal presentation from the DCC Data Services Provider (DSP) regarding the proposal to use a different cryptography standard for signing critical commands.

The Agenda Item has been marked as **RED** and therefore recorded in the Confidential Minutes.

Next Meeting: Wednesday 24 July 2019