

SDAG Minutes #5

Solution Design Advisory Group (SDAG)

Minutes of Meeting #5

Date / venue: 26 March 2013, BIS Conference Centre

Attendees

Name	Company
Colin Sawyer (Chair) (CS)	DECC
Andrew Campbell (AC) (with support from Iddon Hall)	Npower
Jonathan Wheelwright (with support from Simon Trivella)	British Gas
Grahame Weir (with support from Iain Matthews)	Scottish Power
Colin Rowland (with support from Andrew Monks)	SSE
Philip Turday (with support from Jim Hunt)	EDF Energy
Adrian Rudd	EON
Alastair Manson	Energy UK
Nigel Nash	OFGEM
Jay Adams	Utilita
Ian White (with support from Gary Cottrell)	EUA
Chris Shelley (Chris S)	BEAMA
Alan Creighton (Alan C)	ENA
Jane Franklin	AMO
Julian Hughes (JH)	DECC
Helen Mounsey	DECC
Charlotte Middleton	DECC
Peter Morgan	DECC
Terry Underwood	DECC
Paul Haggett	DECC

1. Minutes and Actions from previous meeting

- 1.1. The minutes from the previous meeting #4 were agreed by SDAG members.

Actions from Previous Meetings:

Action ID	Action	Due Date	Owner	Status
SDAG_2.07	User Roles Matrix; DECC agreed to confirm the dates to discuss User Roles Matrix including which services each DCC Service User will have access (including critical commands). The matrix will be covered CWG and Core Services debate Update: URM released as part of UGC pack and CWG discussing bilaterals with Suppliers/NOs w/c 11/03/12	24.01.13	JH	Closed

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Action ID	Action	Due Date	Owner	Status
SDAG_2.11	Billing reads: Npower agreed to inform DECC if they have any residual concerns with billing cycle orchestration & push/pull comments once they have read the Technical Architecture document Update: AC agreed to provide DECC with information on where processes are misaligned and a list of the risks associated. Complete Update: DECC were to respond to the information provided by AC	26.03.13	AC JH	Closed Open
SDAG_2.12	Error Handling: DECC agreed to consider error handling requirements for service orchestration & determine whether further details need to be provided in ISFT. Update: DCC orchestration exists only where the dependent SR flag has been selected in a request – failures are returned to DCC Service Users with relevant error code	26.02.13	JH	Closed
SDAG_2.13	Batching of User requests: Stakeholders were keen to get a requirement for batch updates of service requests over the DCC User Gateway. DECC agreed to consider if this fitted within the architecture.	23.04.13	JH	Ongoing
SDAG_2.15	Outage reporting: DECC to talk to Alan Creighton of the ENA to discuss Outage Management requirements and confirm requirements from the ENA and ensure alignment within the CSP schedule 2.1 Update: Alan Creighton agreed to write to the Chairman on service levels by 28.03.13.	28.03.13	Alan C	Ongoing
SDAG_3.01	DECC agreed to issue product descriptions to SDAG Members when they had been completed		CS	Ongoing
SDAG_3.02	DECC agreed to clarify the timetable and prepare the process for GB security extensions.	23.04.13	AA	Ongoing
SDAG_3.04	All SDAG members were to review the master issues log and provide any comments to DECC prior to the next SDAG meeting Update: It was agreed that the RAID issues that were closed would be sent to the originator to ensure the answer provided closed the original issue satisfactorily.	23.04.13	ALL PH	Ongoing
SDAG_3.05	BEAMA agreed to send their concerns on the implications of the security requirements to DECC. Update: This is currently being addressed by discussions between SSWG and DECC, these discussions have not yet concluded	23.04.13	Chris S	Ongoing
SDAG_4.01	Parse and Correlate: It was agreed that DECC would issue a set of questions to SDAG members to determine the preferred solution to managing and future governance of Parse and Correlate software. SDAG members were requested for their replies by 15 March 2013. Update: Questions issued by DECC on 5 March 2013.	15.03.13	ALL	Closed
SDAG_4.02	HHT Interface: It was agreed that the description of the Hand Held Terminal interface would be sent to SDAG Members as soon as it was available for review.	23.04.13	JH	Open

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SDAG_4.03	Zigbee and DLMS integration testing: Testing Strategy is to be updated to include the integration testing of Zigbee and DLMS. The Foundation Strategy Group was leading on testing – this requirement would be passed over this group for inclusion in the overall testing strategy. Update: The FSG was planning to carry out integration strategy on the end to end systems (from Energy supplier to test lab). This would include Zigbee and DLMS protocols.	26.03.13	PH	Closed
SDAG_4.04	HAN Strategy: It was agreed that the SDAG members would review and provide comment on the HAN Strategy presented to Meeting 4.	15.03.13	ALL	Closed
SDAG_4.06	ICHI: It was agreed that SDAG members were to provide comment on the BEAMA/EUA specification and that DC power only was to be the only ICHI feature to be mandated on the proposed electric meter.	15.03.13	ALL	Closed
SDAG_4.07	Role Based Access Control: The Events RBAC would be defined in the GB Comp Spec and feedback would be provided when available.	tbc	MB	Closed (to be agreed)
SDAG_4.08	Import/Export: It was agreed that DECC would provide further detail on how the import/export supplies are managed. Update: Electricity Export tariff and prices have been considered and excluded at the SMETS2 consultation and drafting stage (i.e. there is no functionality in SMETS to manage Export tariff/price on the meter) thus the UGC will not provide this capability. Should enhanced export functionality be included in specifications in future it will be incorporated into the UGC	23.04.13	MB	Closed (to be agreed)
SDAG_4.09	Documentation Road-map: DECC agreed to prepare a documentation road-map (to be finalised when DSP delivery timescales are agreed) - this would include documents that will come from DCC and its service providers to allow DCC users to understand when key design documentation was to be issued.	tbc	CS	Open

Actions from Meeting #5

Action ID	Action	Due Date	Owner	Status
SDAG_5.01	Design Phase Milestones. It was agreed that the design phase of the DSP and CSP would be discussed at a future SDAG meeting.	24.07.13	CS	Open
SDAG_5.02	Parse and Correlate approach. It was agreed that DECC would inform SDAG members on the agreed approach to procuring the Parse and Correlate software at the earliest opportunity.	23.04.13	JH	Open
SDAG_5.03	Parse and Correlate requirements. It was agreed that DECC would issue the requirements to SDAG members for review	23.04.13	JH	Open
SDAG_5.04	SMETS2 (1st Iteration) Deferred items. It was agreed that the list of deferred items from SMETS2 (1st Iteration) to SMETS2 (2nd Iteration) would be issued to SDAG members for review	23.04.13	CS	Open

2. Summary of DSP and CSP Dialogue

- 2.1. The dialogue sessions with DSP and CSP bidders had been arranged to reduce any ambiguity of technical requirements and refine the commercial requirements and contracts. These sessions took place between 18 February and 22 March 2013. Several SDAG members stated that they had attended Bidder presentations held on 14/15 March 2013.
- 2.2. The meeting was briefed on the matters raised during the dialogue sessions held with DSP and CSP bidders. The details of the additional requirements and clarifications arising from those sessions were included in the presentation those were circulated to the members on 26 March 2013.
- 2.3. **Power Outage notification.** CSP bidders had asked for clarification from DECC on the volumes at which point the power outage, and incorporation of power restore notifications would be set. DECC had issued indicative figures and noted that there was a request for the DNO to meet with the selected providers post contract award to discuss the exact figures chosen to trigger notification messages to be sent.
- 2.4. There were some addition requirements added to the previously issued CSP requirements; these included;
 - the approach to communications hub ordering, forecasting and financing had been developed (however at the time of the meeting, these remained subject to final programme approval).
 - The requirement for CSPs to provide communications hubs that met the 'intimate interface specification'
- 2.5. **Design Phase.** It was agreed that the design phase milestones of the DSP and CSP would be presented to a future SDAG meeting. This information would be available after contract award, when the design phase milestones had been agreed with the successful supplier.
- 2.6. **Transitional Change of Supplier (CoS).** It was confirmed that the Transitional CoS was included in the requirements that was to be issued to the bidders. DECC noted that the issues raised in regard to the Enduring CoS model during previous discussions, would be considered in the planning for the Transitional CoS model.

3. Parse and Correlate Update

- 3.1. Following the previous presentation at SDAG #4, SDAG members were invited to provide feedback to a number of proposals on how Parse and Correlate was to be managed. The summary feedback was presented to the meeting with DECC's preliminary views on the comments received.
- 3.2. It was noted that suppliers favoured a centrally-managed Parse and Correlate software product that was delivered as both a Java executable and library. It was also indicated that there was no requirement for a capability for suppliers to amend the product individually as this could cause support issues in the future.
- 3.3. The next steps were to determine the estimated costs and support required development of Parse and Correlate solution; the commercial and procurement approach; and the subsequent planning for the overall approach to Parse and Correlate. It was agreed that DECC would inform SDAG members on the proposed approach to the procurement of the Parse and Correlate software at the earliest opportunity and issue the requirements for review.

4. Pre-Payment Meter Interface Device

- 4.1. The PPMID detailed design specification (DDS) had been drafted to replicate the key PPM functionality with the main difference being that there was no 'enable supply' for gas meters remotely. It was also stated that no specific keypad requirements would be included in this DDS.
- 4.2. The PPMID DDS was sent out to SDAG members for their review on 21 March 2013. It was agreed that the findings of the review would be summarised and the issues raised would be circulated to SDAG members. The comments were due to be returned by the 12 April 2013.

5. GB Companion Specification (GBCS)

- 5.1. The GBCS was still in development and stood as a basic skeleton document populated with a small number of completed use cases (gas only). It was proposed that the GBCS contents would include;
 - References to ZigBee in terms of what each ZigBee device must do
 - References to DLMS in terms of what the electricity meter must do
 - Security
 - a. Description of certificates, key lengths, algorithms and related standards
 - b. Description of UTRN format, algorithms etc.
 - c. Message format / WAN transport
 - d. Description of the HAN ready message format
 - Use cases - translation of service requests into ZigBee / DLMS commands / responses – basis for HAN ready messages
 - Events - List of events and default configurations
- 5.2. The first outline draft would be sent to SDAG members for review on 12 April 2013; comments on the structure and use cases (gas only) were to be returned by 26 April 2013. The remainder of the content would be excluded from review at this time. It was noted that should any comments require a more detailed discussion, a conference call would be arranged by DECC.

6. Equipment Availability and Deliverables timeline update

- 6.1. During a recent meeting with SSWG, DECC had been informed that the readiness of ZigBee SEP 1.2 for integration testing had been rescheduled. The specification of ZigBee SEP 1.2 had commenced with the technical requirements document (0.7 stage) balloted with Alliance members in the 4th quarter of 2012. The resolution of the issues raised during the member's ballot was expected by July 2013. If there are issues around the inclusion of the security extensions in SEP 1.2, these would be included in the GBCS and adopted into the next version of ZigBee SEP version (1.3).
- 6.2. The interoperability testing of SEP1.2 (stage 0.9) was planned to start in April 2013. The testing required a minimum of 3 participants to take part; 3 members of SSWG (including a

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Comms Hub supplier) had agreed to participate. Much of this testing would be based on simulators and emulators rather than complete meters.

- 6.3. Although planning for the DLMS protocols was not as advanced as ZigBee, the SSWG had stated the testing process was not as extensive and would not require approval from the DLMS user Association.
- 6.4. It was stated that there was a likelihood that SMETS2 (2nd Iteration) would be notified after the release of SEP1.2 and this would happen in parallel to the DCC integration testing.

7. AoB

- 7.1. **SMETS2 (1st Iteration) Deferred items.** There was a discussion on the list of items that had been previously agreed for deferment from notification in SMETS2 (1st Iteration) to SMETS2 (2nd Iteration). It was agreed that the list of deferred items would be issued to SDAG members for review.

8. Date for next meeting

- 8.1. The next SDAG Meeting (#6) will take place at BIS Conference Centre on 23 April 2013. DECC would issue the agenda closer to the meeting.