

DCC progress update

Facts and figures on establishing the smart meter data and communications network

Design, test and operations

Solution Design

- Design specification translated into legal drafting and submitted to the Secretary of State
- Solution Design completed and signed off at the end of May 2015
- Communications Hubs Specification and Supporting Material submitted to the Secretary of State

Test Assurance

- Devices have been selected for use in testing (electricity and gas meters)
- GIT for Industry released and events held
- Common Test Scenarios complete
- SIT approach complete
- Interface Specification complete (aligned to GBCS v0.8.1)

Operations

- Transitional Communications Hubs ordering mechanism now live
- 54 orders have been placed for Gateway connection
- 1st Communications Hubs forecasts received (+/- 50%)

Transition into live operations

Live

- DCC service desk
- Incident Management
- DCC Gateway Connection ordering
- Interim Communications Hubs forecasting
- Parse and Correlate software v1.1 and consultancy request

In progress

- SMKI Registration
- Enhanced SM WAN Coverage information
- Gateway Connection Configuration
- Communications Hubs ordering
- Pre-initial live operations reporting
- Early life support management

Ongoing activity

- Industry days held regularly (last one 13 July)
- DCC design and service management forums
- Directed by DECC to conduct and impact assessment on the delivery of Dual Band Communications Hubs
- Development plan published at the end of July
- Enrolment and Adoption project team in place and information from suppliers on their SMETS1 programme is being assessed

Infrastructure rollout

Over **50% coverage**
and on track for 80% at go-live

arqiva

Building infrastructure from scratch

CSP NORTH

170 sites built and ready for service

364 sites ready to be built

747 sites started (number needed for go-live)

Internal and 3rd party test labs:

Built, and E2E message testing in progress
Unit and Link Testing complete, System Test in Progress

Testing with Prototypes:

System testing underway across core network reference environments with Integration Prototype Communications Hubs

Infrastructure rollout

Drive by is **100% complete**

Telefonica

Adapting existing and creating new infrastructure

CSP CENTRAL and SOUTH

Testing with Pre-Production Communications Hubs

Internal testing underway across core network reference environments with prototype Communications Hubs

Testing against GBCS v0.8.1 using preproduction Communications Hubs

Smart M2M core application now at 3rd release

Mesh control software now at 4th release

Infrastructure rollout

CGI

DATA SERVICES PROVIDER

Design and Build

- Apex Contingency key available as of 17 July
- SMKI Repository development complete and testing underway

CRITICAL SOFTWARE

PARSE and CORRELATE SOFTWARE

Achieved

- Parse & Correlate v1.1
- Design aligned with GBCS v0.8.1

Working towards

- Next iteration of the software due end of November

BT
More power to you

SMKI

SMART METERING KEY INFRASTRUCTURE

Achieved

- Test certificates issued to support manufacture of devices needed for SIT
- Initial SMKI Live platform build complete
- Pre-integration Testing of SMKI Release 2 complete

Working towards

- Release 3 is in build and on track for testing in Q3

DCC is delivering the data and communications network to support the roll out of smart electricity and gas meters to millions of domestic and non-domestic properties. Funded by the energy industry, the network will connect smart meters to the business systems of energy suppliers, network operators and other authorised service users. It offers a secure, consistent service irrespective of energy supplier and avoids the complexity and duplicated costs of energy suppliers installing their own networks.

For more information, visit www.smartdcc.co.uk