



Consequential Change Market Trials Workgroup

Jo Galloway 7th November 2019

Agenda

10.30 - 10.45 Introductions & Scope of the workgroup

10.45 - 11.30 High level view of current state

11.30 - 12.30 Structure of meetings going forward

- Timeline of activity
- Topics to cover
- Alignment of CSS programme
- Hot topics

12.30 - 1.00 Lunch

1.00 - 1.30 Market Trials Approach

- What will be included
- First draft for visibility
- Review and comment process

1.30 - 2.30 Data

2.30 – 2.45 High level process Walkthrough

2.45 – 3.00 AOB and Close

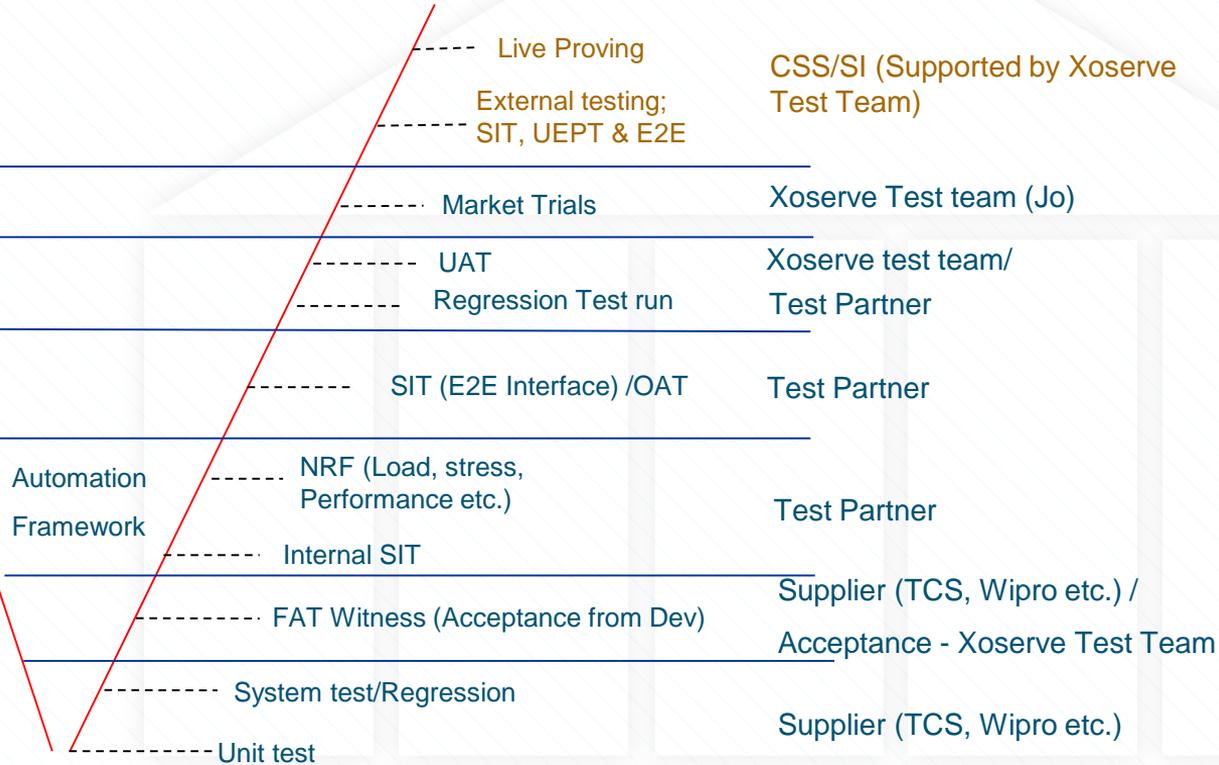
Scope of workgroup

- Consequential change Market Trials Approach- detail to be discussed later
- Changes as a result of, but not directly linked to, the CSS programme
- Secondary interfaces
- Data relating to consequential change testing
- Alignment , as appropriate , to the CSS Programme /SI agreement
- Reporting requirements
- Entry and exit criteria
- Risks

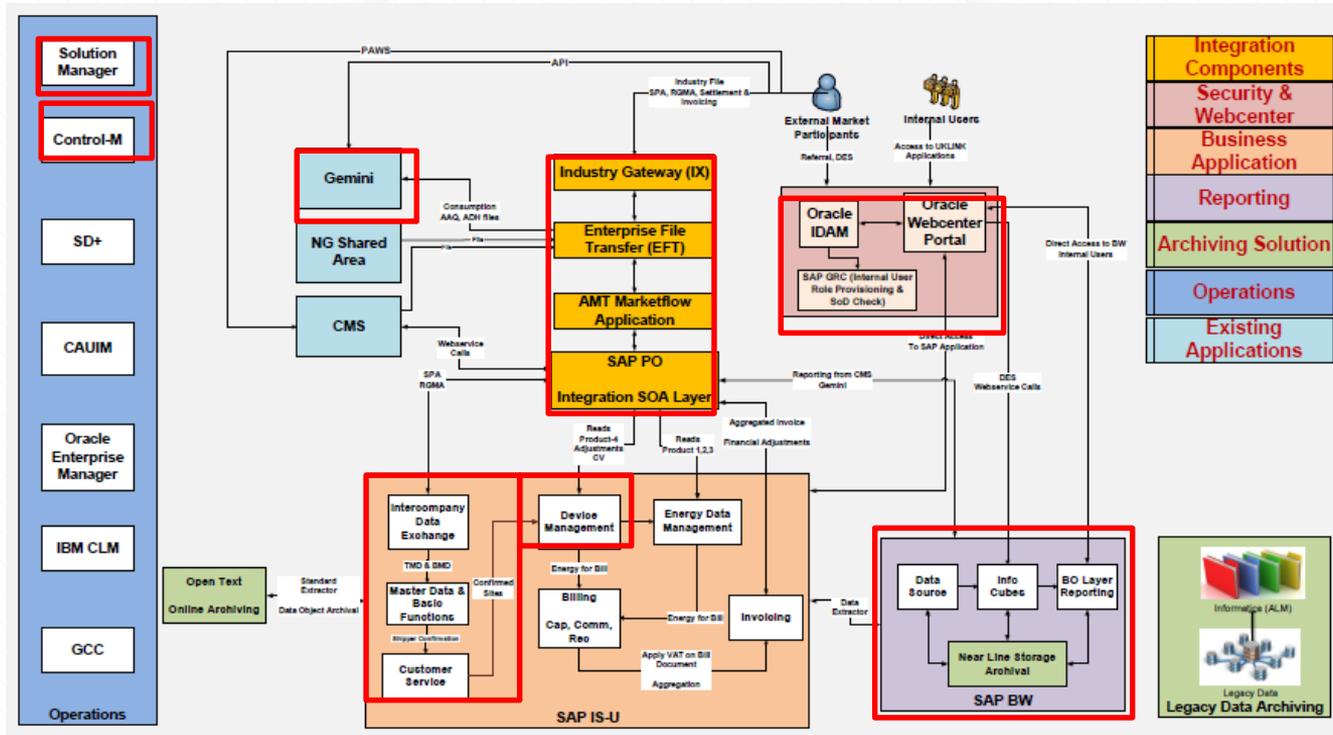


CURRENT POSITION

Testing RR vs “V” Model



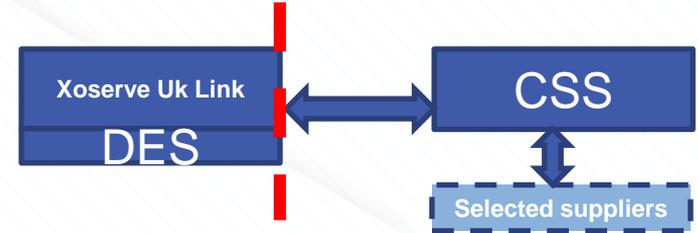
Impacted Systems



Impacted Components

Current CSS External Testing Phases

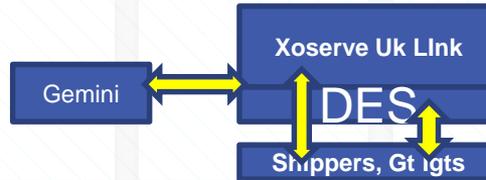
SIT : integration of core system



UEPT – user entry process testing
Proving the ability to interact with CSS ,
preparing and using their back office
systems – **component testing**



Consequential Change – testing of changes
made to existing systems due to the CSS
programme. Underpinning UEPT and
fundamental to E2E. **Component testing**



E2E to prove the systems and processes
work across the CSS programme . All
taking part **MUST** have completed UEPT
prior to commencement



CSS Market Trials Framework

SI

Functionality testing

Invoicing & Networks

Xoserve

Consequential Changes

Regression tests

CSS

Switching functionality

MPRN Master data only

Additional data to allow settlement & invoicing

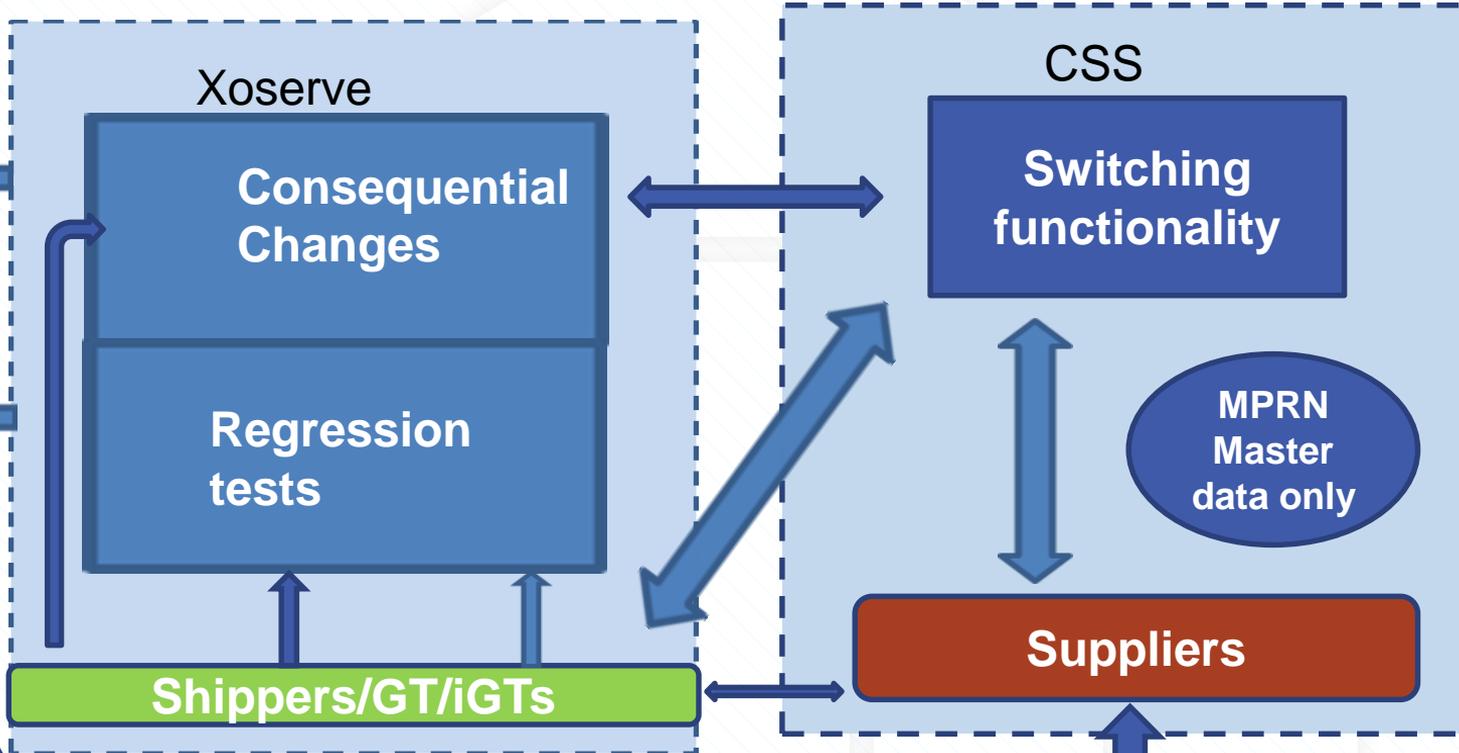
Shippers/GT/iGTs

Suppliers

DES

APIs

MT TEST ENVIRONMENT



Objectives of Consequential Change testing

- To provide the industry with the opportunity to test new processes, interfaces and functionality developed in their systems with Xoserve, either prior to CSS testing or prior to CSS Go Live
- That all back office processes , supporting the switching process, are effective and support the overall objective of faster switching
- Any changes, due to the centralised switching programme, made to existing Xoserve functionality will be proven to remain operational without degradation of service
- The CSS E2E process and testing are protected as this demonstrates that all industry systems and processes support the new changes and fundamentally the customer offering is enhanced.

Process and Secondary Interface Scope

- The below processes and following slide describe Xoserve's consequential design and secondary interface scope:
- Supply Meter Point Creation
- Provision of settlement and Supply Meter Point capacity requests for a new Shipper's registration period
- Notification of Supply Meter Point Details for a confirmed Shipper registration
- Shipper ceased responsibility notifications
- Opening / Transfer Meter Reads
- Asset updates for a pending registration
- Supply Meter Point updates for a pending registration
- Provision of Meter Point updates to Gas Transporters (GTs & iGTs)
- Provision of Shipper portfolio changes for Energy Balancing (Gemini)
- Provision of Supplier portfolio changes for smart metering

High Level changes



Interface
summary

Change Type	
Change to current file format	15
Decommission	2
New API	4
New interface file	4
Process change	21
Awaiting decision on shared supply points	5
Total	51

Impacted Party	Impacted file format count
Shipper	30
GT	5
iGT	7
MAP	2
Smart DCC	2
Gemini	2
Total	48

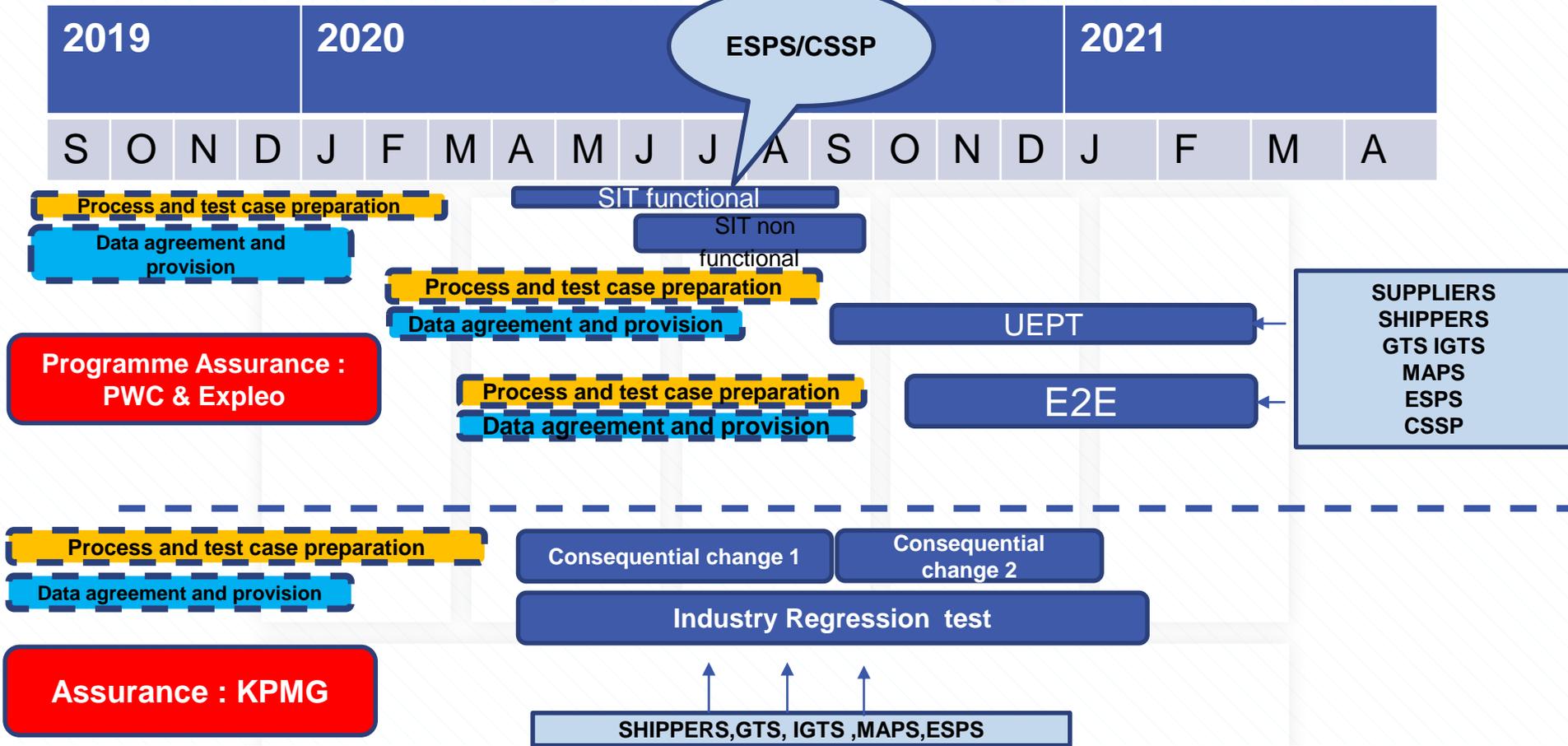
Rejection codes

Amendments are being made to retained files to reject any requests for CSS managed meter points.

This introduces a number of new rejection codes that will be issued to Shippers to:

- Reject confirmation requests
- Prevent Supplier updates
- Reject changes to Market Sector Code

CSS External Testing High level Timeline



Assumptions

- E2E must complete before the start of St1 (First stage of Transition when CSS and ESPs will be connected and registration starts)
- Shared supply points will be moved out of scope of CSS
- 2 full invoicing cycles required – including supplementary information – agreement to be reached on the full requirement for Consequential Change
- Participation in consequential change testing remains optional, however, a minimum number of participants will be agreed by Ofgem
- A Release management strategy will be agreed to enable the progression through testing
- A data cut (and subsequent load) to be carried out to enable ALL parties to test for CC – this will be separate to any cut/load required for CSS/SI testing
- Full data strategy will be agreed to enable testing to take place
- GDPR issues will be resolved to ensure data sharing
- Gemini and DES will be available throughout both CC phases
- CC and E2E will run off 2 separate environments due to SI's data refresh strategy and parallel testing , therefore, there will be a requirement for several different data cuts

The logo for xserve, featuring the word "xserve" in a blue, sans-serif font. The "x" is stylized with a blue arrow pointing to the right, and the "s" is a light blue color. The background is white with a faint, light blue grid pattern.

xserve

MEETINGS GOING FORWARD

Structure Going Forward

- Upcoming Key Dates

Activity	Date	Comments
Market Trials Approach first draft to industry	29 th November 2019	
Market Trial Approach industry sign off	31 st January 2020	
Data Agreement	31 st December 2019	Must be aligned to agreement made through CSS programme
Agreement on processes to be tested	13 th December 2019	
Agreement on profile of data cut	20 th December 2019	
Industry advise of participation in CC1	20 th January 2020	
Data cut for CC1	23 rd January 2020	For a CC1 start date of 14 th April 2020

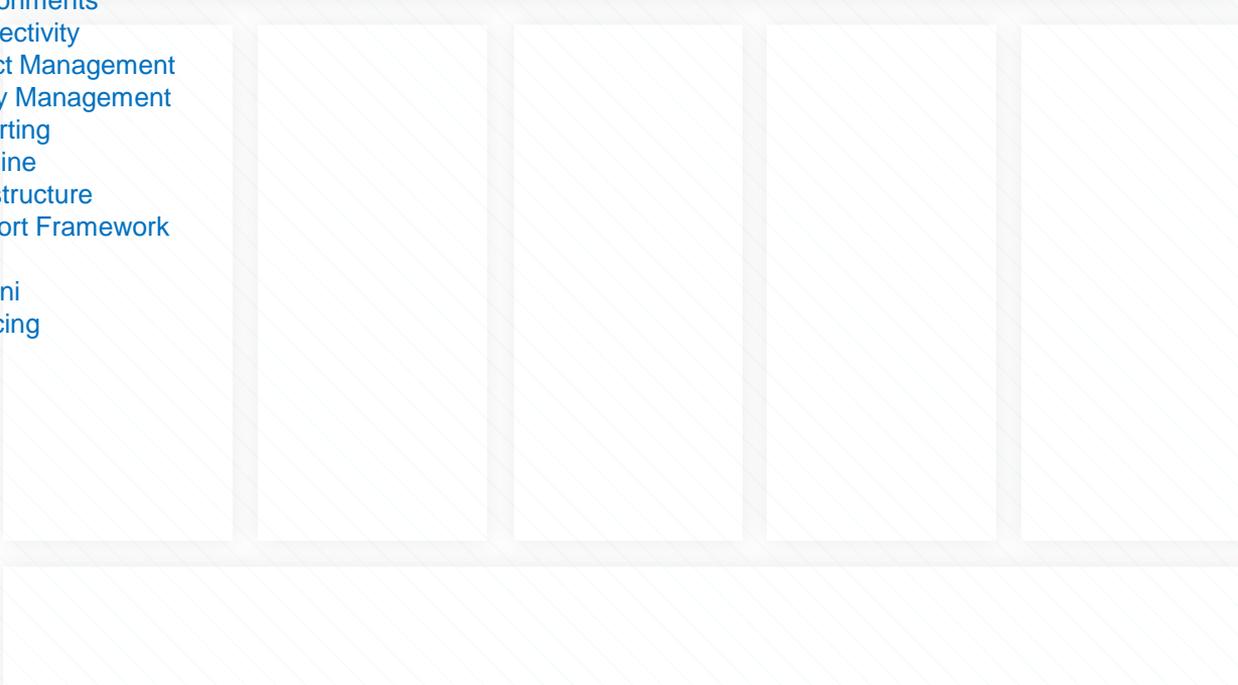
Key Topics for discussion

- Planned meetings
 - Face to face/skype call every month – 10.00-3.00
 - Fortnightly skype call on progress – 2 hours
- Key Topic areas
 - Working practices for Xoserve Consequential Change
 - Such as reporting throughout testing
 - Processes to be tested
 - Data to be used and timelines
 - Defect Management
 - Query Management
 - Gemini
 - DES
 - Invoicing
 - Entry and Exit criteria
 - Alignment with CSS programme
 - Market Trials Approach Walkthrough

Market Trials Approach High Level

- The approach is intended to cover :
 - In and out of scope
 - Processes
 - Data approach
 - Roles and responsibilities
 - Environments
 - Connectivity
 - Defect Management
 - Query Management
 - Reporting
 - Timeline
 - Infrastructure
 - Support Framework
 - DES
 - Gemini
 - Invoicing

- Entry and Exit Criteria
- Risks & Issues
- Alignment with CSS programme
- Registration process
- Release and Incident Management



Market Trials Approach

- First Draft will be issued to the industry on 29th November 2019 for comment
- Due to tight timescales, a 5 business day review would be appreciated with responses returned by 6th December 2019
- Comments will be responded to by 13th December 2019
- Further draft issued by 20th December 2019
- Comments required by 10th January 2020 with responses back by 17th January 2020
- Final draft to be issued by 24th January 2020
- Final sign off through Face to face/Skype session around 31st January 2020 (date to be confirmed)
- Sessions leading to approval will be scheduled to ensure priority areas are discussed and agreed with any concerns being surfaced as early as possible

CC Market Trials Data

- Current CSS programme position as per the latest Ofgem Testing Working Group :
 - The SI, DCC, Ofgem and Industry representatives are reviewing options to use Production Data as the source for Test Data for SIT, UEPT, E2E and other Test Phases. This will be an item on the agenda of the Ofgem Testing Working Group on 11/11/2019
 - The Programme are looking at uplifting the Data Protection Impact Assessment to include the handling of Production Data for testing
 - The SI will coordinate the production of a Security Framework document, including focus on security of environments, transport mechanisms, usage and retention policies
 - For Functional SIT, work on the data for Gas and Industry needs to commence in the coming weeks. The SI are attempting to articulate an overall data requirement
 - The SI intend to set up a weekly forum to discuss requirements and activities to move ahead with regard to Test Data
- All data agreements must be in line and it is the intention to ensure that all data used across testing is covered by the DPIA – to enable E2E testing to happen this must also cover Consequential Change

CC Market Trials Data

- As CC1 starts at the same time as External SIT (14th April 2020), the timescales for agreement on the use of data with ALL parties is the same and will need to be aligned
- To manage testing Xoserve will be responsible for 4-5 data cuts :
 - External SIT for CSS
 - UEPT for CSS
 - E2E for CSS
 - Stand alone data cut for Consequential Change ; possibly 2 if those taking part in Phase 2 require a later cut
- Dates will need to be agreed for each phase allowing sufficient time for both Xoserve and the receiving organisation(s) to carry out their validation and load routines
- Transfer mechanisms will need to be agreed , however, it is expected that these discussions will also take place within the CSS arena with security measure and transfer mechanisms being agreed across the industry
- Consequential Change and External testing will run on separate environments due to the parallel testing , therefore, data cuts will be specific to testing phase
 - This will mean that if organisations are taking part in E2E , they must complete their Consequential change testing in Phase 1 to ensure that they can direct to the right environment

High level process walkthrough

- Xoserve has produced a “starter for 10” for the in scope processes
 - To be walked through in a scheduled meeting
 - It will be the responsibility of each organisation to develop their own test cases
 - With development of the processes, any support from Xoserve will need to be agreed
- Agreement needs to be reached on any Regression tests to be carried out
 - This is not a test due to a change or a defect
 - This is a test required by the industry due to the change in code as a result of CSS e.g NTS sites – this code remains
 - It is anticipated that this will only be a small , discreet number of tests
 - Confirmation of these tests will be needed and who will be testing them to ensure that the appropriate data is set up

AOB & Close

- Next meeting 21st November (tbc) – skype call