

Project Nexus

Monthly Nexus Status Update

8 February 2016

***Please note:** Information contained within this document will also be supported by verbal update during the PNSG and therefore should be considered in this context when being read in isolation.*

We have been informed that all Xoserve provided data (on non-PwC branded pages) has been subject to review by Baringa prior to submission by Xoserve. In doing so, Baringa will identify any material 'deltas' in opinion between themselves and Xoserve. PwC does not accept responsibility for the accuracy of data provided by Xoserve.

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1. PNSG Programme Report

Please note: *The section will be used in the PNSG meeting, with reference to supporting slides later in the pack as necessary.*

1.1. Overall Programme Update – Key Milestones

As at 3 February 2016

Overall RAG: The overall programme status is **Amber** as continued L3/L4 market trials progress is dependent on Xoserve UAT completion, which remains at risk. In addition, Xoserve report that Unique Sites delivery milestones are also at risk. Positive plan progress has been made since the last PNSG, with L3/4 market trials commencing and agreement on a preferred option for RAASP interim arrangements.

	Overall RAG	1 st Oct 16 Go-live
Current:		
Mitigated:		

As planned, the L3/4 staggered approach to Market Trials commenced on 1 February 2016.

- Xoserve and the 8 ‘Tranche 1’ participants were ready to start trials on 1 February 2016. Limited trial activity has been conducted to date – verbal update to be provided. The 11 ‘Tranche 2’ participants to start 15 February.
- As at 1 February, 13 non-global MT data defects remained of the 56 previously reported to participants.
- There is a risk that further data defects may arise as proactive validation of the MT dataset by Xoserve is not yet complete.
- Previously reported ‘ERR’ and ‘FRJ’ rejection functionality defects still await resolution and further verbal update will be provided by Xoserve.

Xoserve UAT milestones are ‘amber’ for functionality to be delivered to MT on 1 March and 1 April.

- Xoserve UAT of RGMA functionality is not progressing to plan and is unlikely to complete by 29 February.
- Other areas of functionality are also at risk including Reconciliation Invoicing, which is due to complete by 31 March.
- See **Page 17** for an overview of the Xoserve UAT status.

The Xoserve delivery of Unique Sites functionality is at risk.

- Xoserve completed detailed design for Unique Sites by 31 Jan.
- The delivery plan is currently being validated but a number of challenges have been identified by Xoserve (see **Page 24**). Our initial view is that these are similar to those that resulted in the de-scoping of RAASP.
- The industry plan on a page has been updated with the proposed US delivery milestones (see **Page 6**).
- UAT for US invoicing functionality is not scheduled to complete until 10 June 2016, which overlaps with US MT. Xoserve to provide verbal update on any potential impact.

A preferred option for RAASP interim arrangements has been agreed by PNUNC.

- The option to continue existing RAASP processes (currently only applicable for Large Supply Points (‘LSPs’) via RGMA and CMS flows) is considered a workable option for the industry.
- Shippers will be required to extend their current manual processes from 1 October 2016.
- Delivery and testing of the interim arrangements now need to be planned and overlaid onto the Nexus industry plan.

Other highlights

- The MTWG has now been placed back into hibernation following finalisation of the staggered approach to L3/4 market trials.
- An updated version of the L3/4 MT Approach document has also been published on the Xoserve website to reflect these changes to the approach.
- Themes and recommendations have been collated from the Nexus Engagement Survey and are summarised within **Appendix 1**.
- Four workshops have been scheduled during w/c 1 and 8 February for PwC and Xoserve to jointly review areas of the Xoserve programme delivery.

- A further workshop, hosted by PwC, is being arranged to explore how the key learnings from other SAP IS-U implementations are being addressed.
- Baringa reporting on their view on the Xoserve programme risks have now been included in this pack on **Page 11**.

Risk and Issues

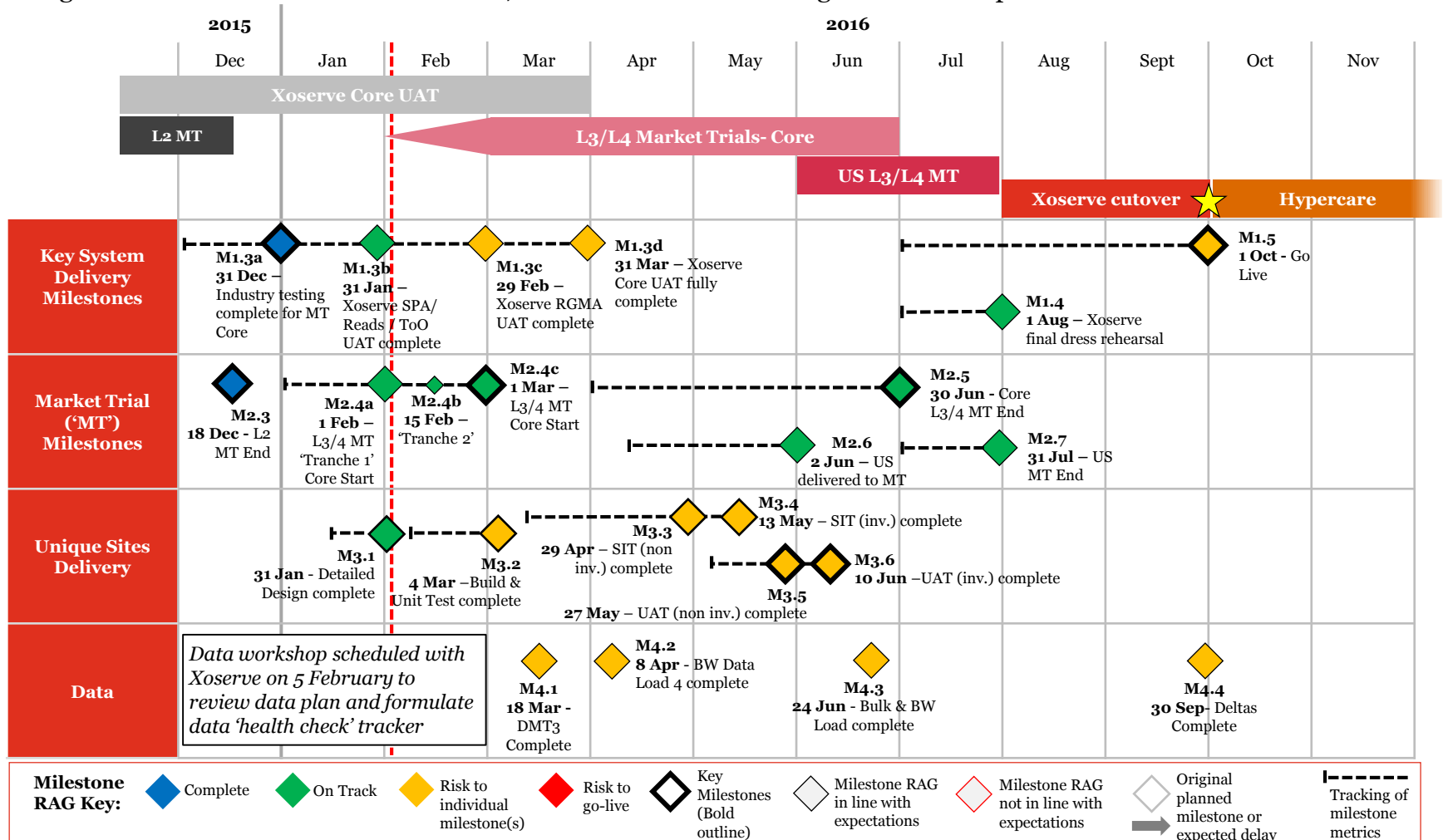
- The Risks and Issues logs have been provided separately to the PNSG for information purposes. These incorporate changes agreed at the last meeting and will be formally reviewed at the next meeting on 22nd February.
- **Risk 10**, relating to transition has been updated for discussion during the 8 February meeting.

#	Workshop area
1	Data migration / quality plan, approach and execution – including the agreement of ‘data health’ milestones and criteria.
2	Programme governance, management and control.
3	Programme resourcing.
4	Exception management in post go-live environment.

1.2 Industry Plan on a Page




As at 3 February 2016

'Industry plan on a page', with a RAG status of key milestones. The plan does not currently take into consideration arrangements for a RAASP interim solution, which will need to be integrated into the plan once known.






1.3 Key Milestone Status

As at 3 February 2016

Key Milestones	RAG	Key metrics	Additional Commentary
M1.3b 31 Jan – Xoserve SPA/ Reads / ToO UAT complete		<p>Xoserve UAT functional RAG reporting (as at 1 Feb):</p> <ul style="list-style-type: none"> 1 out of 18 processes were reported as ‘Red’: <ul style="list-style-type: none"> AMT Technical Rejection (due to change to ERR/FRJ files) 3 out of 18 processes were reported as ‘Amber’: <ul style="list-style-type: none"> Including SPA / Gemini & CMS Functional Rejection <p>A small number of change requests and some defects (either from UAT or L2) remain outstanding as MT commenced. A verbal update of defect resolution progress will be provided by Xoserve.</p>	<ul style="list-style-type: none"> Xoserve UAT progress data on Page 17.
M1.3c 29 Feb – Xoserve RGMA UAT complete		<p>Xoserve UAT functional RAG reporting (as at 1 Feb):</p> <ul style="list-style-type: none"> 2 out of 11 processes were reported as ‘Red’: <ul style="list-style-type: none"> RGMA Asset Exchange and Functional Rejection (a number of defects encountered) 3 out of 11 processes were reported as ‘Amber’: <ul style="list-style-type: none"> Including Functional Rejection <p><i>Confidence is currently low for the delivery of RGMA functionality to MT, as planned for 1 March 2016. Impact to be determined.</i></p>	<ul style="list-style-type: none"> Xoserve UAT progress data on Page 17.
M1.3d 31 Mar – Xoserve Core UAT fully complete		<p>Xoserve UAT functional RAG reporting (as at 1 Feb):</p> <ul style="list-style-type: none"> 1 out of 7 processes were reported as ‘Red’: <ul style="list-style-type: none"> Invoicing Reconciliation (limited testing to date due to EBF issue) 1 out of 7 processes were reported as ‘Amber’ 	<ul style="list-style-type: none"> Xoserve UAT progress data on Page 17.



1.3 Key Milestone Status

As at 3 February 2016

Key Milestones	RAG	Key metrics	Additional Commentary
M2.4a 1 Feb – L3/4 MT 'Tranche 1' Core Start		<p>L3/4 MT Core commenced on 1 February for 'Tranche 1' participants, as planned.</p> <ul style="list-style-type: none"> • Xoserve final readiness – Prior to commencement Xoserve had stated they met their internal readiness criteria and a 'go' decision was taken to commence trials. • Participant final readiness - 'Tranche 1' participants expressed readiness to commence testing via PwC portal and/or follow-up calls. 	<ul style="list-style-type: none"> • A verbal update on L3/4 MT 'Tranche 1' progress will be provided to PNSG.
M2.4b 15 Feb – 'Tranche 2'		<p>'Tranche 2' L3/4 MT commencement readiness</p> <ul style="list-style-type: none"> • Checkpoint call scheduled 8 February to confirm commencement for 'Tranche 2' participants on 15 February. • Two 'watch list' participants scheduled to commence on 15 February. • PwC follow-up calls scheduled with 'Tranche 2' participants during w/c 8 February to confirm readiness. 	<ul style="list-style-type: none"> • See Slide 20 for overview of 'watch list' participants
M2.4c 1 Mar – L3/4 MT Core Start		<p>'Tranche 3' L3/4 MT commencement readiness</p> <ul style="list-style-type: none"> • Checkpoint call scheduled 15 February to confirm commencement for 'Tranche 3' participants on 22 February. • Three 'watch list' participants scheduled to commence from 1 March. • PwC follow-up calls with 'Tranche 3' participants to be scheduled for w/c 22 February to confirm readiness. 	<ul style="list-style-type: none"> • See Slide 20 for overview of 'watch list' participants

1.3 Key Milestone Status

As at 3 February 2016

Key Milestones	RAG	Key metrics	Additional Commentary
M3.1 31 Jan - US detailed design complete	 	<ul style="list-style-type: none">• Xoserve is reporting that all 33 functional design documents impacted by US have been completed and approved.• This includes updates to 30 'core' functional design documents, which have common US and Core functionality.• Build has commenced for a number of functional areas.	<ul style="list-style-type: none">• See Slide 24 for overview of 'watch list' participants.

2. Baringa - Xoserve Assurance Update



PNSG Exception Report

UK Link Programme

Client: Xoserve

Date: 3rd February 2016

Version: V1_3

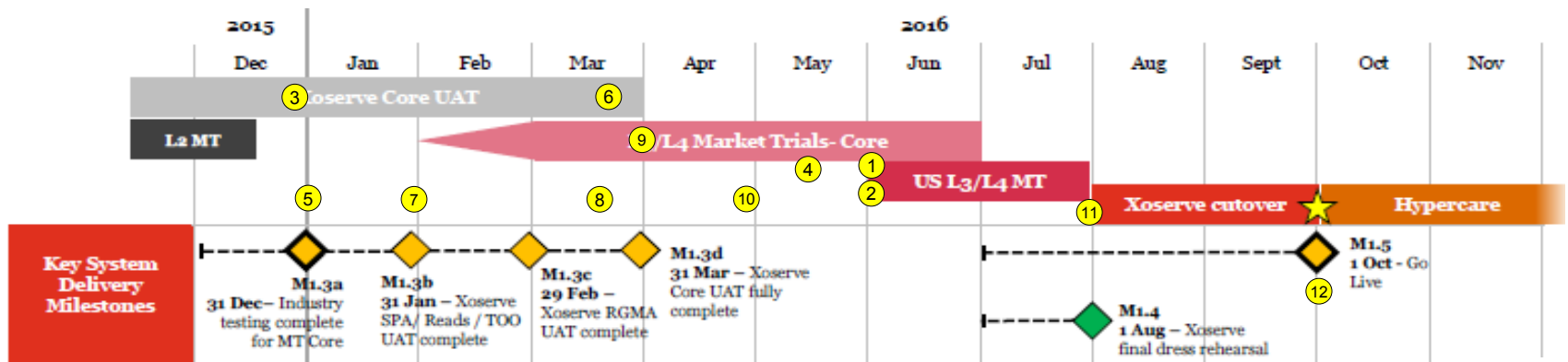
Reputation built on results

- ▶ Key risk areas on the Programme are as follows:
 - Good progress with pre-invoicing processes in E2E, with some risk areas outstanding:
 - Current forecast dates are reliant on no further major blockers being encountered
 - Although good progress has been made on the Capacity and Commodity billing side, there are concerns over the feasibility of the Reconciliation invoicing plan given continued Easy Billing Framework(EBF) issues
 - RGMA issues represent a key concern for making this functionality available to Market Trials (MT) by March
 - Rejection test first pass execution for other process areas nearing completion, including SME assurance. SME assurance has been focused on closeout in recent weeks
 - Continued improvement seen in integration with the defect management and defect fix team, which is driving a reduction in blocking defect turnaround time
 - The decision to proceed into MT marks a substantial milestone for the Programme. There are however several key risks that exist:
 - Remaining identified data defects and incomplete proactive validation of the full MT dataset
 - Support model constraints – Ensuring MT support does not disrupt concurrent Programme activities
 - The release management process requires rigour and robust control. Whilst initial code comparison and MT tests suggest that there are no significance transport-related issues, this will need very careful control due to the multiple streams of testing that are being run concurrently
 - Performance Test (PT) has been delayed and is currently behind execution plans. Data issues and functional stability will likely continue to present challenges to the PT plans in place. Initial results have been positive with the exception of one batch process
 - Future data migration phases carry substantial risk, with alternative data delivery strategies being investigated
 - Outstanding Change Requests require prioritisation and alignment with the industry release plan.

- ▶ Priority recommendations are:
 - Continued delivery of identified resource augmentation options E.g. Data Migration & Performance Test – including reinforcement of overtime messages for key Xoserve resources
 - Monitoring and mitigation to outstanding MT risk areas:
 - Continued proactive validation of the MT data set to ensure that as many data defects are proactively identified as possible
 - Continued refinement of the support model to ensure that there is not a substantial draw on resource from the wider Programme
 - Delivery of prioritised CRs with a clear delivery plan provided to industry
 - Commence analysis into the potential build up of risk within the data stream – Reviewing forward plans and consider options on how best to assess the wider holistic quality of migrated data
 - Continued reprioritisation of CRs in line with impact to MTL3 and requirement for Day 1
 - Establish mitigation options for Performance Test delays including prioritised scope and execution plans
 - Delivery of a full plan for the RAASP interim solution, and understanding of when the full RAASP solution build needs to take place

Plan & Risk Horizon

Industry POAP extract (15th Jan)



KEY
 Improving Trend
 Worsening Trend

Issue/Risk
<p>① </p> <p>Unique sites plans carry a significant level of risk, however Design has been completed in line with the revised industry milestone</p>
<p>② </p> <p>Onwards interim RAASP plan requires confirmation given PNSG decision to defer full solution on 8th Jan. Full soln. future build dates need confirming.</p>
<p>E2E test</p> <ul style="list-style-type: none"> • Growing confidence in pre-invoicing readiness from SMEs • Although good progress has been made on the Capacity and Commodity billing side, there are concerns over the feasibility of the REC invoicing plan given continued EBF issues • Business validation of Test Traceability is now complete, with a plan required to resolve outstanding queries • Defect numbers remain relatively stable with improvements in Fix team turnaround – Downstream risk to Xoserve resource capacity for retest.
<p>④ </p> <p>Robustness of release management inc Regression testing needs improvement – This needs careful monitoring during concurrent testing streams (PT, MT & UAT/Confidence).</p>
<p>⑤ </p> <p>Internal CR delivery pipeline and related external release plan – Outstanding Change Requests require prioritisation and alignment with the industry release plan</p>
<p>⑥ </p> <p>Unplanned test elements urgently require planning and resourcing – Data Migration test cycle impacts and Interim RAASP plans</p>

Issue/Risk
<p>⑦ </p> <p>Performance Test (PT) has been delayed and is currently behind execution plans. Data issues and functional stability will likely continue to present challenges to the PT plans in place. Initial results have been positive with the exception of one batch process</p>
<p>⑧ </p> <p>Residual Performance Test activities need scoping and planning</p>
<p>⑨ </p> <p>MT Data load</p> <ul style="list-style-type: none"> • The level of migration defects, and historical fix success rates suggest that data quality issues may persist into MT • Ongoing structured data validation plan is required to provide confidence in the full data set
<p>⑩ </p> <p>Future data migration phases carry substantial risk, with alternative data delivery strategies being investigated</p>
<p>⑪ </p> <p>Business Transition requires urgent attention to confirm plans for testing during market trials. Detailed planning for any Legacy system changes is critical.</p>
<p>⑫ </p> <p>Business Change and Readiness plans to be validated through completion of a fit for purpose Change Impact Assessment.</p>



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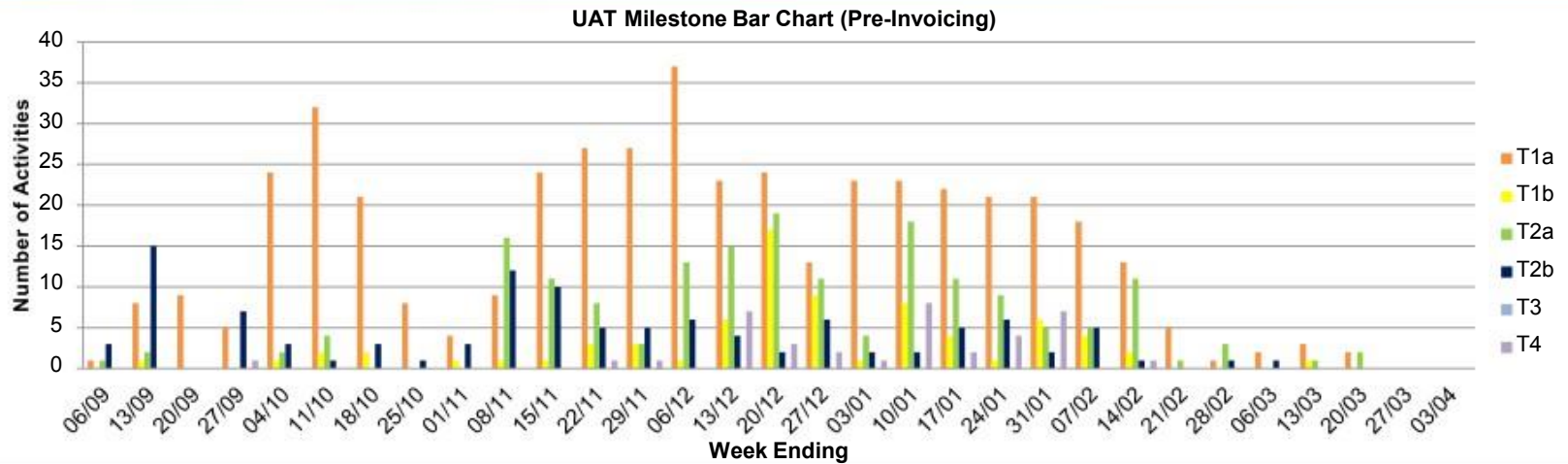
3. L3/L4 Market Trials Update

Note: *L3/4 Market Trials commenced on 1st February 2016 and a verbal progress update will be provided to the PNSG on 8th February 2016 following the first week of MT activity.*

T1A - SPA **T2B** - AQ / Correctional
T1B - RGMA Weather Variance
T2A - Reads **T3** - Invoicing
T4 - Gemini & CMS

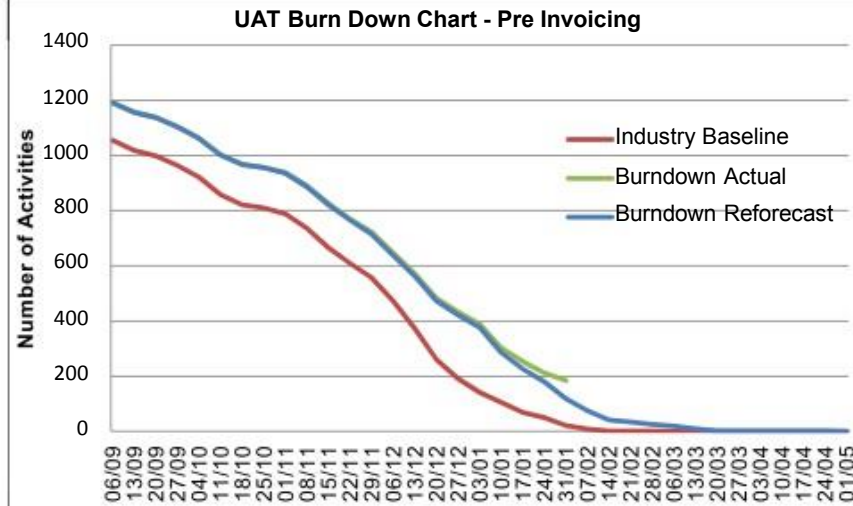
E2E UAT Progress Update

WE 31/01/2016



Key Messages:

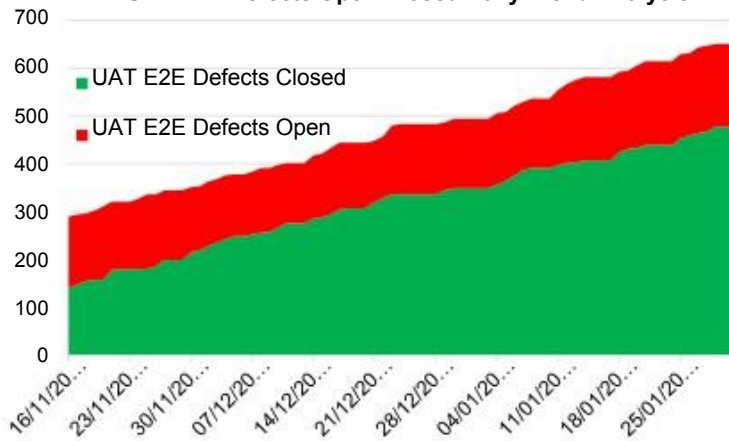
- UAT E2E testing continues to progress:
 - 9 E2E scenarios have now completed
 - 37 E2E scenarios are awaiting invoicing steps to be completed prior to being completed
 - 47 E2E scenarios are still in progress
- AAQ Catch-ups have meant some downstream activities have slipped, but generally are all process areas **that will already have been tested in other scenarios**
- Some of the overlapping milestone activities are **just marker milestones** (e.g. AQ going live), not testing activities as such - the steps would already have been executed for these scenarios prior to February
- Milestone movement is attributed to:
 - Challenges on iGT scenarios due to the limited UAT data set
 - Unexpected resource challenges encountered
 - Due to a lack of EBFs in the UAT data set (same issue as MT Data Load), there are challenges completing REC invoicing
 - Prime & Subs progress has been impacted by Target Testing progress in this area



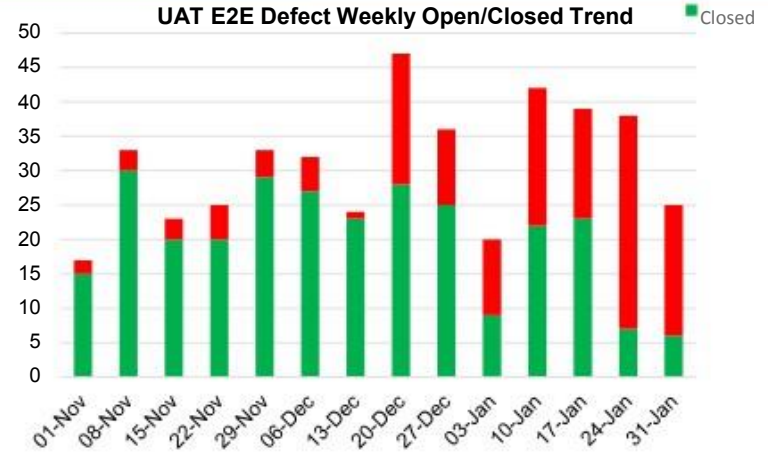
E2E UAT Defect Update

WE 31/01/2016

UAT E2E Defects Open/Closed Daily Trend Analysis



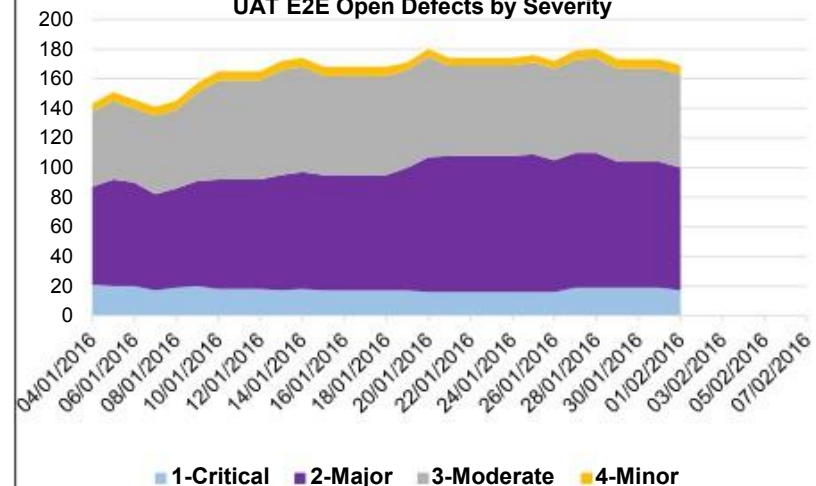
UAT E2E Defect Weekly Open/Closed Trend



Key Messages:

- Total of 169 open UAT E2E Defects
 - 16 of these defects are Critical **though not all MT impacting**
- 63 of the 169 are ready for re-test
 - 7 of these defects are Critical (these are included in the 16 mentioned above)
- **All UAT E2E defects, for the first phase of MT functionality being tested, have been reviewed to understand any potential MT impact:** one defect relating to Supply Point Amendments is still outstanding & is under analysis. 3x defects are also being carried over from MTL2, relating to the PCD, FRJ & JOB files (FRJ is the only Day 1 impacting defect).
- As MTL3 progresses through functionality, relevant defects to that functionality will be reviewed & outstanding defect information shared.

UAT E2E Open Defects by Severity



Market Trials Level 3 Data Readiness Update

- At the PNSG meeting on 18th January 2016 Xoserve reported 7 global data defects outstanding.
- All of the global defects were resolved by 22nd January
- 56 identified “non global” data defects were outstanding
- Fallout reports of circa 290k MPRNs included all MPRNs impacted by the 56 outstanding defects
- As of 1st February, 13 data defects remained outstanding
- Priority data defect resolution continues as focus moves to commencing Data Migration Test Cycle 3.

Xoserve



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2. Participant 'watch list' for MT execution

The table below provides a summary view of participants that reported a red status at Level 2 or have been classified as red status for Level 3/4 Entry. **In total this population represents 6% of market AQ and <1% of supply points.**

Participant	Rationale for original inclusion on 'watch list'	Plan to complete internal L2 Testing*	Level 3/4 Entry Readiness Status	
Participant A (I&C)	<ul style="list-style-type: none"> Slow test progress during L2. 33 open defects at L2 exit and high dependency on 3rd party supplier. 	<ul style="list-style-type: none"> Yes - when participant commences L3/4. 	<ul style="list-style-type: none"> Participant to commence L3/4 MT in chosen tranche to allow re-testing of defects open at L2 Exit. L3/4 remains red until open defects are successfully retested. 	↔
Participant B (I&C)	<ul style="list-style-type: none"> Did not take part in Level 2 Market Trials. 	<ul style="list-style-type: none"> No – increased risk of defects on L3/4 testing. 	<ul style="list-style-type: none"> No L3/4 entry submission made. PwC follow up call to be performed prior to participant commencing L3/4 	↔
Participant C (iGT)	<ul style="list-style-type: none"> Did not take part in Level 2 Market trials as they are waiting for stability in iGT file formats. 	<ul style="list-style-type: none"> No - increased risk of defects on L3/4 testing. 	<ul style="list-style-type: none"> Internal testing complete. Intend to take part in L3/4 Trials in chosen tranche and PwC to hold a readiness call prior to commencement. 	↑
Participant D (GT)	<ul style="list-style-type: none"> Significant connectivity issue between Xoserve and participant prevented full end-to-end testing of C1 and C2 files in L2. A number of defects were awaiting re-test of the connectively issue. 	<ul style="list-style-type: none"> Two minor outstanding L2 defects to be tested in L3/4. 	<ul style="list-style-type: none"> The participant has worked with Xoserve to jointly resolve the connectivity issues, which has now been positively tested. The participant has started L3 testing on 1 February as part of 'Tranche 1'. Participant will now be removed from the 'watch list'. 	↑
Participant E (I&C)	<ul style="list-style-type: none"> Stated they will not take part in Level 3/4 Trials. Issues with critical parallel system project diverting Nexus resources. 	<ul style="list-style-type: none"> No – indicated they will not take part in L3/4 Market Trials. 	<ul style="list-style-type: none"> Follow up call held to understand how the risk of not participating in Level 3/4 Trials will be minimised. PwC will continue to seek progress updates on the mitigation plan through Level 3/4 Trials and GONG 	↓
Participant F (I&C)	<ul style="list-style-type: none"> Participant has not completed any internal testing nor L2 Market Trials. 	<ul style="list-style-type: none"> No - increased risk of defects on L3/4 testing 	<ul style="list-style-type: none"> Indicated that they will participate in L3/4 to test their manual processes. They will commence this in Tranche 3 from 1 March 2016. PwC monitoring during Level 3/4 trials. 	↔

*This is internal L2 testing however, the organisations will need to submit files using the L3/4 filename prefix. These requirements have been communicated to all participants and are included in the approach document.

4. Unique Sites Progress Update

Unique Sites Detailed Design Update

- Unique Sites detailed design completed on 29th January
 - Unique Sites design took 4 weeks longer than planned due to volume of design impacts
- 33 Functional Specifications impacted by Unique Sites (RAASP had 8)
- 30 Unique Sites functional specifications are common with core and will require functional regression testing
- Significant overlap between build, ST, SIT and UAT phases to deliver the plan
- Unique Sites Invoicing UAT overlaps with the beginning of Unique Sites Market Trials phase
- Due to the close proximity of end of DD phase and PNSG, there are some validation actions still in progress for the delivery plan

Xserve



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5. Transition and Go-Live Readiness

Note – *Transition update provided by Xoserve. Go-live readiness to be included in future versions as the programme progresses towards this stage of delivery.*

Transition Progress Group Update

- **4 Transition Groups now held**
 - Scope includes sharing Transition Low Level Design.
 - 8 Walkthroughs; 3 completed on schedule.
 - 1 additional walkthrough focusing on iGT Transition to be included.
 - Expected to conclude 7/3/16.

- **Attendance encouraged at UKLIEF on 27/1/16. To date:**
 - 5 x Big 6 organisations
 - 3 x Challenger
 - 3 x I&C
 - 1 x DN
 - 1 x iGT

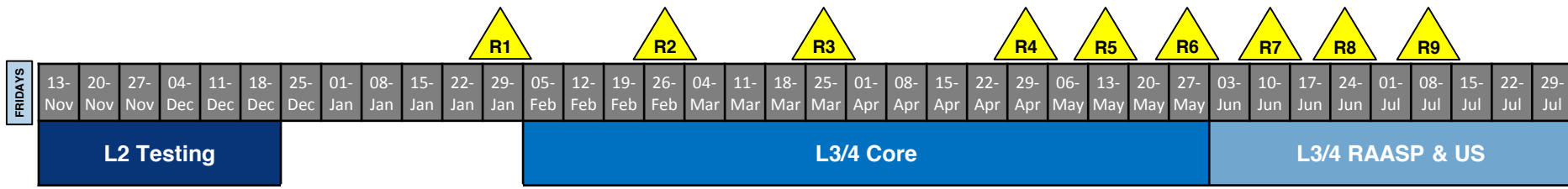
- **3 principle areas of focus:**
 1. Catch Up Approach - preferred/required behaviours/action on file submission and catch up to support “catch up” following 7 NEDs. First draft shared and feedback received. Currently under review by Xoserve.
 2. Timing of the Go/No Go Decision – impacts on multiple participants and their ability (if required) to “Roll Back” pending Xoserve’s Go/No Go.
 3. Testing Transition Design – options discussed and documented. TPG attendees to provide preference per organisation; PNSG likely to be asked to decide on a single approach.

6. Change Pipeline and Release Plan

Release Management Plan

(1/3)

R1 29/01/16	R2 26/02/16	R3 25/03/16	R4 29/04/16	R5 13/05/16
<ul style="list-style-type: none"> Xos_CR_1 (Mod 0487) Xos_CR_2 (Mod 0477) Xos_CR_3 (Mod 0466) Xos_CR_5 (Rolling AQ Market Tolerance Breaker) Xos_CR_6 (Dec 2014 File Format Changes) Xos_CR_8 (Aug 2015 File Format Changes) Xos_CR_9 (Negative Value Description Field Changes) Xos_CR_10 (ERR / FRJ Phase 1) Xos_CR_11 (ERR / FRJ Phase 2) 	NO CHANGE SCHEDULED	<ul style="list-style-type: none"> Xos_CR_13 (Contact Title Functionality) 	<ul style="list-style-type: none"> Xos_CR_14 (Suspecting Reads following Asset Attribute Update) Xos_CR_15 (AMT validation for 'no such file type') 	<ul style="list-style-type: none"> Xos_CR_4 (Mod 0466A) Xos_CR_7 (Mod 0466AV) Xos_CR_12 (Sep 2015 File Format Changes)



R6 27/05/16	R7 10/06/16	R8 24/06/16	R9 08/07/16
NO CHANGE SCHEDULED	NO CHANGE SCHEDULED	NO CHANGE SCHEDULED	NO CHANGE SCHEDULED

Change Pipeline

- Xos_CR_16 (Changes required to the iGT Migration Database and some of the iGT Input/Response Files (v3))

Key:
Green text insinuates a newly added Change Request

Release Management Plan

(2/3)

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
01/12/2015	UKLP CRDBI005	Xos_CR_1	Mod 0487	File format changed to include AMR and ASP details. Changes made in GEA file to include ASP details in it. File for registration process changed to include the AMR indicator. Changes made in other interface systems such as the Business Warehouse to store the AMR and ASP information. The purpose of the MOD is to ensure that Suppliers can find out if Automatic Reading equipment is at site.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI007	Xos_CR_2	Mod 0477	Faster switching changes are captured in RRC during design phase. Changes include to the minimum confirmation timescales to 14 days instead of 20days. There is no change to the timescale for shared site registration process.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI008	Xos_CR_3	Mod 0466	Amend the time the MDR file is provided to Shippers (i.e. currently sent at 11.00hrs to be sent at 12.00hrs). DMSPs to provide DLC files later, (i.e. currently provide DLC file at 08.30hrs will be able to provide DLC files at 09.30hrs).	YES	NO	YES	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI008A	Xos_CR_4	Mod 0466A	Amendment to the Performance Relevant standards associated with Daily Metered sites. D+1 liability to apply at 2pm. -D+1 Liability charge to reduce to £3 from £30.	YES	NO	YES	NO	R5 - 13/05/2016
01/12/2015	UKLP CRDBI054	Xos_CR_5	Rolling AQ Market Tolerance Breaker	Introduction of new checks while doing the rolling AQ calculation and as per current RRC rules, will run until 3 years after the go live date.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI055	Xos_CR_6	December 2014 File Format Changes	Following the review by Shippers of all File Formats that were consulted on as part of the UNC Section U UK Link Committee process, all accepted changes to the original baselined File Formats have been agreed with Shippers. Agreed changes to the original versions of products (records, files or hierarchies) require changes to be made to the agreed December 2014 Shipper File Formats.	YES	NO	NO	NO	R1 - 29/01/2016
02/12/2015	UKLP CRDBI089	Xos_CR_7	Mod 0466AV	Amendment to the performance relevant standards of service (liabilities) associated with Daily read provisions, and so changes the values and calculations for daily read liabilities, and removes the 97.5% performance standard. Make available within day read data – Hourly reads via IX (User Pays Service) – no requirement to record reads provided just ability to sent Via IX.	YES	NO	YES	NO	R5 - 13/05/2016
01/12/2015	UKLP CRDBI124	Xos_CR_8	August 2015 File Format Changes	August File Format Changes Agreed and Approved by Industry.	YES	YES	NO	YES	R1 - 29/01/2016

Release Management Plan

(3/3)

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
01/12/2015	UKLP CRDBI126	Xos_CR_9	August 2015 File Format Changes	Amendments to the file formats to incorporate negative field values and updating the AMT catalogue based on the revised file formats.	NO	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI128	Xos_CR_10	ERR/FRJ File Format & Rejection Codes Phase 1	ERR rejection response moving back to legacy logic. Issue 1: Amendments to the ERR file so that the ERR file content has the entire input file attached. Issue 2: Amendments to the response file name so that it is a match to the inbound file (adding .ERR) Issue 4: Rejections codes have been reverted back to legacy codes with no changes to the FRJ rejection codes.	YES	YES	YES	YES	R1 - 29/01/2016
01/12/2015	UKLP CRDBI128A	Xos_CR_11	ERR/FRJ File Format & Rejection Codes Phase 2	ERR rejection response moving back to legacy logic. Issue 3: The behaviour of DLC files when responding to DLC errors has been amended to ensure that XOS are the first three characters of the file name. Issue 5: The file type FSG and a set of six similar files have been amended so that the response does not send ERR/FRJ but instead FSR files (corresponding files).	YES	YES	YES	YES	R1 - 29/01/2016
02/12/2015	UKLP CRDBI158	Xos_CR_12	September 2015 File Format Changes	September File Format Changes Agreed and Approved by Industry.	YES	YES	NO	YES	R4 -29/04/2016
04/01/2016	UKLP CRDBI131	Xos_CR_13	Change to Contact title functionality	SAP functionality is required to be changed to allow the existing 'free format' for contact title updates to continue so Shippers can provide any contact title they wish.	YES	YES	NO	YES	R3 -25/03/2016
04/01/2016	UKLP CRDBI154	Xos_CR_14	Retro Updates - Suspecting Reads following Asset Attribute Update	Changes are to be made to have a consistent approach to the treatment of reads, being all reads recorded are marked 'suspect' and it will be shipper responsibility to either replace reads or submit a latest reading to trigger reconciliation and generate the adjustment to charges.	NO	NO	NO	YES	R4 -29/04/2016
04/01/2016	UKLP CRDBI157	Xos_CR_15	AMT Validation for No Such File Type	For inbound files received by AMT where a header record is not correctly populated or formatted and the file is not able to be processed, a validation will be built in AMT to automatically manage these scenarios. All file validation and validation responses are to be automated, so that there are no manual interventions required.	YES	YES	YES	YES	R4 -29/04/2016
02/02/2016	UKLP CRDBI165v2	Xos_CR_16	Changes required to the iGT Migration Database and some of the iGT Input/Response Files (v3)	In preparation for the migration of iGT data into SAP, iGT's submit monthly Input Files to update the data held within the Migration database. Some improvements have been identified to the data being submitted and the role/function of the database. File Format changes will result in supplementary changes to the Migration database in order to receive/validate the Input Files and to produce the Output File(s).	YES	NO	NO	YES	Pipeline

7. Xoserve FAQ Progress

UKLP Q&A Process M.I.

Query status by stakeholder type						
	DMSP	Network	Shipper	Grand Total as at 01/02/2016	Grand Total as at 04/01/2016	Difference
Closed	21	111	1886	2018	1957	61
Open	2	1	54	57	83	26
Grand Total	23	112	1940	2075	2040	

All Open Queries Age Analysis

	Figure as at 04/01/2016		Figure as at 01/02/2016		Difference	
	Count	%	Count	%	Count	%
<= 10 days	5	6%	23	40%	+18	+32%
11 - 20 days	21	25%	1	2%	-20	-23%
21 - 30 days	7	8%	1	2%	-6	-6%
31 - 40 days	12	14%	2	4%	-10	-10%
> 40 days	38	46%	30	53%	-8	+7%

All Closed Queries Age Analysis

	Figure as at 04/01/2016		Figure as at 01/02/2016		Difference	
	Count	%	Count	%	Count	%
<= 10 days	427	22%	435	22%	+8	0%
11 - 20 days	559	29%	574	28%	+15	-1%
21 - 30 days	347	18%	359	18%	+12	0%
31 - 40 days	176	9%	184	9%	+8	0%
> 40 days	448	23%	466	23%	+18	0%

Key Messages:

- 97% of all queries raised are now closed.
- Xoserve have closed over 200 questions since we began reporting on the Q&A stats.
- 100 of these closed questions fell into the over 40 days category. With only 30 questions in this area remaining.
- 10 questions out of the 57 outstanding have yet to reach a conclusive answer and are still being discussed at UK Link Committee.

xoserve



respect > commitment > teamwork

UKLP Q&A Process M.I.

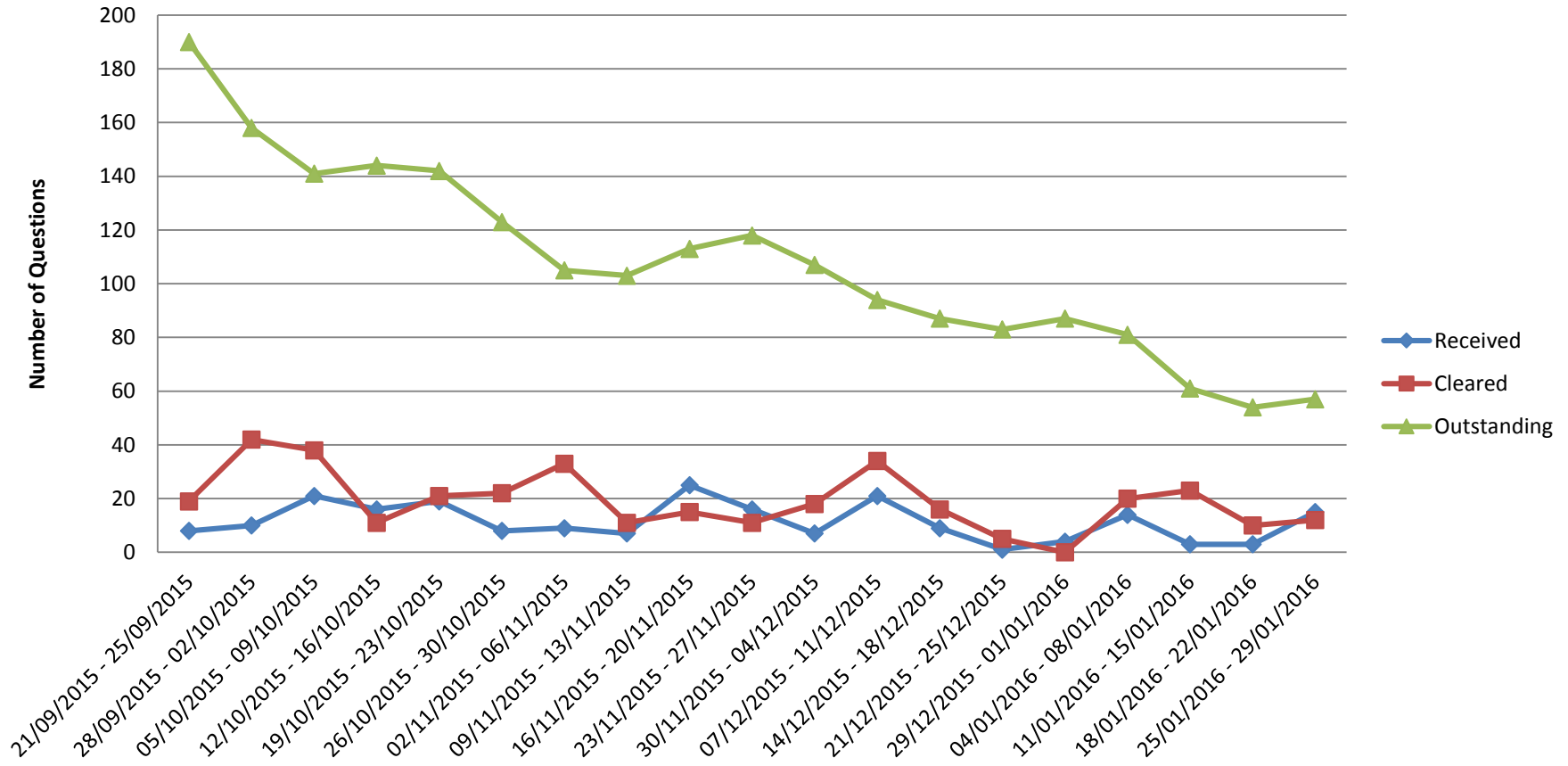
All Open Query Topic by Status			
Topic Area	04/01/16	01/02/16	Difference
AQ	3	3	0
BRD	0	0	0
Check Reads	0	7	+7
CMS	0	0	0
Faulty Meters	0	0	0
File Formats	33	19	-14
Gemini	1	0	-1
iGT	5	3	-2
Invoices	8	7	-1
Market Trials	1	0	-1
Other	3	1	-2
Reads and Settlement	11	8	-3
Reconciliation	2	3	+1
Reporting	1	1	0
RAASP	1	2	+1
SPA & RGMA	9	3	-6
Transition	2	0	-2
Unique Sites	3	0	-3

All Closed Query Topic by Status			
Topic Area	04/01/16	01/02/16	Difference
AQ	283	284	+1
BRD	22	22	0
Check Reads	18	21	+3
CMS	8	9	+1
Faulty Meters	28	28	0
File Formats	335	354	+19
Gemini	26	27	+1
iGT	190	192	+2
Invoices	88	92	+4
Market Trials	24	25	+1
Other	260	262	+2
Reads and Settlement	250	259	+9
Reconciliation	21	22	+1
Reporting	1	1	0
RAASP	91	91	0
SPA & RGMA	303	313	+10
Transition	7	9	+2
Unique Sites	2	7	+5

Key Message:

- The number of outstanding questions for File Formats now stands at below 20. We have been working hard since October focusing our attention in this area.
- Outstanding Questions have been prioritised by process criticality and Market Trials functionality phasing.

Weekly Volumetric Figures



Appendices

A1. Engagement Survey Results

The Nexus PwC Portal was used to gather feedback on the effectiveness of communications and engagement across 7 aspects of Project Nexus. The survey opened on 4 December 2015 and closed on 23 December 2015. **24 respondents, representing 21 organisations**, completed the survey.

Key Headlines:

- Overall **76% of respondents feel sufficiently engaged** in the industry wide programme, with **71% believing that engagement has improved over the last 3 to 6 months**.
- **86% of respondents** understand how to raise queries, risks and issues, but **only 24%** believe they these are being efficiently and effectively dealt with.
- **71% of respondents** feel appropriately involved in the planning for transition. **81%** understand the scope and timing of the PwC assurance activities.

1. The 'most effective' communication mechanisms are:

- A range of governance different forums and communication channels are valued by different participants.
- This highlights the diverse range of ways different individuals and organisations interact and engage across the programme.
- Examples of 'effective':
 - ✓ PNSG and associated outputs;
 - ✓ Engagement through MTWG forum;
 - ✓ UKLIEF and PNUNC;
 - ✓ Direct communications with PwC and Xoserve; and
 - ✓ E-mail communications.

2. The key areas highlighted for enhancement are:

- Early warning / visibility of potential changes to the industry plan (increase the planning horizon).
- Increased transparency of Xoserve's plan and progress.
- More clarity over the different sources of Nexus information and ensuring information is clearly structured within those sources (e.g. Xoserve.com)
- Improved consistency of messages across the various governance forums.
- Improved timeliness for dealing with queries, risks and issues.

3. Recommended Actions

Actions taken / underway:

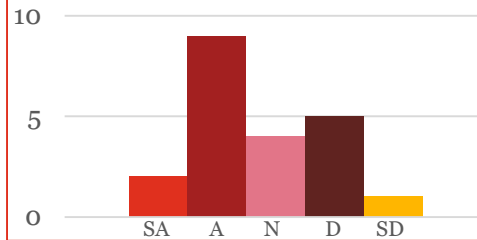
- The Monthly Nexus Status Update is now established – we are happy to further evolve to meet participant needs.
- Risks and issues logs provided to PNSG for formal review and discussion at the mid-month PNSG. Participants able to raise risks / issues via the portal.

Further actions to be taken:

- Review and re-circulate governance paper that sets out information flows and communication.
- Share relevant feedback from the survey to Xoserve and other organisations referenced.

2 Engagement Survey – Question Responses (Q1-4)

1. My organisation has clear visibility of the status and progress of Project Nexus at an industry wide level



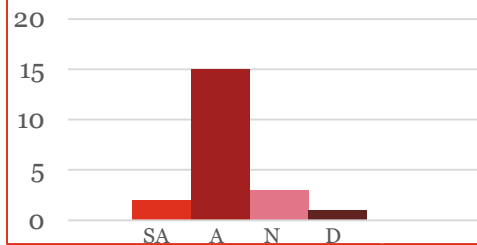
Insights

- 58% of respondents agreed or strongly agreed that their organisations had clear visibility of status and progress; and
- 32% disagreed.

Legend

- Strongly Agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly disagree

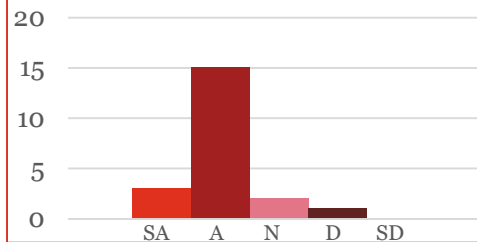
2. My organisation undertands the scope & timing of PwC assurance activity



Insights

- 81% of respondents agreed or strongly agreed that their organisations understood the scope of PwC's assurance role; and
- 5% disagreed.

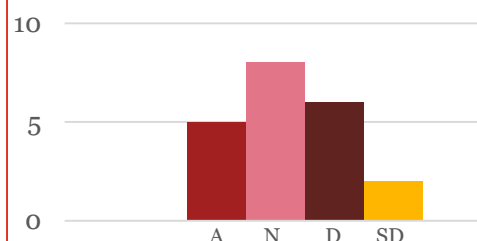
3. My organisation understands where market-wide queries, risks & issues should be raised



Insights

- 86% of respondents agreed or strongly agreed that their organisations knew where to raise risks and issues.

4. My organisation feels that queries, risks & issues are efficiently and effectively dealt with

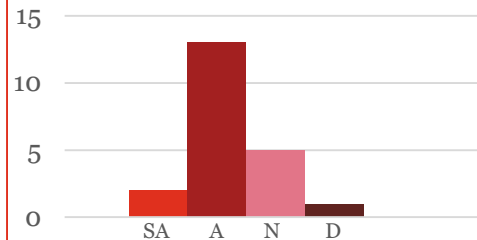


Insights:

- 24% of respondents agreed that queries, risks and issues were effectively dealt with; and
- 38% disagreed

2 Engagement Survey – Question Responses (Q5-7)

5. My organisation feels appropriately involved in transition planning



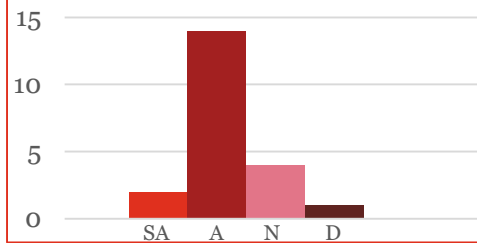
Insights:

- 71% of respondents agreed or strongly agreed that their organisations felt involved in transition planning; and
- 5% disagreed.

Legend

- Strongly Agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly disagree

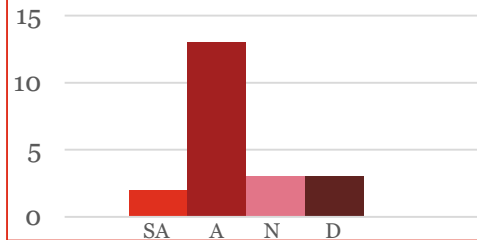
6. My organisation is sufficiently engaged by the industry-wide programme



Insights:

- 76% of respondents agreed or strongly agreed that their organisations felt engaged by the programme; and
- 5% disagreed.

7. Engagement has improved in the last 3-6 months through the Monthly Reporting Pack and PNSG key messages



Insights:

- 71% of respondents agreed or strongly agreed that the Monthly Reporting Pack had improved engagement; and
- 14% disagreed.

A2. Proposed Underlying Metrics for Industry Plan Key Milestones

The PNSG requested PwC to review the underlying key milestone criteria on the industry plan and ensure that these provide appropriate early warning of off-track performance or slippage. The proposed criteria are outlined below for review and comment. We will continue to review these in light of the changes recommended in this pack and the feedback received.

Key Milestones	Date	Key metrics	Source of data
Key System Delivery Milestones (Core)			
M1.3a - Industry testing complete for MT Core	31 December 2015	Industry UAT completion: <ul style="list-style-type: none"> • X of Y participants completed UAT for L3/4 MT. • Participants representing X% of AQ and supply points completed UAT for L3/4 MT. 	MT L2 Entry Criteria, PwC Assurance Portal
M1.3b - Xoserve SPA/ Reads / TOO UAT complete	31 January 2016	Xoserve SPA / Reads / TOO UAT testing: <ul style="list-style-type: none"> • X% tests successfully passed against X% planned [Trend] • X P1 and Y P2 open defects [Trend] • Overall confidence in meeting milestone. 	Xoserve
M1.3c - Xoserve RGMA UAT complete	29 February 2016	Xoserve RGMA UAT testing: <ul style="list-style-type: none"> • X% tests successfully passed against X% planned [Trend] • X P1 and Y P2 open defects [Trend] • Overall confidence in meeting milestone. 	Xoserve
M1.3d - Xoserve Core UAT fully complete	31 March 2016	Xoserve UAT testing complete (including invoicing): <ul style="list-style-type: none"> • X% tests successfully passed against X% planned [Trend] • X P1 and Y P2 open defects [Trend] • Overall confidence in meeting milestone. 	Xoserve
M1.4 - Final dress rehearsal	01 August 2016	TBC - to be agreed with Xoserve	Xoserve
M1.5 - Go-Live	01 October 2016	GONG Criteria – to be re-reviewed and finalised during January 2016	GONG criteria, PwC Assurance Portal

A2. Proposed Underlying Metrics for Industry Plan Key Milestones

Key Milestones	Date	Key metrics	Source of data
Market Trials ('MT') Milestones			
M2.4a – L3/4 Staggered MT Core Start	01 February 2016	<ul style="list-style-type: none"> • Xoserve L3/L4 readiness criteria • MT L3/4 Entry Criteria 	Xoserve, Criteria as tracked on the PwC Assurance Portal
M2.4c- L3/4 full MT Core Start	01 March 2016	<ul style="list-style-type: none"> • Xoserve L3/L4 readiness criteria • MT L3/4 Entry Criteria 	Xoserve, Criteria as tracked on the PwC Assurance Portal
M2.5- Core L3/4 MT End	30 July 2016	<ul style="list-style-type: none"> • MT L3/4 Exit Criteria 	Criteria as tracked on the PwC Assurance Portal
M2.6 - US delivered to MT	2 June 2016	<ul style="list-style-type: none"> • Xoserve US L3/L4 readiness criteria • US MT L3/4 Entry Criteria 	Xoserve, Criteria as tracked on the PwC Assurance Portal
M2.7 - US MT End	31 July 2016	<ul style="list-style-type: none"> • US MT L3/4 Exit Criteria 	Criteria as tracked on the PwC Assurance Portal
US Delivery			
M3.2 – US Detailed Design Completed	31 December 2015	<ul style="list-style-type: none"> • Industry validation / workshops complete • X of Y design documents complete and approved [Trend] • X outstanding / significant queries on design documents 	Xoserve
M3.3 – US Build / SIT Complete	6 April 2016	<p>Xoserve Build / SIT:</p> <ul style="list-style-type: none"> • X of Y functional objects built against plan of Z [Trend] • X of Y SIT scripts successfully complete against plan of Z [Trend] • X open P1 and P2 defects [Trend] <p>Industry Build / SIT:</p> <p>MT L3/4 US Entry Criteria</p>	<p>Xoserve</p> <p>Criteria as tracked on the PwC Assurance Portal</p>
M3.4 – US UAT Complete	31 May 2016	<p>Xoserve UAT:</p> <ul style="list-style-type: none"> • X% UAT scripts passed against X% planned [Trend] • X P1 and Y P2 open defects <p>Industry UAT:</p> <p>MT L3/4 US Entry Criteria</p>	<p>Xoserve</p> <p>Criteria as tracked on the PwC Assurance Portal</p>

A2. Proposed Underlying Metrics for Industry Plan Key Milestones

<i>Key Milestones</i>	<i>Date</i>	<i>Key metrics</i>	<i>Source of data</i>
Data Migration Plan			
18 Mar - DMT3 Complete	18 March 2016	TBC - to be agreed with Xoserve as part of 'data health' monitoring Key metrics likely to include: <ul style="list-style-type: none"> • Successful completion of mock migrations and data loads within reasonable / expected time [Yes / No]; • X data objects successfully migrated against plan [Trend]; • X data defects open [Trend]; • Data quality measurement over critical / key data objects; and • Successful completion of key interface testing [Yes / No / open defects]. 	Xoserve
8 Apr - BW Data Load 4 Complete	8 April 2016	As above	Xoserve
24 Jun - Bulk & BW Load Complete	24 June 2016	As above	Xoserve
30 Sep - Deltas Complete	30 September 2016	As above	Xoserve