

Project Nexus

Monthly Nexus Status Update

8th January 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.

Contents

| | |
|----|---|
| 1. | <i>PNSG Programme Report</i> |
| 2. | <i>Readiness for L3 / 4 Market Trials</i> |
| 3. | <i>RAASP Progress Update</i> |
| 4. | <i>Transition and Go-live Readiness</i> |
| 5. | <i>Change Pipeline and Release Plan</i> |
| 6. | <i>Xoserve FAQ Progress</i> |
| | <i>Appendices</i> |

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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 6th January 2016

Overall RAG: The overall programme status is **Red** as (i) the Xoserve re-forecast of RAASP timelines do not support a 1st October go-live date (now **Red**); and (ii) as reported previously, the Xoserve UAT completion milestone has been missed. We recommend (i) deferral of the RAASP **system solution** from the core delivery; and (ii) adopting the proposed milestone dates for Xoserve UAT completion and L3/L4 trial commencement to bring both elements back to **Amber**.

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

Including the RAASP system solution in the 1st October 2016 delivery will place go-live at risk

- Xoserve have materially completed the RAASP design.
- Based on their experience from Core delivery, Xoserve have re-forecast their build, test and market trial plan for RAASP. **The re-forecast identifies that 9 to 10 months is required to complete this activity in an unconstrained plan.**
- This delivers the RAASP system solution after the current market trials end date and potentially beyond the go-live date.
- Xoserve's initial view is that the earliest possible RAASP system solution delivery date is 9 to 12 months post an 1st October 2016 go-live date. This is based on a 6 month stabilisation / hyper care period following core go-live.
- Xoserve and the industry now need to agree and develop the work around arrangements required post 1st October 2016.

Xoserve UAT progress currently supports staggered L3/L4 market trials on 1st February 2016.

- Increasing Xoserve confidence in the readiness of SPA, Transfer of Ownership ('ToO') and Read functionality to commence staggered L3/L4 trials.
- RGMA functionality remains challenging, with full delivery into market trials on 1st March 2016 rated as **Amber**.
- Invoicing UAT is less progressed as it is sequenced to follow the other areas. The market trials approach similarly requires this functionality at a later point (1st April 2016 on re-plan).
- The 13th January MTWG to determine how February is best used in preparation for commencing the L3/L4 trials approach on the 1st March.
- Data load readiness for market trials remains at **Amber**. Validation and defect identification / resolution is in progress.

We ask the PNSG to approve:

- The completion of RAASP detailed design; and
- The decoupling of the RAASP system solution delivery from core functionality, with Xoserve ceasing their work on RAASP until core is delivered and stable.

We ask the PNSG to approve:

- The accompanying change request and the proposed new / moved plan milestones for Xoserve UAT completion and L3/L4 market trials.

The industry ‘plan on a page’:

- A recommended ‘Industry plan on a page’ has been included on **Page 7**. We propose the following key changes to reflect the delay in Xoserve UAT and the deferral of RAASP from core delivery:
 - Additional milestones for Xoserve UAT completion to reflect to facilitate closer monitoring during the ramp-up of L3/L4 Market Trials;
 - The RAASP system solution delivery planning line has been replaced with Unique Sites (‘US’) system solution delivery to ensure focus remains on this functionality; and
 - A data migration plan line has been added to provide increased visibility over this key risk area.
- As requested in previous PNSG meetings, we have reviewed the remaining key milestone criteria and these are included for review and comment in **Appendix 1**.

L3/L4 Market Trials readiness assessment:

- To provide transparency over Xoserve readiness for L3/L4 Market Trials, weekly reporting of UAT progress / confidence should continue.

***Action:** This should now be supplemented with progress reporting of the data load validation and defect resolution. Specifically, Xoserve should continue to determine the impact of outstanding data defects to ensure the defect resolution is*

effectively focused on the areas of highest impact.

- As of **6th January 2016**, 5 participants have submitted responses to the L3/4 MT Entry Assessment on the PwC Portal.

***Action:** We ask PNSG members to re-emphasise the need to submit L3/4 MT Entry Readiness Assessment via the PwC Nexus Assurance portal **by close of business on the 8th January 2016**.*

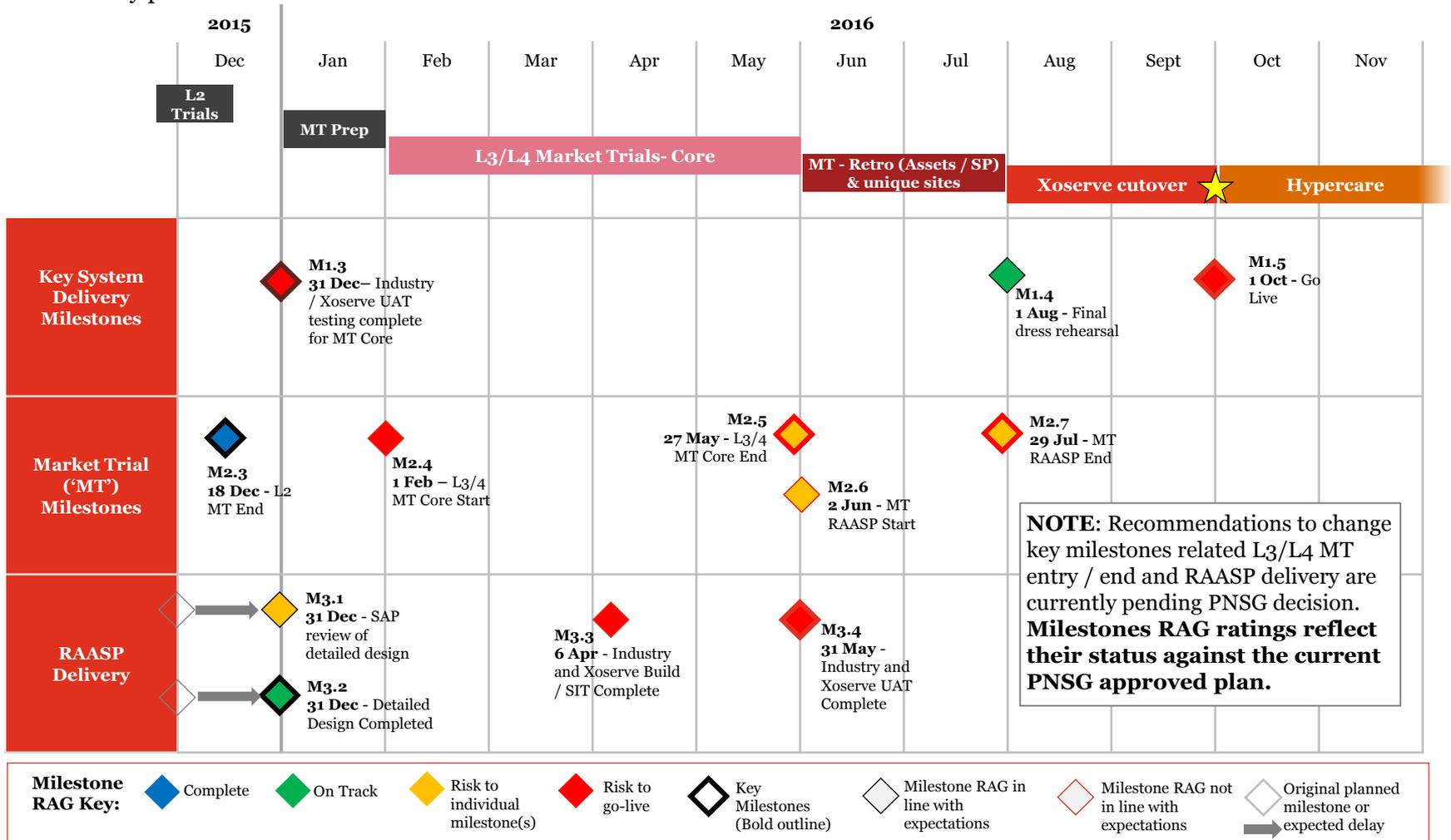
Other market assurance highlights

- Themes and recommendations are being collated from the Engagement Survey.
- Feedback suggests that programme teams are not consistently aware of the contents of this ‘Monthly Nexus Status Update’ across both regulatory and programme teams. We are considering the distribution of this pack via the PwC Portal to address this.
- One new risk, relating to baselining of file formats, has been opened since the last PNSG meeting (18th December 2015) and is now closed following resolution by Xoserve.

1.2 CURRENT Industry Plan on a Page

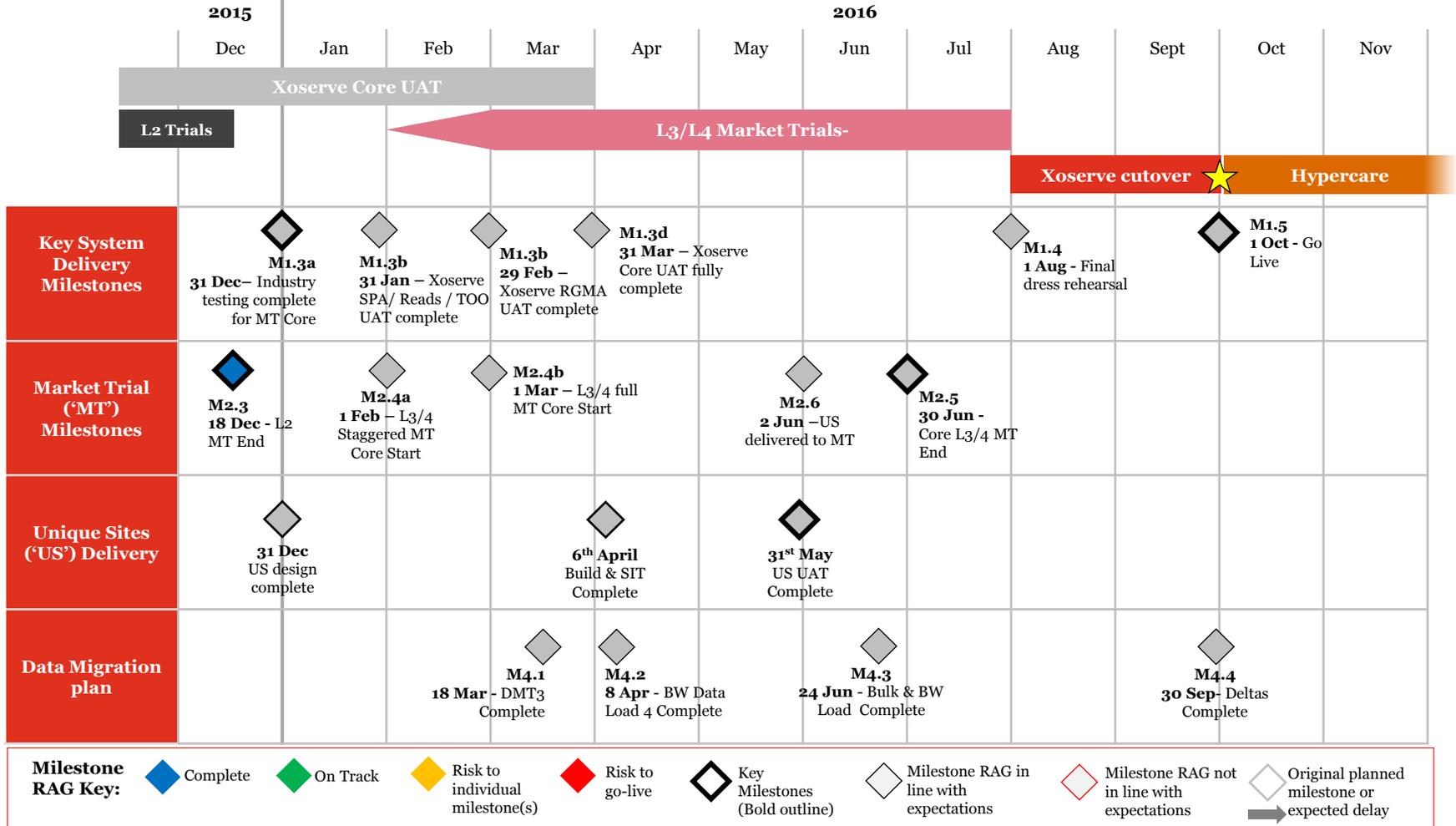
As at 6th January 2016

‘Industry plan on a page’, with a RAG status of key milestones. Please see the accompanying A3 programme plan for the full version of the industry plan.



1.2 RECOMMENDED Industry Plan on a Page

The recommended 'Industry plan on a page' to mitigate the delays to Xoserve UAT and the deferral of the Xoserve RAASP system solution.



1.3 Key Milestone Status

As at 6th January 2016

| Key Milestones | RAG | Key metrics | Additional Commentary |
|--|---|--|--|
| M1.3 31 Dec – Industry / Xoserve UAT testing complete for MT Core |  | <p>Status remains 'Red' until the proposed change to the Xoserve UAT and the L3/4 Market Trials key milestones are approved.</p> <ul style="list-style-type: none"> As highlighted previously, core UAT was due to complete on 31st December and Xoserve did not achieve this milestone. Xoserve have increasing confidence in the UAT progress of SPA, Transfer of Ownership and Read functionality required to commence staggered L3/L4 trials on 1st February 2016, as per the recommended plan option following the UAT delay. RGMA UAT remains challenging, with full delivery into market trials on 1st March 2016 rated as Amber. Invoicing UAT is less progressed as it is sequenced to follow the other areas. The market trials approach similarly requires this functionality at a later point (1st April 2016 on re-plan). Data load readiness for market trials remains at Amber. Data load validation and defect identification / resolution is in progress. This has the potential to increase the use of the dummy portfolio data in market trials and/or restrict the extent of trialling. This may require mitigation by the approach taken to market trials during February. | <ul style="list-style-type: none"> Xoserve UAT progress data on Page 13. Xoserve readiness for L3 / 4 Market Trials on Pages 11 to 15. |
| M2.4 1 Feb – L3/4 MT Core Start |  | <p>Red rating based on dependency on 'M1.3' and approval of the proposed changes to the L3/L4 market trials approach and milestones.</p> <ul style="list-style-type: none"> L3/4 MT entry assessment launched on the PwC Portal on 18th December 2015 as planned. As of 6th January 2016, 5 participants have submitted their L3/4 MT readiness self assessment. The deadline for the submission is CoB 8th January 16 to allow reporting to the formal PNSG L3/L4 readiness checkpoint meeting on 18th January 2016. | <ul style="list-style-type: none"> Xoserve readiness for L3 / 4 Market Trials on Pages 11 to 15. |

1.3 Key Milestone Status

As at 6th January 2016

| Key Milestones | RAG | Key metrics | Additional Commentary |
|--|---|--|---|
| M3.2 31 Dec -RAASP Detailed Design Completed |  | <p>RAASP design activity is complete.</p> <p>Xoserve report that:</p> <ul style="list-style-type: none"> All RAASP functional specifications for the 8 functional areas are now complete and signed off; and Industry design workshops are complete, with no material design challenges identified. | <ul style="list-style-type: none"> See Xoserve RAASP update on Page 16. |
| M3.1 31 Dec - SAP review of RAASP Detailed Design |  | <ul style="list-style-type: none"> As reported previously by Xoserve, the draft SAP report over the RAASP detailed design has been provided to Xoserve. The assessment reflects the first draft of the design documentation, which were partially complete at the time of the SAP review. Due to the time lag to the current position, the SAP observations require careful analysis to determine the residual observations that have not already been addressed by Xoserve. The assessment focused on whether standard SAP functionality had been used appropriately where possible within the solution. SAP cannot comment on the technical design of customised functionality until build is complete (i.e. the majority of the solution). | <ul style="list-style-type: none"> See Xoserve RAASP update on Page 16. |

2. Readiness for L3/L4 Market Trials

Note – Xoserve UAT progress updates contained in this section reflect UAT readiness for the revised L3/L4 MT plan and not the original 31st December 2015 UAT completion milestone. Additional information regarding the UAT status by functional area and data readiness will be provided separately by Xoserve prior to the PNSG meeting.

Xoserve Readiness for MT L3/4

1st February 2016

| Area | Status for 01/02/16 | Commentary |
|-----------------------|---------------------|---|
| Plan & Approach | G | <ul style="list-style-type: none">Approach approved at PNSG |
| Environment Readiness | G | <ul style="list-style-type: none">Penetration testing is planned and on track.Wider environment readiness activities for Pre-Prod environment e.g. Internal/External URL access for IDAM are still required to enable MTL3. |
| Data Readiness | A | <ul style="list-style-type: none">Market Trials data load encountered issues with loading of EBF (Easy Billing Framework). Resolution is underway for 14th January.61,000 MPRNs have not loaded and will be notified to the industry on 8th January. More than 50% of these were already known and are with the industry for data cleansing.125 data defects applied to the MT data load have been validated, with 23 requiring further fixes.60 new data defects identified in the MT load.42 data defects have been profiled to understand the impact on the data set and to help prioritise fixes.Validation will continue throughout January to identify additional defects. It is likely further defects will be found which may not be fixed for MT. The volume and impact of further data defects could result in the status becoming red. Close monitoring and reporting is continuing.Notification of any further fallout as a result of unresolved data defects will be available on 22nd January.Work continues to produce the dummy portfolios which will be provided w/c 11th January.Transformation rule reports have now been provided to all parties confirming the MPRNs impacted by the agreed MT Transformation rulesAn updated position on the MT data load will be issued at the PNSG meeting. |

Xoserve Readiness for MT L3/4

1st February 2016

| Area | Status for 01/02/16 | Commentary |
|---|---------------------|--|
| Pre-requisite Testing | A | <ul style="list-style-type: none">• Amber status is against readiness for MTL3/4• Increased confidence from Xoserve in the readiness for MTL3/4 for those processes required on 1st February.• Risk still exists around readiness of rejection functionality.• More granular RAG status against each process will be available for the discussion in PNSG.• SAP BW is behind schedule and reports are being prioritised for external facing reports and critical reports• CMS UAT is complete.• All unconnected Gemini testing is complete. A small number of integrated tests are outstanding and being covered under E2E testing. Testing for CR for additional API is currently in progress.• DES UAT has completed and is awaiting formal approval. |
| Fix Lifecycle (including Governance) | G | <ul style="list-style-type: none">• External defect management process is documented in the approach.• Code and configuration management process has been finalised• Support structure to be agreed and implemented. |
| Reporting | G | <ul style="list-style-type: none">• Xoserve reporting process has been agreed and approved as part of L3 Approach document• NB: PwC responsible for organisation-level assurance reporting. |

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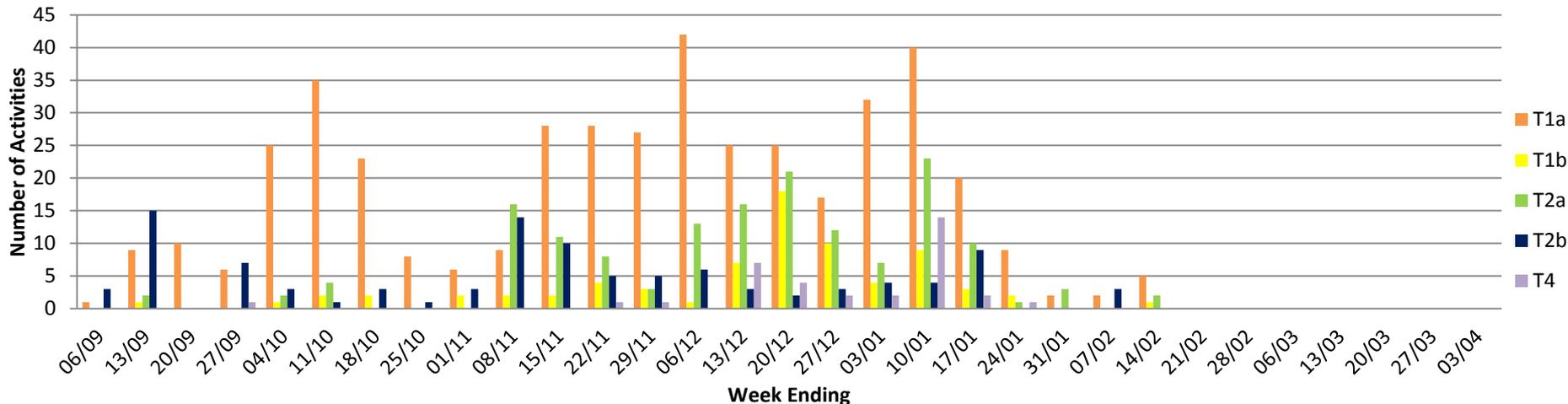
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- T1A – SPA
- T1B – RGMA
- T2A – Reads
- T2B – AQ / Correctional
- Weather Variance
- T3 – Invoicing
- T4 – Gemini & CMS

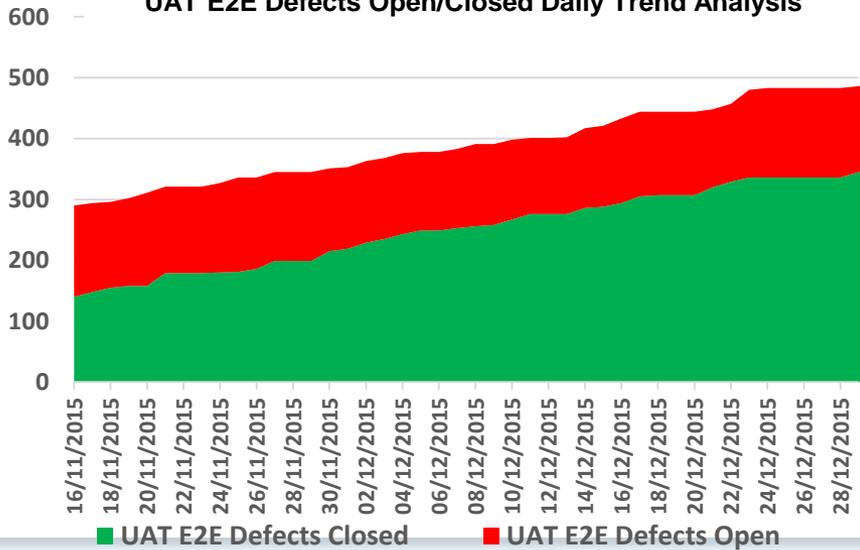
E2E UAT Progress Update

WE 03/01/2016

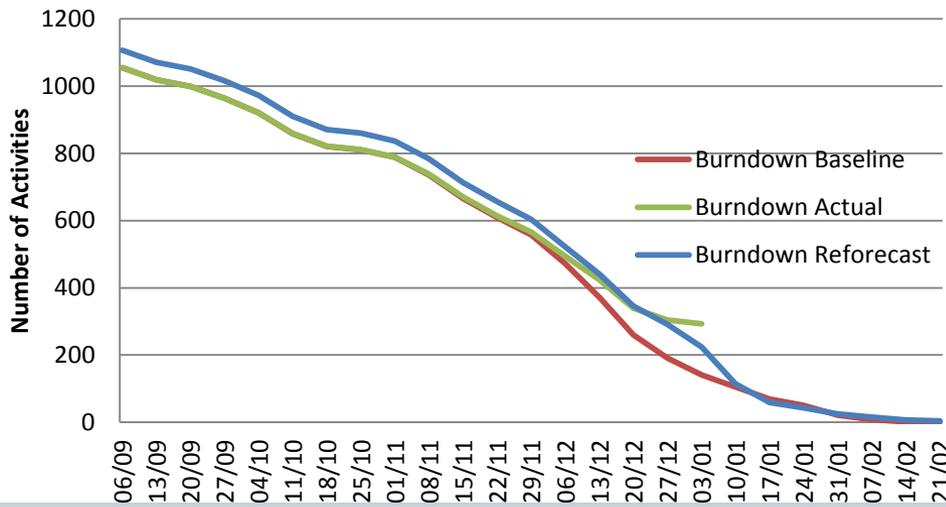
UAT Milestone Bar Chart (Pre-Invoicing)



UAT E2E Defects Open/Closed Daily Trend Analysis



UAT Burn Down Graph (Pre-Invoicing)



Data Readiness

- Status for Data for MTL3/4 Readiness is currently AMBER
- Market Trials Data Load Process (6.5 million MPRNs)
 - Market Trials Data Load encountered issues when loading EBF as reported on 18th Dec)
 - Planned resolution for these issues is 14th January as approx 180k MPRNs are impacted
 - 61k MPRNs so far have not been loaded into the target system due to data issues (50% of these are already known and with the industry for data cleansing)

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Data Readiness

- Data Validation is ongoing throughout January
 - 91 Defects exist which are deemed to require a fix for MT -
 - Note that this is a moving picture based on validation and investigation
 - Profiling of found defects is underway to understand the impact on the MT data
 - Profiling itself may impact the data defect resolution plan
 - However, profiling allows the right data defects to be targeted to ensure maximum benefit.
 - Fix team in place to resolve all prioritised defects
 - Expect further defects to be found as validation continues
 - Any incomplete MPRN data found as a result of profiling which cannot be fixed will be notified to individual parties.
 - Unknown pot of data defects not yet found through validation could result in data plan being RED.
 - Position is being monitored daily

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3. RAASP Progress Update



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RAASP Detailed Design Decision Gate

PNSG
January 2016

Introduction

- When re-planning for October 2016 implementation, several conditions relating to the RAASP element were agreed at PNSG:
 - Without completion of the functional design phase, the delivery timeline for RAASP was unknown
 - Progress on RAASP delivery would be closely monitored and reported to PNSG
 - A formal gate would be defined at the end of Detailed Design (aligned to 8th January PNSG meeting)
 - If it were deemed that RAASP is impacting the delivery of core functionality, then the Project Nexus Steering Group (PNSG) should be used as the forum to review Xoserve's recommendation re continued RAASP delivery
- To support the discussion at the RAASP Detailed Design stage gate meeting, Xoserve, along with its delivery partners has completed analysis work in order to answer the key RAASP delivery questions outlined below:
 - ***Is the RAASP design fit for purpose?***
 - ***Is the RAASP plan deliverable for October 16 without placing unacceptable risk on CORE?***
 - ***If the risk to CORE is unacceptable what is the earliest date RAASP could be delivered?***
 - ***What interim arrangements would be appropriate?***
- The findings from this analysis and associated recommendations are summarised on the subsequent slides

Programme analysis, findings & recommendations

- The table below provides an overview of the programme team's analysis, findings and recommendations

| PNSG Macro Questions | Analysis undertaken by the programme team | Headline findings & recommendations |
|---|--|---|
| <ul style="list-style-type: none"> <i>Is the RAASP design fit for purpose?</i> | <ul style="list-style-type: none"> End of Detailed Design Assessment Solution Assurance assessment utilising the SAP report | <ul style="list-style-type: none"> 8 functional specifications complete and signed off Industry approval of revisions to RAASP FFs expected on 18th Jan Batch & exceptions design is outstanding and questions remain concerning volume projections Observations raised within the SAP interim report have been analysed and responded to One unresolved comment on the design remains related to not using the standard exception management tool. This is being investigated further SAP has also assured that the Wipro RAASP team is a high performing one Full SAP assessment of the customisation cannot be undertaken until build is complete |
| <ul style="list-style-type: none"> <i>Is the RAASP plan deliverable for October 16 without placing unacceptable risk on CORE?</i> | <ul style="list-style-type: none"> Re-evaluation of the RAASP delivery plan Joint risk assessment conducted to determine plan risk profile and impacts to CORE | <ul style="list-style-type: none"> Unconstrained "green" RAASP delivery plan requires 9-10 months to completion of MT Risk profile for October 16 RAASP delivery is unacceptably high driven by challenging timelines with no plan contingency and technical conflicts with CORE RAASP places additional pressure on an already constrained CORE delivery plan Recommendation that RAASP is deferred from October 2016 delivery |
| <ul style="list-style-type: none"> <i>If the risk to CORE is unacceptable what is the earliest date RAASP could be delivered?</i> | <ul style="list-style-type: none"> Internal delivery focused assessment of 'earliest possible implementation' | <ul style="list-style-type: none"> An unconstrained planning view suggests a 9-10 month delivery prior to cutover. Fuller assessment required factoring broader considerations (e.g. post go-live stability, new changes, CRs, revised MT dates) A revised date likely to align with probable R2 timelines ~ 9→12 months after go-live |
| <ul style="list-style-type: none"> <i>What interim arrangements would be appropriate?</i> | <ul style="list-style-type: none"> High level interim solution proposal formulated with the technical, business process and industry governance factors considered | <ul style="list-style-type: none"> Interim solution to be delivered via CMS consumption adjustments facility Replicates functionality available today i.e. financial adjustments only Mod 434 only partially satisfied |

Is the RAASP design fit for purpose?

The RAASP design phase has now concluded enabling the efficacy of the final design solution to be assessed

Functional Assessment – does the design satisfy the business requirements?

- ✓ All RAASP functional specifications are now complete and signed off
- ✓ Industry design workshops complete with no material design challenges
- ✓ Interface file format changes discussed with industry and awaiting UKLC approval on 18th January

Technical Assessment – is the design technically sound?

- ✓ Design assurance report completed by SAP in November against a partially complete design
- ✓ The assessment focused on whether standard SAP functionality had been used appropriately where possible within the solution
- ✓ Observations and recommendations from the report have been assessed in detail by the RAASP delivery team and where appropriate incorporated into the design
- Further investigation is needed to explore an observation regarding the use of SAP standard exception management functionality
- The SAP review is limited due to the high level of customisation required to meet the RAASP requirements. SAP cannot comment on the customisation until completion of the build phase
- SAP recommend CORE is stabilised before RAASP is built due to the complexity of the common objects

Is the RAASP plan deliverable for October 2016 without impacting Core delivery?

Analysis undertaken

- Following the conclusion of Design activities the delivery plan has been revised by the RAASP team
- The revised plan has undergone an assessment to evaluate the risk profile within the standalone RAASP plan and the risk level it places upon the CORE delivery

Headline Findings:

- A “green” RAASP delivery plan with no constraints requires 9-10 months duration
- The risk profile within the RAASP plan to meet 1st June MT is unacceptably high driven by significant phase parallelism
- RAASP delivery places significant pressure on an already constrained CORE plan as RAASP will continue to pull on the shared SME and functional consultant resource pool during a critical period for CORE
- RAASP delivery adds further technical complexity to the overall delivery plan in the areas of code and environment management and regression test

Recommendation:

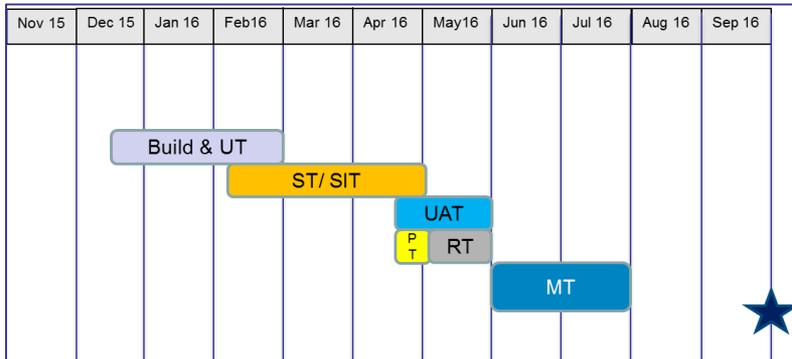
- RAASP delivery should be deferred from October 2016 scope and appropriately re-planned

Benefits realised by acting now:

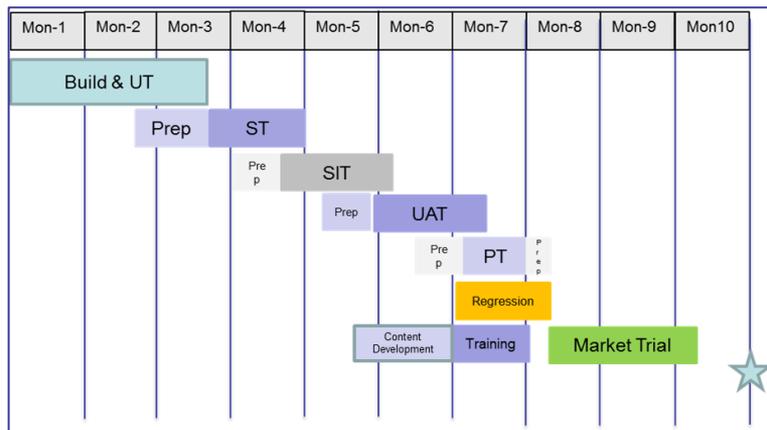
- Maximises benefits to CORE by enabling functional and SME resource to be dedicated to CORE activities
- Gives options to extend the MT phase for CORE to end of July if required
- Regret effort minimised (design can be ‘shelved’ and build ‘unpick’ effort limited as build to date has focussed on new objects)

RAASP 1st October 2016 Plan: Risk Assessment

Constrained plan for 1st June MT



Green plan for RAASP delivery



Green plan devised using RICEFW supporting metrics and experience from CORE testing phases.

| Area | RAG | Supporting commentary |
|---------------------------|-----|---|
| Design | G | <ul style="list-style-type: none"> Design completed on time with some residual investigations outstanding following the SAP report |
| Build & UT | A | <ul style="list-style-type: none"> New RAASP objects are highly complex Additional 6 weeks anticipated for Build activities ~50% of RAASP objects are common with CORE adding code management complexity Build presently focused on new objects so current unpick effort is low |
| ST/SIT | R | <ul style="list-style-type: none"> Timeline very constrained (based on experience from CORE) Overlap with CORE MT phase causes a risk of technical and resource conflicts EQ1 environment also utilised for DMTC3 meaning testing outages possible |
| UAT | R | <ul style="list-style-type: none"> Timeline very constrained (based on experience from CORE) Significant parallelism with regression & PT phase Test scope requires business validation and may expand Significant risk that SME FTE requirements will exceed allocation requiring a prioritisation vs. CORE |
| PT | R | <ul style="list-style-type: none"> Timeline very constrained (based on experience from CORE) Risk of unstable code as UAT not completed in advance of PT Test data requirements complex with potential to cause delay |
| Regression | R | <ul style="list-style-type: none"> Regression phase and UAT completely in parallel Regression scope (50 test cases) is very challenging within ~ 4 week period Environment also in use for training – careful data management required |
| MT | A | <ul style="list-style-type: none"> CORE & RAASP MT overlap adding complexity to the support arrangements and potentially prioritisation conflicts High levels of SME support needed as RAASP is a new business process RAASP MT approach largely undefined at present. |
| Plan gaps | A | <ul style="list-style-type: none"> No business change activity within the plan – assumed to be complex and require significant SME input |
| Potential impacts on CORE | R | <ul style="list-style-type: none"> Post go-live support for CORE will be significantly more complex if RAASP updates are allowable before the CORE solution has stabilised Extensive parallelism present within CORE plan – significant risk of resource and technical conflicts with RAASP A number of CORE activities currently reported at risk (data validation & profiling, UAT, MT readiness) and require max. input from SME and functional resource to maintain CP RAASP delivery adds further risk to downstream CORE activities: UAT close out, MT support, Transition Planning |
| Additional factors | | <ul style="list-style-type: none"> Regret effort is currently v low as design can be shelved. c.50 days effort to unpick code at the end of build. Constrained plan for 1st June MT also includes Unique Sites) |

Earliest feasible revised delivery date

- In order to further support the PNSG debate concerning RAASP delivery viability Xoserve has undertaken analysis to consider an earliest possible revised RAASP implementation date
- The high level analysis undertaken by Xoserve has considered the following macro factors:
 - A “green” RAASP delivery plan with no constraints requires a 9-10 month duration
 - Stability following core implementation : a change hiatus is needed in order to allow the CORE solution to stabilise. This period is anticipated to be up to 6 months but may extend if significant stability issues are encountered
 - Other delivery scope required in this period: additional scope (UKLP CRs, new Mods) may need to be included in a release with RAASP and so delivery timelines would need to be scaled accordingly
- Given the considerations listed above an earliest feasible revised RAASP delivery date is forecast to be no sooner than 9-12months after the CORE go-live
- Further detailed delivery planning is needed in order to refine this forecast. The planning process would require engagement from PNSG in order to enable industry delivery considerations to be factored into the analysis

Interim arrangements & considerations

- Retrospective adjustments for reads is part of the CORE solution and will be delivered in October 16
- Prospective asset updates will continue
- Read validation on receipt of file will be performed with agreed tolerances
- AQ changes subject to tolerance for transitional period

Additional interim arrangements:

- RAASP updates could be submitted via the **Contact Management Service (CMS)** using the consumption adjustment facility
 - All types of adjustment (late meter attach, correction factor update etc.)
 - **All validation / processing will be done offline by Xoserve**
 - **Volumes need to be controlled and criteria agreed. Possible approaches:**
 - Only allow adjustments in excess of threshold
 - % of each participants portfolio
 - Only allowable for Large Supply Points (LSP) sites (as per current consumption adjustment facility)
- As required, the Project Nexus Workgroup PNUNC should be utilised for further discussion of the interim solution proposal

4. 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

- 2nd Transition Progress Group held 21st December.
- Main item covered was the Low Level Design (LLD) for Transition and Cutover.
 - Xoserve proposed to share this in phases to balance market participant's request for visibility of this detail before the published milestone of end Q1, 2016; and availability of content.
 - Phasing agreed within the meeting and now published on www.xoserve.com.
- First LLD was Supply Point Transfers (Change of Supplier).
 - Format was well-received.
 - No “show-stoppers” identified through discussions.
- All actions updated in the TPG Action Log.
- Updates made to Transition Progress Document.
- RAID Log developed and populated.
- Next meeting 11th January; face-to-face meetings until (at least) the LLDs are shared.

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5. Change Pipeline and Release Plan

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 |

6. Xoserve FAQ Progress

UKLP Q&A Process M.I.

| Query status by stakeholder type | | | | | | |
|----------------------------------|------|---------|---------|------------------------------|------------------------------|------------|
| | DMSP | Network | Shipper | Grand Total as at 04/01/2016 | Grand Total as at 04/12/2015 | Difference |
| Closed | 21 | 111 | 1825 | 1957 | 1898 | +59 |
| Open | 2 | 1 | 80 | 83 | 107 | -24 |
| Grand Total | 23 | 112 | 1905 | 2040 | 2005 | 35 |

| All Open Queries Age Analysis | | | | | | |
|-------------------------------|-------------------------|-----|-------------------------|-----|------------|-----|
| | Figure as at 04/12/2015 | | Figure as at 04/01/2016 | | Difference | |
| | <= 10 days | 21 | 20% | 5 | 6% | -16 |
| 11 - 20 days | 23 | 21% | 21 | 25% | -2 | +4% |
| 21 - 30 days | 2 | 2% | 7 | 8% | +5 | +6% |
| 31 - 40 days | 6 | 6% | 12 | 14% | +6 | +8% |
| > 40 days | 55 | 51% | 38 | 46% | -17 | -5% |

Key Messages:

- 96% of all queries raised are now closed.
- 46% of questions over 40 days remain since the last meeting, with an outstanding figure of 38.

| All Closed Queries Age Analysis | | | | | | |
|---------------------------------|-------------------------|-----|-------------------------|-----|------------|-----|
| | Figure as at 04/12/2015 | | Figure as at 04/01/2016 | | Difference | |
| | <= 10 days | 416 | 22% | 427 | 22% | +11 |
| 11 - 20 days | 543 | 29% | 559 | 29% | +16 | 0% |
| 21 - 30 days | 345 | 18% | 347 | 18% | +2 | 0% |
| 31 - 40 days | 171 | 9% | 176 | 9% | +5 | 0% |
| > 40 days | 423 | 22% | 448 | 23% | +25 | +1% |



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UKLP Q&A Process M.I.

| All Open Query Topic by Status | | | |
|--------------------------------|----------|----------|------------|
| Topic Area | 04/12/15 | 04/01/16 | Difference |
| AQ | 3 | 3 | 0 |
| BRD | 0 | 0 | 0 |
| Check Reads | 0 | 0 | 0 |
| CMS | 0 | 0 | 0 |
| Faulty Meters | 0 | 0 | 0 |
| File Formats | 46 | 33 | -13 |
| Gemini | 0 | 1 | +1 |
| iGT | 12 | 5 | -7 |
| Invoices | 12 | 8 | -4 |
| Market Trials | 4 | 1 | -3 |
| Other | 5 | 3 | -2 |
| Reads and Settlement | 6 | 11 | +5 |
| Reconciliation | 1 | 2 | +1 |
| Reporting | 0 | 1 | +1 |
| RAASP | 3 | 1 | -2 |
| SPA & RGMA | 13 | 9 | -4 |
| Transition | 2 | 2 | 0 |
| Unique Sites | 0 | 3 | +3 |

| All Closed Query Topic by Status | | | |
|----------------------------------|----------|----------|------------|
| Topic Area | 04/12/15 | 04/01/16 | Difference |
| AQ | 281 | 283 | +2 |
| BRD | 22 | 22 | 0 |
| Check Reads | 18 | 18 | 0 |
| CMS | 8 | 8 | 0 |
| Faulty Meters | 28 | 28 | 0 |
| File Formats | 311 | 335 | +24 |
| Gemini | 26 | 26 | 0 |
| iGT | 182 | 190 | +8 |
| Invoices | 83 | 88 | +5 |
| Market Trials | 21 | 24 | +3 |
| Other | 256 | 260 | +4 |
| Reads and Settlement | 247 | 250 | +3 |
| Reconciliation | 20 | 21 | +1 |
| Reporting | 0 | 1 | +1 |
| RAASP | 89 | 91 | +2 |
| SPA & RGMA | 293 | 303 | +10 |
| Transition | 6 | 7 | +1 |
| Unique Sites | 2 | 2 | 0 |

Key Message:

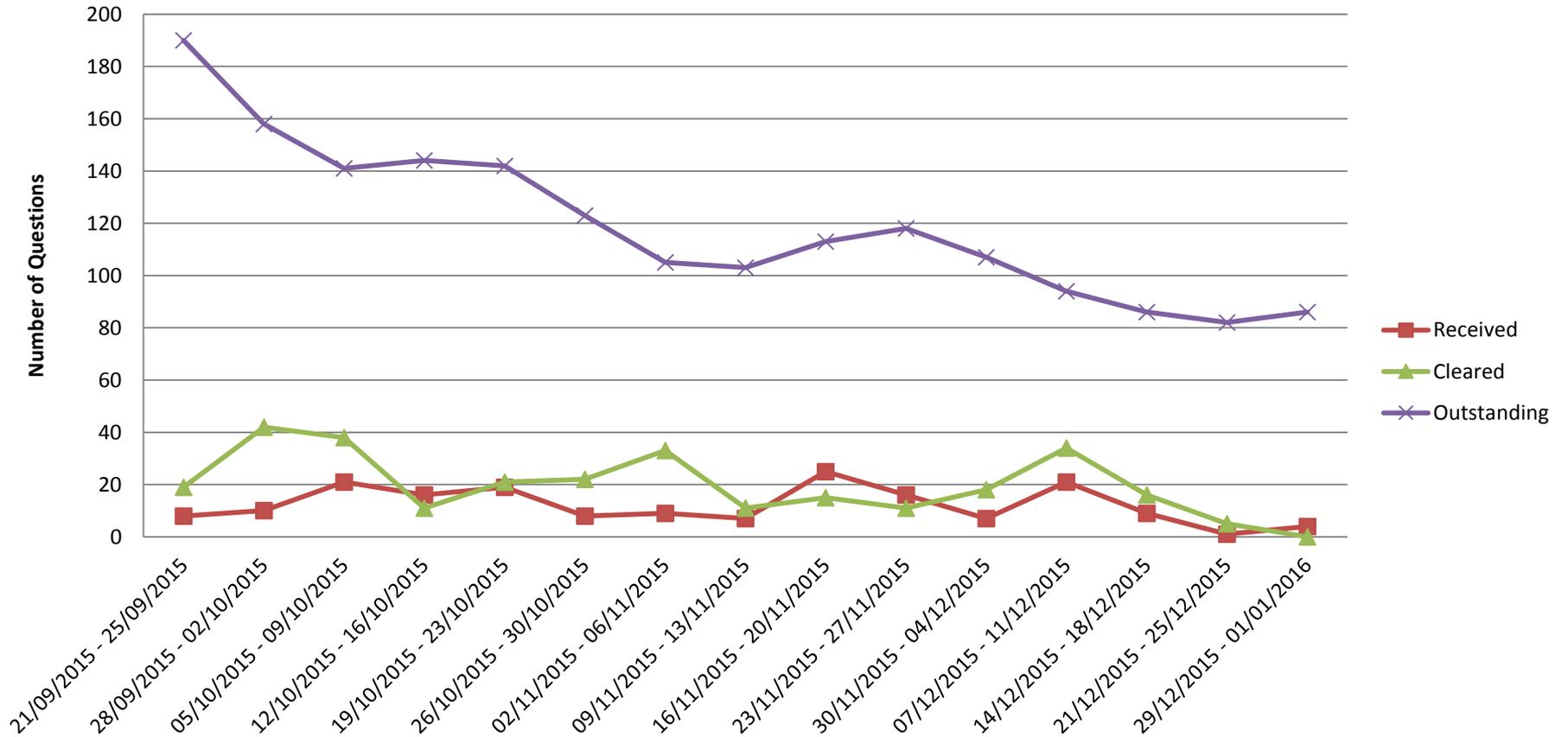
- File Formats still remains as our main focus area with just over 30 questions still outstanding. Since the last meeting Xoserve has received 8 new questions in this area and closed 24 .

xoserve



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Weekly Volumetric Figures



Appendices

A1. Proposed Underlying Metrics for Industry Plan Key Milestones

- The PNSG requested PwC 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 <i>Measurement at 18 January 2016 PNSG</i> | 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 |

A1. 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 <i>Measurement at 18 January 2016 PNSG</i> | <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 |
| M2.4b- 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 |
| M3.4- Industry and Xoserve UAT Complete | 29 July 2016 | <ul style="list-style-type: none"> • MT L3/4 Entry Criteria | Criteria as tracked on the PwC Assurance Portal |
| RAASP/ US Delivery | | | |
| M3.1 - SAP review of detailed design | 31 December 2015 | <ul style="list-style-type: none"> • SAP report complete and agreed • The residual impact on the Xoserve plan is quantified | Xoserve |
| M3.2 - 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 - Industry and Xoserve 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 RAASP / US Entry Criteria</p> | Xoserve Criteria as tracked on the PwC Assurance Portal |
| M3.4 - Industry and Xoserve 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 RAASP / US Entry Criteria</p> | Xoserve Criteria as tracked on the PwC Assurance Portal |

A1. 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 | Xoserve |
| 8 Apr - BW Data Load 4 Complete | 8 April 2016 | TBC - to be agreed with Xoserve | Xoserve |
| 24 Jun - Bulk & BW Load Complete | 24 June 2016 | TBC - to be agreed with Xoserve | Xoserve |
| 30 Sep - Deltas Complete | 30 September 2016 | TBC - to be agreed with Xoserve | Xoserve |