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Unique Sites Plan: **Risk Assessment**

Exec summary

- The US plan is presently on track
- The US plan contains a high risk profile which is primarily driven by the following factors:
 - Object overlaps with core (30 objects) leading to regression impacts and code management complexities in Xoserve testing and MT
 - There is very limited plan contingency (UAT and MT is already overlapping within the plan)
 - Shared resources across US and Core delivery could lead to resource conflicts
- The impact of US on Core delivery could be significant but difficult to forecast as it is greatly dependent on the level of defects encountered on common objects within UAT and MT
- In the event of MT defect resolution on common objects, it is assumed core MT will take priority over Unique Sites development
- The US standalone plan is deliverable but contains a number of risks which, if they materialise, may make the US plan undeliverable.

Context

- Unique Sites design concluded at the end of January and the delivery plan baselined
- Unique Sites industry design walkthrough is scheduled for 23rd February
- Key milestone dates from the plan were shared with PNSG on 8th February along with a high level summary of the risk areas within it
- This prompted requests for more information about the risk profile and overall plan feasibility
- The pack addresses the following key questions:
 - ***What is the status of the Unique Sites delivery plan?***
 - ***What is the risk profile within the Unique Sites plan?***
 - ***If US SAP delivery were to be deferred are there alternative solution options?***

What is the status of the US delivery plan?

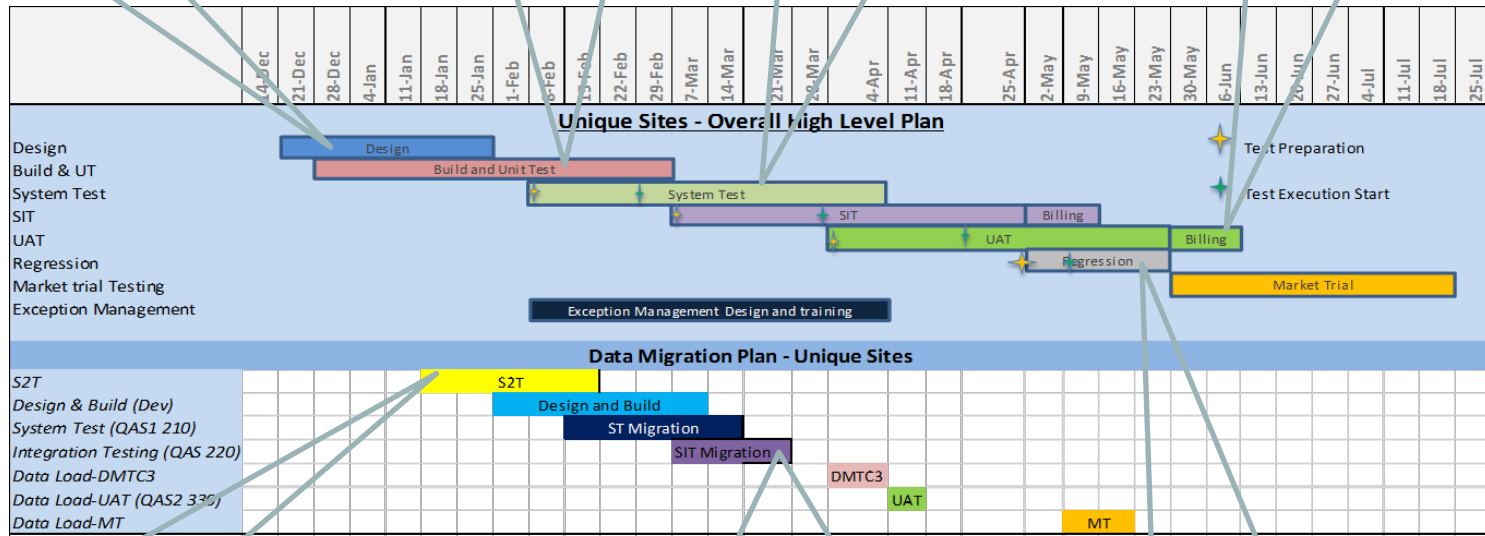
- The latest US plan is shown below along with supporting commentary

- Detailed design is complete
- Industry design walkthrough pending (scheduled for 23/2)

- Build progressing to plan
- Status reported as amber due to risk of object conflicts (UAT & MT defects)
- 'Flag based' approach employed to reduce code management complexity

- Test scoping to date based on H/L design – validation / SR mapping in progress and accordingly scope may expand
- ST to be conducted on manually created data removing migration dependency

- UAT overlapping with MT to accommodate the full invoicing cycle
- Concurrent testing will need careful coordination to align billing activity
- Any slippage to test timelines may make the current MT window unviable



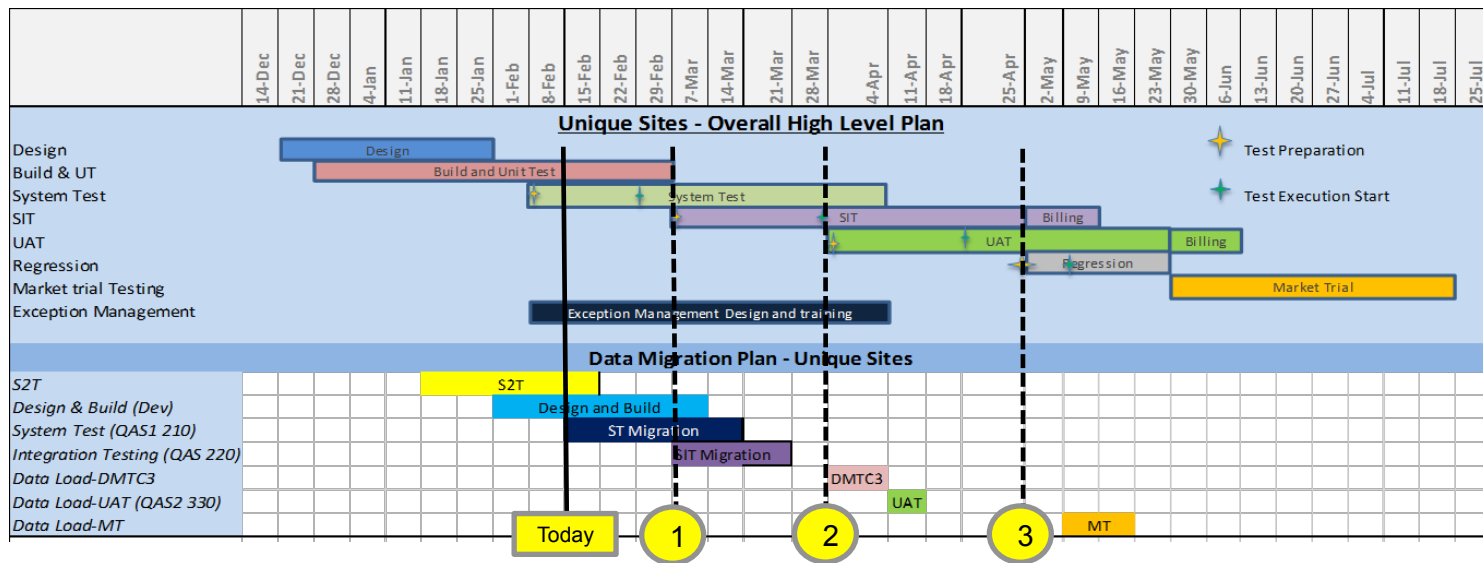
- S2T in progress (currently reported as amber)
- US prioritised over LPG data activities
- Complexity driven by sites which have moved between US & UK Link

- US data has not been included in previous DMTC phases
- Any slippage within SIT migration will directly impact test timelines
- It's essential that migrated data is utilised within the SIT phase

- The regression test timeline is challenging given the no. of common objects impacted
- An appropriate level of regression test will also need to be accommodated within the MT phase

Proposed US Delivery Checkpoints

- A series of key checkpoints are required to assess US progress (and impacts on Core delivery). The proposed checkpoint dates are outlined below along with the activities that are planned to be completed in advance of each
- The viability of continuing US delivery should be re-evaluated and determined based on achievement of key activities, identification of any new delivery challenges and the overall 'health' of the Core plan



Check point	Date	POAP milestone	Key delivery activities complete by this juncture
	4 th March	Yes	<ul style="list-style-type: none"> BUT complete S2T complete – legacy data complexity understood Test prep complete Design validation by industry complete following design walkthrough Viability of sustaining legacy DB assessed at a high level
	4 th April	No	<ul style="list-style-type: none"> SIT migration concluded to enable SIT testing to commence 1 month of full MT participation elapsed and therefore MT defect rates better understood Viability of sustaining legacy DB fully validated
	29 th April	Yes	<ul style="list-style-type: none"> DMTC3 & UAT data cycles complete UAT execution commenced

Unique Sites Contingency

- A high level assessment of continuing legacy arrangements has commenced
- This analysis is focussing on whether Xoserve's current offline US database and existing processes could be sustained post October 2016
- The initial assessment indicates that this may be possible but further investigation by Xoserve and its partners is needed in order to more fully validate viability
- The further analysis should include:
 - Confirmation that the legacy offline database can be sustained from a technical support perspective
 - Engagement with industry stakeholders to determine whether all impacted parties could continue to utilise the existing Unique Sites interface mechanisms
 - Assessment of the functional changes needed to enable integration between SAP and the US database (even if manually) to support processes including ad hoc billing, RBD and UG smear
 - Understanding the impact to connected systems (e.g. Data Enquiry, Reporting, CMS)
 - Impact on UK Link resources to deliver any resulting changes
 - Understanding whether MT is required to continue legacy arrangements
- Sustaining the legacy solution would also need to be agreed via Industry governance.

Summary

- Proceed with current Unique Sites delivery plan with close monitoring of the risk profile
 - Implement delivery checkpoints into the plan (slide 6)
 - Confirmation from industry that existing Unique Sites interfaces and processes would be acceptable as a contingency
 - Undertake a fuller assessment of the viability of sustaining the current offline service for Unique Sites (reduced to 70 sites)

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RGMA Status Update

Executive Summary

Context

- UK Link RGMA functionality was scheduled to be delivered to industry in time for the commencement of Market Trials Phase 3 (1st March 2016)
- It has consistently been highlighted as an area of risk for Xoserve and recently communicated to PNSG as unlikely to be delivered for this date
- This paper looks to provide further insight into the issues encountered, delivery plans and potential impacts to Market Trials

Status

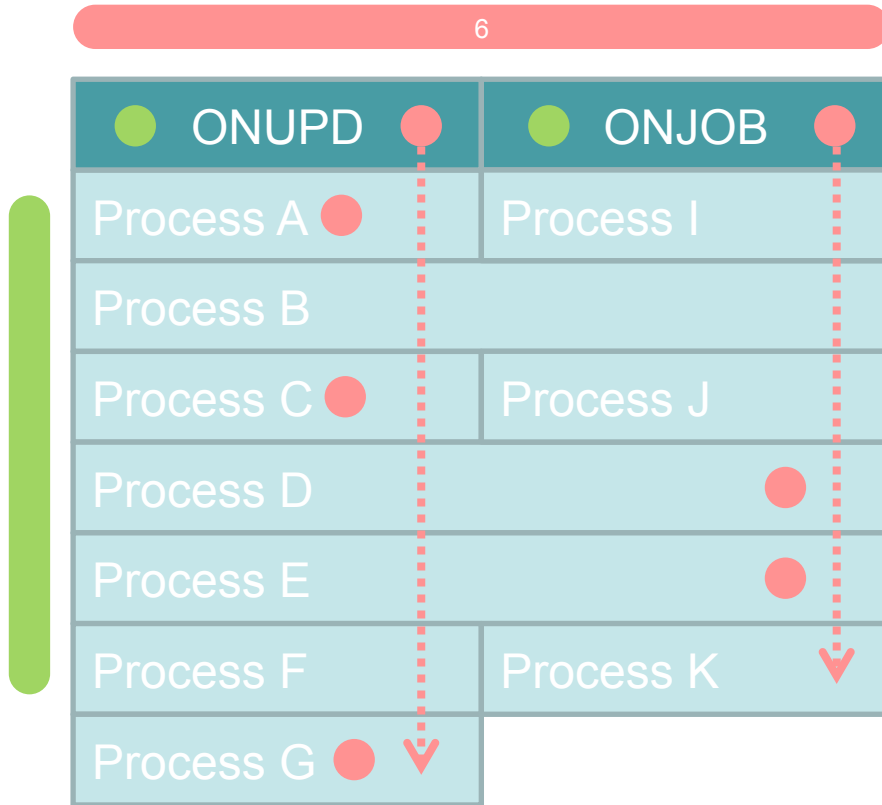
- RGMA design and development was completed in line with other core functional elements of UKL design;
- The testing of this development through SIT and UAT has progressed in line with industry communicated updates
- Currently, 70% of RGMA related E2E milestones have been completed, with all other Target UAT tests and SIT tests for known RGMA functionality also completed
- Rejection and validation testing has highlighted a number of design and requirement queries that are currently being impact assessed.
 - This represents a relatively small proportion of the overall number of RGMA validation rules
- A number of defects are outstanding which are preventing a clean entry to Market Trials, these either affect:
 - All processes that utilise a certain interface file, or;
 - A specific process;
- The impact of these defects on Market trials must therefore be considered on a case by case basis

Decision Required

- MTWG considering options to commence RGMA MT
 - Commence RGMA MT on 1st March with available functionality and agreed exclusion list
 - Wait for more/all RGMA functionality to be available before starting Market Trials
- Xoserve can support both options where some participants opt to start on 1st March with available functionality and allow others to wait until more functionality is available



RGMA health: logical view



- - Confidence in core file processing for “happy path processes”; although some defects exist on ONUPD and ONJOB files
- - Issues encountered for negative/rejection processing
- - Confidence in general key processes (Meter/ Corrector install/exchange/removal)
- - Defects associated with certain scenarios; in generally performing processes e.g. MEX for DE MPRs
- - Some processes are largely not functioning; e.g C&D updates – file notification for shipperless sites
- - Splitting and routing is not working as required and impacting all RGMA files

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ERR/FRJ: Status Briefing

15/02/16

Context & Problem Statement

August 2015 – Design differences in the handling of ERR/FRJ between the new SAP system and legacy were discussed at UK Link Committee and the new design rejected due to the close proximity to Market Trials. A change request was raised to revert to the legacy design and a workaround applied for MTL2.

December 2015 – Changes released for testing and mapping issues and broader file-level issues identified.

1. Rejection scenario is mapped to the wrong rejection code
2. Rejection scenario is creating an FRJ rather than ERR in specific circumstances
(error in file header/trailer, error in transaction type & error in single record contained in a file)
3. Market flow can identify multiple errors, when only one is expected
4. Legacy identifies 'text field issue' or 'numeric field issue', but Marketflow only identifies a generic 'field issue'
5. A range of smaller defects

Issues 2 & 4 are a fundamental change to Marketflow and therefore are unlikely to be delivered

This has been highlighted at the MTWG and will be raised at UK Link Committee for discussion.