Project Nexus

Project Nexus Steering Group

3 August 2015 - updated pack following Steering Group feedback

pwc

Contents

1. Update on requirements and actions from 13 July 15 PNSG

1.1   Action 705: RAASP / US requirements risk assessment

INFORMATION

Requirement	PwC, Xoserve and partners to co-ordinate in conducting a desktop risk assessment checkpoint of the high level requirements in the Business Requirements Documents ('BRDs') for RAASP and US.

Update	The desktop RAASP / US requirements risk assessment has been completed and the key findings will be presented by Baringa during 3 August 2015 PNSG.

1.2   Requirement: Market trials planning update

INFORMATION

Requirement	Update on Market trials planning

Update

- Market Trials Working Group Representatives identified as:

MTWG Representatives		
Challenger	Simon Bevis Derek Clark	Utilita CNG
iGT	Katy Binch Jenny Rawlinson	ESP Brookfield
I&C	Lisa Cutbill Gareth Evans	Dong ICoSS
Big 6	Blanka Caen Jon Devine	BG Npower
Xoserve	Jo Galloway Darren Jackson	Xoserve Xoserve
GT	TBC	TBC

- First MTWG held 29 July 2015 – Plan and ToR to be made available once agreed by MTWG.

1.3   Action 0704: Impact Assessment for decoupling RAASP and US

INFORMATION AND ACTION

Requirement	PwC to start on impact assessments (including potential mitigation) for decoupling (from Core) RAASP and US, should this later be required.

Update	Draft impact assessment for decoupling RAASP and US planned to be shared prior to 18 August PNSG.

Approach –

- Clarify the benefits associated to RAASP & US;
- Identify the key risks associated with the delivery of RAASP/US functionality and;
- Determine the feasible options for RAASP/US delivery.

Key Findings to date –

- RAASP and US are discrete areas of functionality delivering different benefits and presenting different challenges to delivery of Nexus;
- US delivers marginal benefit in reduction of manual processing and further analysis is required to accurately quantify the benefits associated with RAASP;
- Three options are being assessed with the preferred option remaining a single release. Further work is required to determine if the other two options are feasible and could support the market if required.

2. PNSG Reporting Framework

Please note: *The information contained within the reporting framework is intended to be supported by verbal update during the PNSG and therefore should be considered in this context when being read in isolation.*
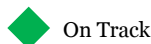
Overall RAG

🟠 ⬌

The overall status is amber due to the open issue related to uncertainty over RAASP and US delivery (Issue #1) and current risk related to open questions around Market Trials scope and approach (Risk #1) The initial requirements risk assessment for RAASP/US has been completed and Baringa will present the key findings during 3 Aug PNSG.

Current Milestones	RAG	Key metrics	Additional Commentary
3 Aug - Initial Requirements Risk Assessment	🔷 ⬌	• Initial RAASP/US requirements risk assessment– **Complete**	• See update on page 4
10 Aug - Reconvene MTWG + wider communication	🟢 ⬌	• MTWG reps identified and dates scheduled – **Complete** • MTWG meetings commenced – **Complete** • MT wider weekly progress calls established – expected to commence 04 Aug 15	• See update on page 5 • First MTWG held 29 July 15.
1 Sept - L2 MT Approach Approved	🟡 ⬌	• L2 MT Approach proposed • L2 MT Approach agreed by MTWG	• First MTWG held and action plan created • Timelines remain tight to achieve objectives.
1 Oct – Industry / Xoserve testing complete for L2 MT	🟡 ⬌	**Industry testing for L2 -** to be re-assessed as part of L2 MT Entry Readiness Assessment. **Xoserve File Format testing:** • As of 29 July, 114 successfully completed tests vs.141 planned to date (202 total planned). • Currently 2 open critical defects.	Scheduled to commence mid-August. Xoserve to provide a separate presentation during PSNG to provide context of testing progress.

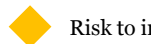|	
Key achievements in prior period	• MTWG reps identified and first MTWG held. See page 5 • Initial requirements risk assessment undertaken by Baringa / PwC. See page 4 • RAASP / US decoupling impact assessment drafted. See page 6
Key activities in next period	• MTWG to review and finalise draft of L2 Market Trials approach • MT wider weekly progress calls to be established • PwC to update assurance hub with L2 MT Entry Criteria • Review governance structure and model going forwards
SG Decisions / Actions required	• ACTION - Review RAASP / US feasibility assessment

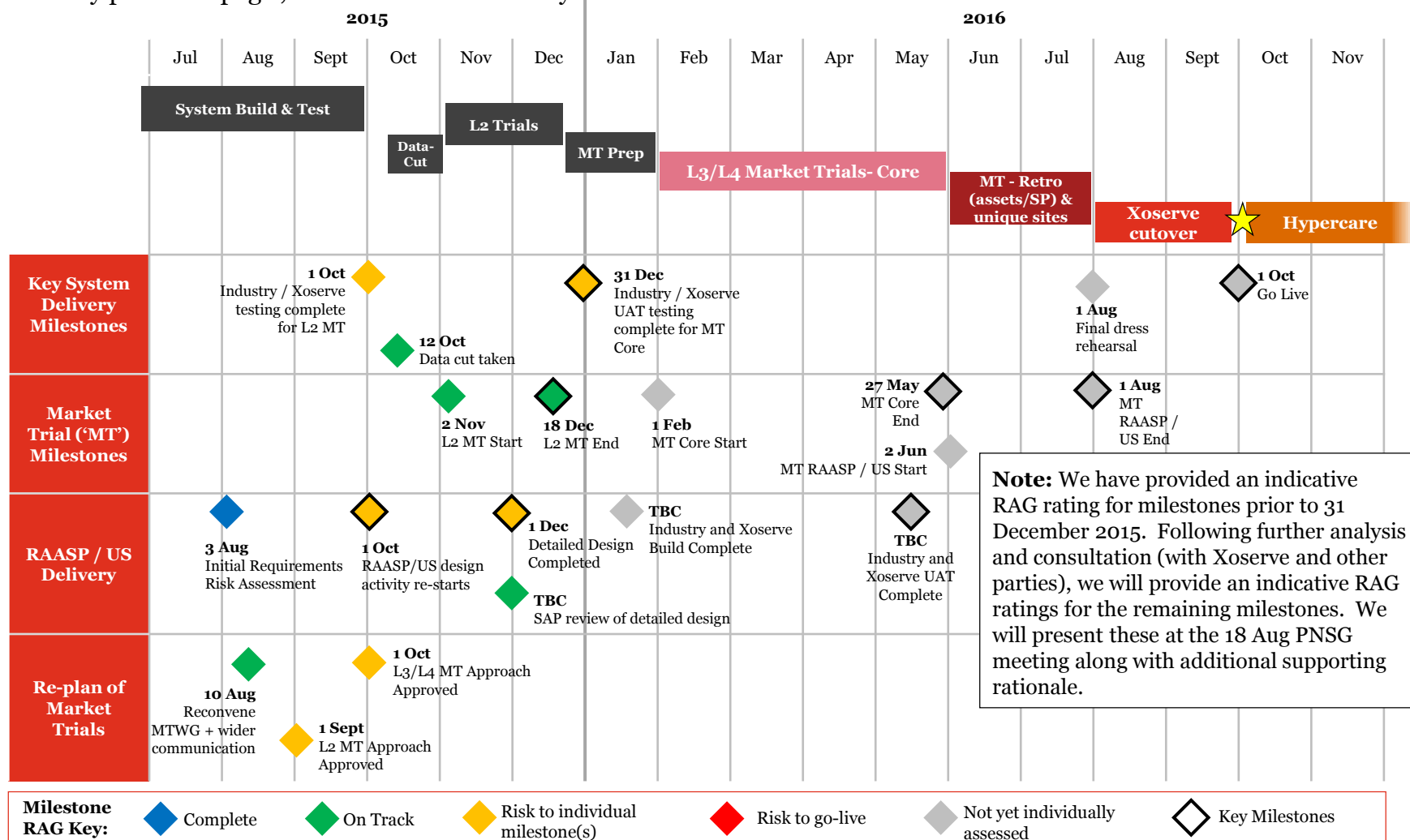**Milestone RAG Key**　🔷 Complete　🟢 On Track　🟡 Risk to individual milestone(s)　🔴 Risk to go-live　◇ Not yet assessed

2.2   Industry Plan on a Page – Milestone Status at a Glance

'Industry plan on a page', with a RAG status of key milestones

2015

| Jul | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov |

2016

System Build & Test

Data-Cut

L2 Trials

MT Prep

L3/L4 Market Trials- Core

MT - Retro (assets/SP) & unique sites

Xoserve cutover

Hypercare

Key System Delivery Milestones

1 Oct Industry / Xoserve testing complete for L2 MT

12 Oct Data cut taken

31 Dec Industry / Xoserve UAT testing complete for MT Core

1 Aug Final dress rehearsal

1 Oct Go Live

Market Trial ('MT') Milestones

2 Nov L2 MT Start

18 Dec L2 MT End

1 Feb MT Core Start

27 May MT Core End

2 Jun MT RAASP / US Start

1 Aug MT RAASP / US End

RAASP / US Delivery

3 Aug Initial Requirements Risk Assessment

1 Oct RAASP/US design activity re-starts

1 Dec Detailed Design Completed

TBC SAP review of detailed design

TBC Industry and Xoserve Build Complete

TBC Industry and Xoserve UAT Complete

Re-plan of Market Trials

10 Aug Reconvene MTWG + wider communication

1 Sept L2 MT Approach Approved

1 Oct L3/L4 MT Approach Approved

Note: We have provided an indicative RAG rating for milestones prior to 31 December 2015. Following further analysis and consultation (with Xoserve and other parties), we will provide an indicative RAG ratings for the remaining milestones. We will present these at the 18 Aug PNSG meeting along with additional supporting rationale.

Milestone RAG Key: ◆ Complete   ◆ On Track   ◆ Risk to individual milestone(s)   ◆ Risk to go-live   ◆ Not yet individually assessed   ◇ Key Milestones

2.3 Current Top Industry Risks

ID	Description	Date Raised	Issue Score	Milestone impacted	Mitigation actions	Target date	Owner	RAG	Assurance Activity
Risk #1	• A number of outstanding questions remain over the Market Trials scope and approach. • Inherent uncertainty will remain around the MT timeline until underlying industry assumptions can be aligned.	1 Jul 15	**12** Likelihood - 3 Impact - 4	• L2 Start Date • L3/L4 Start date • MT End	• PwC / Xoserve to establish a plan for developing / finalising the MT approach – **Action Complete** • Further development of the L2 and L3/L4 MT approach, with finalisation by **1 September** (L2) and **1 October** (L3 and L4).	Monitor progress at 3 August PNSG	Xoserve / PwC	🟡 ⬌	• PwC coordination of market trials development
Risk #2	• Potential for industry-wide resource constraints due to competing industry changes (eg. Smart DCC) that may impact timely delivery of Nexus Industry plan.	1 Jul 15	**12** Likelihood - 3 Impact - 4	• Key system delivery and Market Trials Milestones	• All industry parties to continue to pro-actively monitor resource profile for Nexus and escalate through PNSG representatives as required.	Monitor progress at 1 Sept PNSG	All	🟡 ⬌	• P/AM monitoring of plan delivery
Risk #3	• Smart DCC is planned to go-live at the beginning of August 2016 and a two month window is required following Smart DCC go-live before Nexus go-live. Therefore, any delay in Smart DCC could impact Nexus Go-live date.	3 Aug	**15** Likelihood - 3 Impact - 5	• Go-live	• Track Smart DCC delivery progress through Change Overview Board	Monitor progress at 1 Sept PNSG	PwC	🟡 ⬌	• P/AM to continue to monitor Smart DCC delivery progress

Risk Score = Impact (1 to 5) multiplied by probability (1 to 5) to a maximum score of 25. Only risks with a score of **10 or above** will be reported to the Steering Group. See Appendix 2 for full definition.

**Mitigating Action RAG Key:** 🟢 Mitigating action complete. Risk reduced to an acceptable level   🟡 Mitigating action identified and underway   🔴 Mitigating action not yet identified and underway

2.4 Current Top Industry Issues

ID	Description	Date Raised	Risk Score	Milestone impacted	Resolution Actions	Target date	Owner	RAG	Assurance Activity
Issue #1	• The delivery of Retrospective Adjustments Assets and Supply Point / Unique Sites ('RAASP/US') is uncertain. • Work is required to prove that the design, build and test is feasible in the time available.	1 Jul 15	**16** Likelihood - 4 Impact - 4	• MT RAASP/US Start • Go-live (scope)	• PwC, Baringa and SAP review of the quality of the existing, high-level RAASP / US design – **Action complete,** see slide 4 • PwC to develop impact assessment for not including RAASP/US in 01 October 2016 delivery – **Action complete**, see slide 6.	Reassess at 03 August PNSG	PwC	🟡 ↔	• Initial review of high-level design (PwC / Baringa). • Review of detailed design (SAP).

Issue Score = Impact (1 to 5) multiplied by proximity (1 to 5) to a maximum score of 25. Only issues with a score of **10 or above** will be reported to the Steering Group. See Appendix 2 for full definition.

Resolution RAG Key:　🟢 Resolution complete. Risk reduced to an acceptable level　🟡 Resolution identified and underway　🔴 Resolution not yet identified and underway
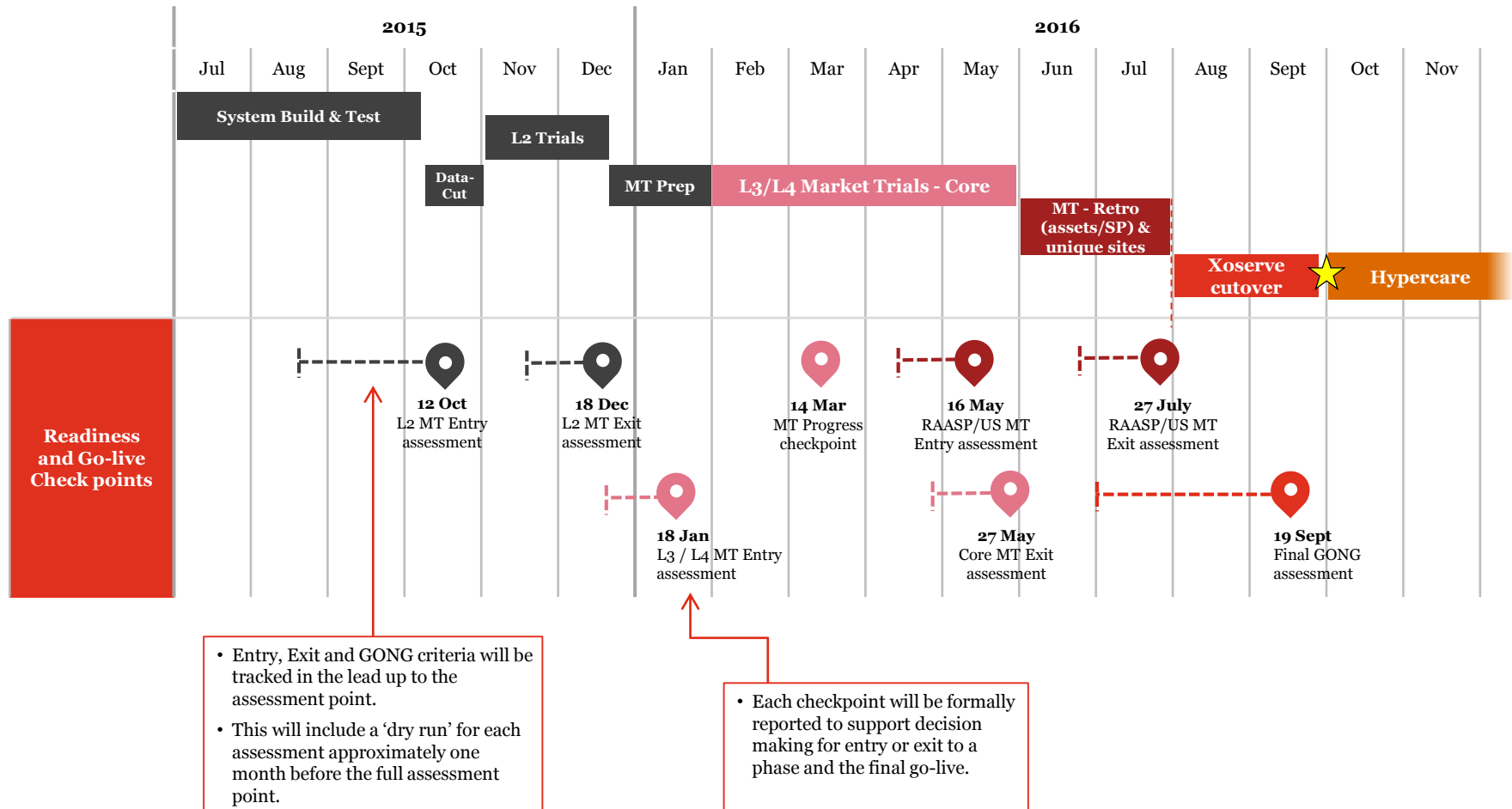
Appendices

A1.   *Key Industry Milestones and Checkpoints*

The key **readiness check points** assess the readiness for entry and exit of key milestones in the plan. They will provide a component of the metrics supporting 'BAU' milestone progress reporting to the Steering Group.

- Entry, Exit and GONG criteria will be tracked in the lead up to the assessment point.
- This will include a 'dry run' for each assessment approximately one month before the full assessment point.

- Each checkpoint will be formally reported to support decision making for entry or exit to a phase and the final go-live.

A2. *Underlying Metrics for Industry Plan Milestones*

The below table provides an overview of the underlying metrics that will be tracked to underpin the key milestones on the 'Industry Plan on a Page'. These metrics will begin be populated over the coming PNSG meetings.

Key Milestones	Date	Key metrics	Source of data
Key System Delivery Milestones (Core)			
Industry / Xoserve testing complete for L2 MT	1 October 2015	**Industry testing for L2:** • [X of Y] organisations completed testing • X organisations in delay against original plan and at risk of missing milestone date **Xoserve File Format testing:** • X% completed vs. X% planned [Trend] • X P1 and Y P2 open defects [Trend]	MT L2 Entry Criteria, as tracked on the PwC Assurance Hub Xoserve
Data Cut taken	12 October 2015	TBC - to be agreed with Xoserve	Xoserve
Industry / Xoserve UAT testing complete for MT Core	31 December 2015	**Industry UAT completion:** • X of Y organisations completed UAT for MT Core • X organisations in delay against original plan and at risk of missing milestone date **Xoserve UAT testing:** • X% complete against X% planned [Trend] • X P1 and Y P2 open defects [Trend]	MT L2 Entry Criteria, as tracked on the PwC Assurance Hub Xoserve
Final dress rehearsal	01 August 2016	TBC - to be agreed with Xoserve	Xoserve
Go-Live	01 October 2016	GONG Criteria	Criteria as tracked on the PwC Assurance Hub

Key Milestones	Date	Key metrics	Source of data
Market Trials ('MT') Milestones			
L2 MT Start	02 November 2015	L2 MT Entry Criteria	Criteria as tracked on the PwC Assurance Hub
L2 MT End	18 December 2015	L2 MT Exit Criteria	Criteria as tracked on the PwC Assurance Hub
MT Core Start	01 February 2016	MT Core Entry Criteria	Criteria as tracked on the PwC Assurance Hub
MT Core End	27 May 2016	MT Core Exit Criteria	Criteria as tracked on the PwC Assurance Hub
MT RAASP / US Start	02 June 2016*	MT RAASP / US Entry Criteria	Criteria as tracked on the PwC Assurance Hub
MT RAASP / US End	29 July 2015*	MT RAASP / US Exit Criteria	Criteria as tracked on the PwC Assurance Hub
RAASP / US Delivery			
Initial Risk Assessment	03 August 2015	RAASP / US Initial Risk Assessment Complete - [Yes / No]	PwC / Baringa
RAASP / US activity re-starts	TBC	Progress of plan for RAASP / US delivery	Xoserve
Detailed Design Completed	TBC	[TBC - to be agreed when delivery plan finalised]	Xoserve
SAP Review of Detailed Design	TBC	[TBC – to be agreed when SAP engagement agreed]	Xoserve
Industry and Xoserve Build Complete	TBC	[TBC - to be agreed when delivery plan finalised]	Xoserve PwC Assurance Hub
Industry and Xoserve UAT Complete	TBC	[TBC once testing approach finalised] • X% passed against X% planned • X P1 and Y P2 open defects	Xoserve PwC Assurance Hub

* Subject to earlier milestones being met

A2. *Underlying Metrics for Industry Plan Milestones*

Key Milestones	Date	Key metrics	Source of data
Re-plan of Market Trials			
Reconvene MTWG + wider communication	10 August 2015	• MTWG structure and approach ratified by SG – [Yes / No] • MTWG reps identified – [X out of Y] • MTWG dates scheduled [Yes / No] • MTWG meetings commenced [Yes / No] • MT wider weekly progress calls established [Yes / No]	• SG Meeting Minutes • SG Constituent Reps • Xoserve • Xoserve / PwC • Xoserve
L2 MT Approach Approved	01 September 2015	• L2 MT Approach proposed • L2 MT Approach agreed by MTWG	PwC / Xoserve
L3/L4 MT Approach Approved	01 October 2015	Progress update from MTWG	PwC / Xoserve

Overall and Key Milestone RAG Definitions

● **Risk to go-live** - One or more milestones are at risk of delay (**greater than 5 days**) or not achieving the required quality that will likely cause a delay to the go-live or increase the risk of quality issues during go-live. Mitigating actions have not yet been identified or no mitigating action is possible at the current time.

● **Risk to individual milestone(s)**– One or more milestones are at risk of delay (**greater than 5 days**) or not achieving the required quality but it is unlikely, at this stage, to result in a delay to go-live or increase the risk of quality issues during go-live. Mitigating actions have been identified and are underway.

● **On Track** – Milestone(s) are on track to time and quality and no significant risks have been identified that may impact the go-live date or pose a significant risk to the industry at go-live.

Risk/Issue Score Definition

Likelihood / Proximity

5	Almost certain / Now
4	Likely / 1 week
3	Moderate / 2 weeks
2	Unlikely / 1 month
1	Rare / 1 month+

Impact

5	Severe
4	Major
3	Significant
2	Minor
1	Insignificant

Delay to go-live and / or quality issues that compromise the integrity of the critical market processes, such as change of ownership.

Go-live date not impacted and/or minor defects that can be easily fixed.