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# PN UNC 3<sup>rd</sup> July 2012

Non-functional Topic Issues

# Background

- A set of non-functional requirement principles have been defined and documented by the PN UNC workgroup
- These have been subject to a series of reviews within Xoserve
- The internal workgroup have identified several areas for clarification, along with the following points:
  - The principles will need to be reviewed in more detail when the technology and architecture options have been evaluated
  - Not knowing the volumetrics as this stage is an issue
  - Some principles are simply statements that can not be translated into requirements

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# Areas for discussion

- Additional clarification is required in the following areas:
  - Data/File Transfer & Processing
  - Online Data Access
  - Data Retention
  - Documentation

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# Data/File Transfer & Processing

- Validate the key requirement: File based transfers remain the core mechanism for Data Transfer (8.2.1)
- Clarify the requirements for:
  - System availability for file submissions (8.4.3)
  - End to End Process latency (8.4.2)
- Are there any impacts on Working days vs Non-Working Days

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# Data/File Transfer & Processing

- **8.2.1** - File based data transfers should continue to be the core mechanism for data transfer
- **8.4.2** - Data updates resulting from files transferred to Xoserve should be 'live' within [1] working day of receipt. *Note: Contradicts 8.4.3)*
- **8.4.3** - Capability required to process file transfers 24\*7\*365 immediately upon receipt. *Note: This supersedes 8.4.2.*

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# Online Data Access

- Clarify the requirements for online data updates (8.1.7, 8.1.8 & 8.1.9)
  - Understand the business scenarios for online data updates
  - Understand the process latency requirements
  - What is your preferred mechanism / tool?
- Audit trail (8.1.5)
  - Understand the level of detail required regarding the viewing and updating of data

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# Online Data Access

- **8.1.7** - All data lookup and update services will be browser based, and avoid the need for deployment of client software.
- **8.1.8** - Capability to update single data items directly (rather than transfer a complete file of redundant information currently required to make a single change), subject to business rules.
- **8.1.9** - Single data items should be able to be updated in bulk (eg by IX, FTP/web) or individually (eg. on-line).
- **8.1.5** - Data access to be limited to the data the User is permitted to view / report on and have the appropriate controls and audit trail.

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# Data Retention

- Clarify the data retention requirement (8.5.1)
  - What are the standard Shipper business processes?
  - What data retention period is envisaged?

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# Data Retention

- **8.5.1** - Historical data not required for standard Shipper business processes will be retained and made accessible within reasonable timescales as a minimum to comply with the relevant statute of limitations back to 'line in the sand'. For standard Shipper processes, direct access to historical data will be maintained for up to [ ] years old and automated access to older data with [ ] days' delay (*values to be specified, and may differ according to business area/domain*)

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# Documentation

- Understand the related requirements for documentation (8.8.1, 8.8.2 & 8.8.3)
  - Governance
  - Ownership
  - Ongoing maintenance
  - Access rights

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# Documentation

- **8.8.1** - System documentation (for example file formats and validation routines) is publicly accessible as per Electricity and RGMA.
- **8.8.2** - A single information rich data dictionary will be made available to all industry parties so that data items can be understood and easily communicated.
- **8.8.3** - Define and document a standard, common and published set of error/validation messages.

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