

## Integration Testing approach

The group heard a presentation from DC on the integration testing approach. This work is in its early days. DC is the newly appointed director in this area, with a small team and some client-side advisors.

Key first steps were to set out a common language, methodology and approach – encapsulated in the NIS Test Principles.

Looking at the release landscape, key points are those releases which go across multiple programmes – e.g. the next gen P release.

‘V’ model for testing and integration was explained – this may in practice be a combination of Vs and Ws

The group commented that

1. Vital that there is clarity as to who the SD customer of testing is
2. Some suppliers may prefer an iterative or waterfall methodology, and some requirements were high-level output based requirements – joining all these in a single approach may be challenging.
3. Iterative and early testing are important
4. The right number of test environments is essential. You can never have too many.
5. IPS must build up in-house testing skills
6. EY are not renowned for their testing expertise – might not have been the group’s first choice
7. The ‘people’ side of testing is important: How will staff be engaged and trained? How will customers be engaged? (This could be an element that was lacking in ION testing)

ACTION: XX to send DC dates of future meetings. DC to come back for an update.