

## Agenda

### Technical Assurance Forum - Meeting 2

### Integrity (1)

Wednesday, 30<sup>th</sup> September 1998

14:00 - 16:00

Feltham

Introductions [5 minutes]

Agree objective of session

*For Pathway to appraise and discuss with Horizon Technical Assurance the integrity characteristics of the Pathway solution to allow assurance of the solution and assist in the achievement of a positive NR2 Release Authorisation Board recommendation in the areas covered.*

[5 minutes]

Interactive presentation followed by discussion, including:

- Underlying philosophy regarding provision of business data integrity
- How do the applications leverage integrity from the infrastructure; any application design rules for integrity
- The Riposte paradigm<sup>1</sup> vs the conventional Oracle paradigm; consistency across the boundary
- Committal of transactions/events
- Referential integrity (where messages may be archived; where complex data structures are overlaid onto the Riposte message store, eg in BES)
- Handling of delays and time-outs (eg ISDN failure delaying replication)
- Handling of power failures or crashes
- Handling of cut-offs and any end of day operations
- Exception handling (eg where duplicates occur)
- Integrity monitoring in live operation (how is loss of integrity detected/handled)
- What failure analysis has been performed
- Specific cases (*if time allows - otherwise at future session*):
  - BPS - message flows for normal/foreign/ISDN down/helpdesk transactions/stops; duplicates, failed stops (how can occur, how detected/handled)
  - APS - cut-offs/reversals and end of day processing
  - EPOSS - preservation of integrity/balance in SU/office

[Pathway led - 90 minutes]

Summary/action points/way forward [DL/JF 10 minutes]

Actions/Issues from previous meetings [DI/JF 10 minutes]

Next meeting - topic and date [DL/JF]

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<sup>1</sup> Assume that we understand underlying Riposte facilities such as replication, CRCs, strict sequence numbering etc - no need for presentation on Riposte per se, the interest here is how the application builds on it.

AOB

[All]