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OAL SOA 12c UPGRADE



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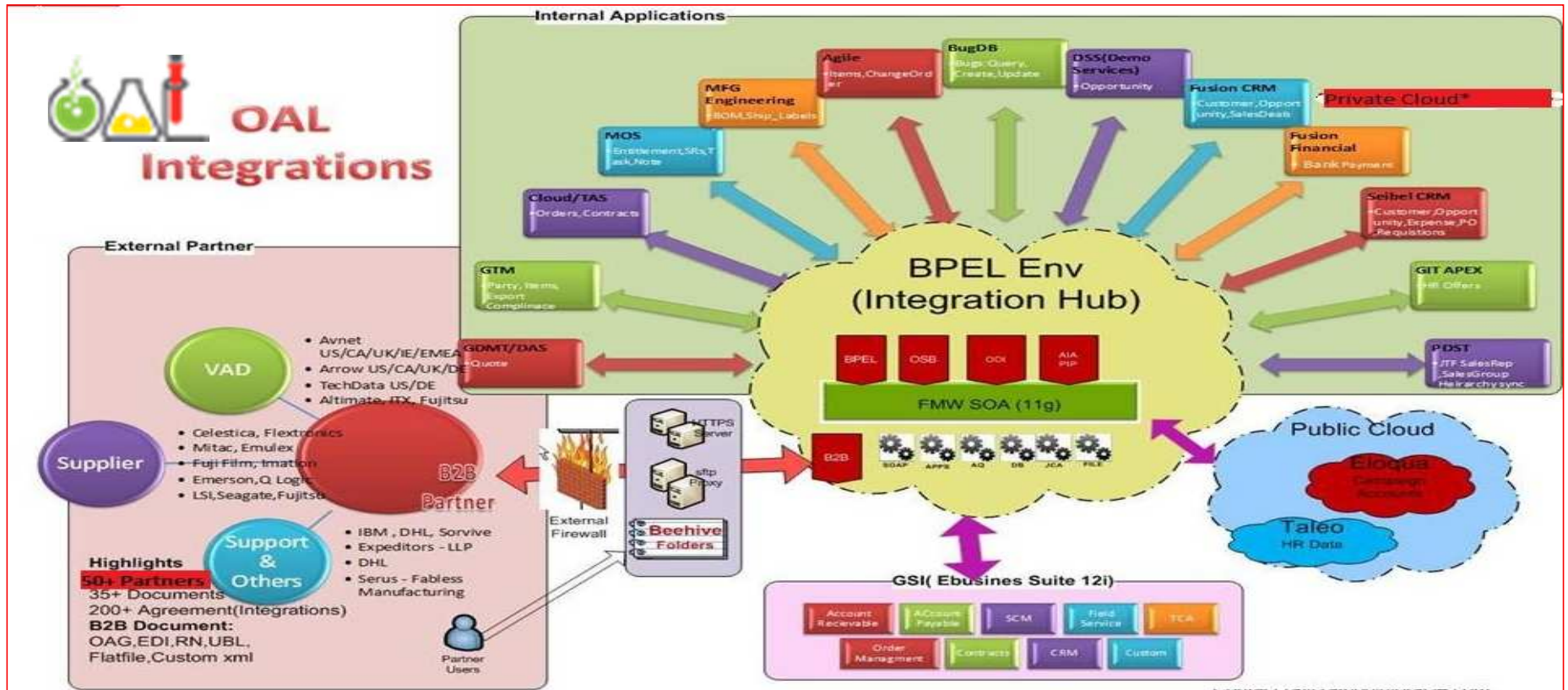
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Safe Harbor Statement

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Oracle SOA @OAL



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Spanned across 8 Weblogic domains (B2B/SOA/OSB/BAM/CEP/ODI)

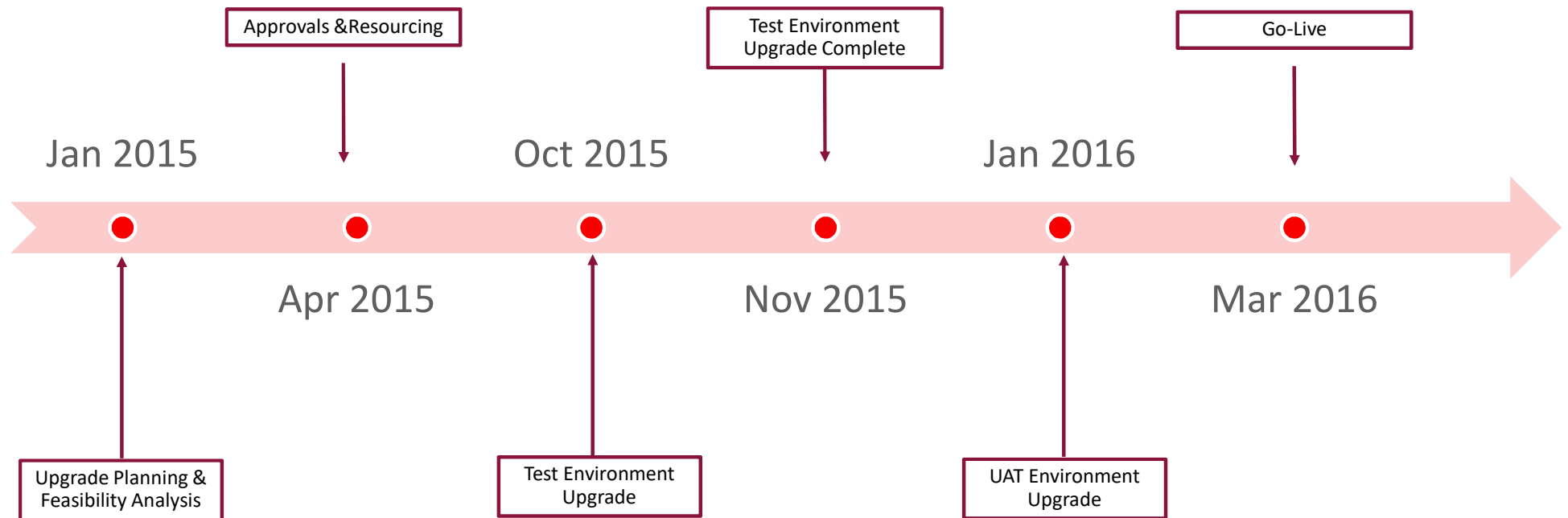
Connecting 30+ systems

100+ Integrations (B2B/A2A/Cloud)

290k Messages/day on SOA & 200k Messages/day on OSB

58% of transactions are Business Critical including – MOS, GTM, Printers, FS, Cloud Ordering, SPM, DAS, Quoting etc.

OAL SOA 12c Upgrade (11.1.1.7 -> 12.1.3)



Issues Encountered

- OWSM - Specific use case (FA Release 9.2 → SOA 12c → FA Release 9.2) stopped working after the upgrade. Identified as compatibility issue and a patch fixed the problem.
- B2B – After applying a generic AQ transport fix, all messages, going to standard inbound AQ, started failing with transaction error. Identified as a regression.
- OSB – Incorrect location in effective WSDL generated for SOAP proxy service. Also performance issue while loading effective WSDL for a SOAP proxy. Received a bug fix which solved the issue.
- BAM – Selecting a special value like "All" in a surface prompt resulted in no value being displayed in the view. Identified as a regression.

Learning's

- Planning is the key - In-place upgrade vs Side-by-side upgrade
- Follow Enterprise Deployment Guide
- Apply latest/recommended patches
- Tune as per observation/implementation
- Upgrade alerting/monitoring implementation
- 12c is backward compatible

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