



USQ's IDM Implementation

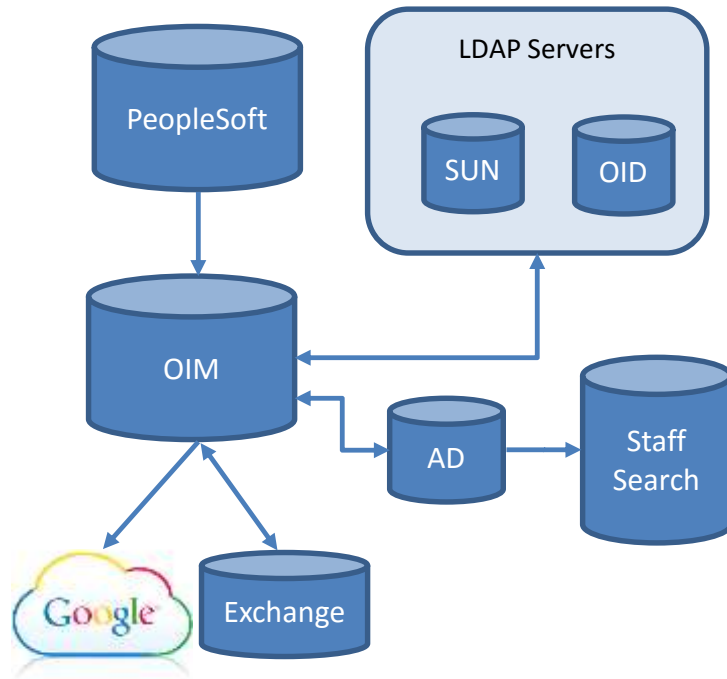
Bumpy flight with a smooth landing

Brian Stevens and Nathan Lock

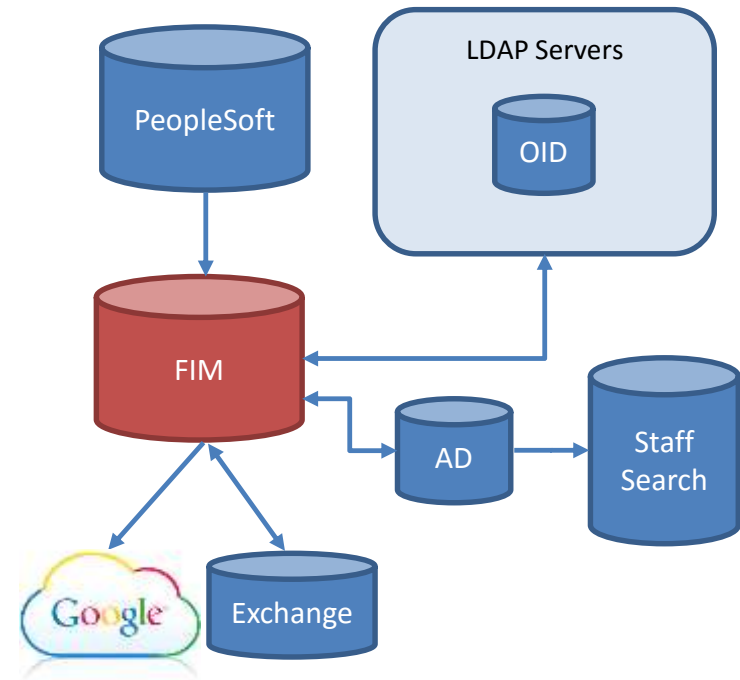


In the beginning...

Old - OIM



New - FIM





Selecting a Vendor...





Chaos...





Heading for a wreck...





Project Timeline...

Task	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Scope												
Build												
Implement												
Party												





Selecting a new vendor



Paul

Peter

Phil

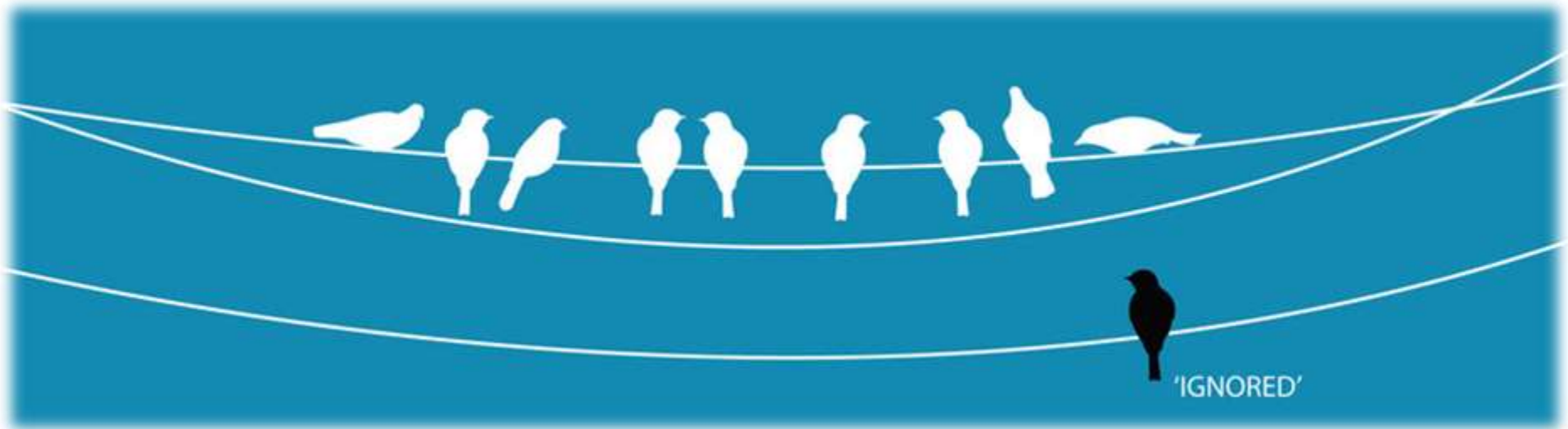


Let's get Technical...





Identifying Exceptions...



- ✓ Over 950,000+ changes to production user data.
- ✓ Numerous inconsistencies with target data.
- ✓ Good data vs. Bad data changes?
- ✓ Time spent doing change analysis.



Identifying Exceptions...

1. Business logic adjustment
2. User attribute data is important
3. Sorting the **GOOD** from the **BAD**
4. Outdated access removed
5. Group membership was never 100%



Managing Exceptions...





Managing Exceptions...

Staff_HR

General

Members

Owners

Select **user** that match **any** of the following conditions:

Resource ID is member of Staff_HR - EXCEPTION

All of the following:

DepartmentID is 674010

ActiveEndDate is True

IsStaff is True

Add statement to Sub-condition

Add Statement or Add Sub-condition

Exception Logic

Business Logic



Password Management





Unify Event Broker

 The scheduler has started.



FIM Event Broker™

[Agents](#) [Operations](#) [Groups](#) [Logs](#)

Dashboard

Scheduler [Stop](#)

The scheduler is starting up.

Current Operation Lists

[FIM Agent ADAM MA Incoming](#) - Waiting on startup operation lists

Alerts

There are currently no pending alerts.

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Event Broker - Configured

The screenshot displays the FIM Event Broker web interface. At the top, there is a navigation bar with the USQ logo, the title 'FIM Event Broker™', and links for 'Agents', 'Operations', 'Groups', and 'Logs'. The main content area is titled 'Dashboard' and features a 'Scheduler' section with a 'Stop' button. Below this, a message states 'The scheduler has started.' followed by a 'Current Operation Lists' section. This section contains a list of operations with their respective next run times. At the bottom, there is an 'Alerts' section with a red warning icon and a link to click for details. The footer of the interface includes copyright information and links to documentation, support, and about pages.

USQ FIM Event Broker™ Agents Operations Groups Logs

Dashboard

Scheduler Stop

The scheduler has started.

Current Operation Lists

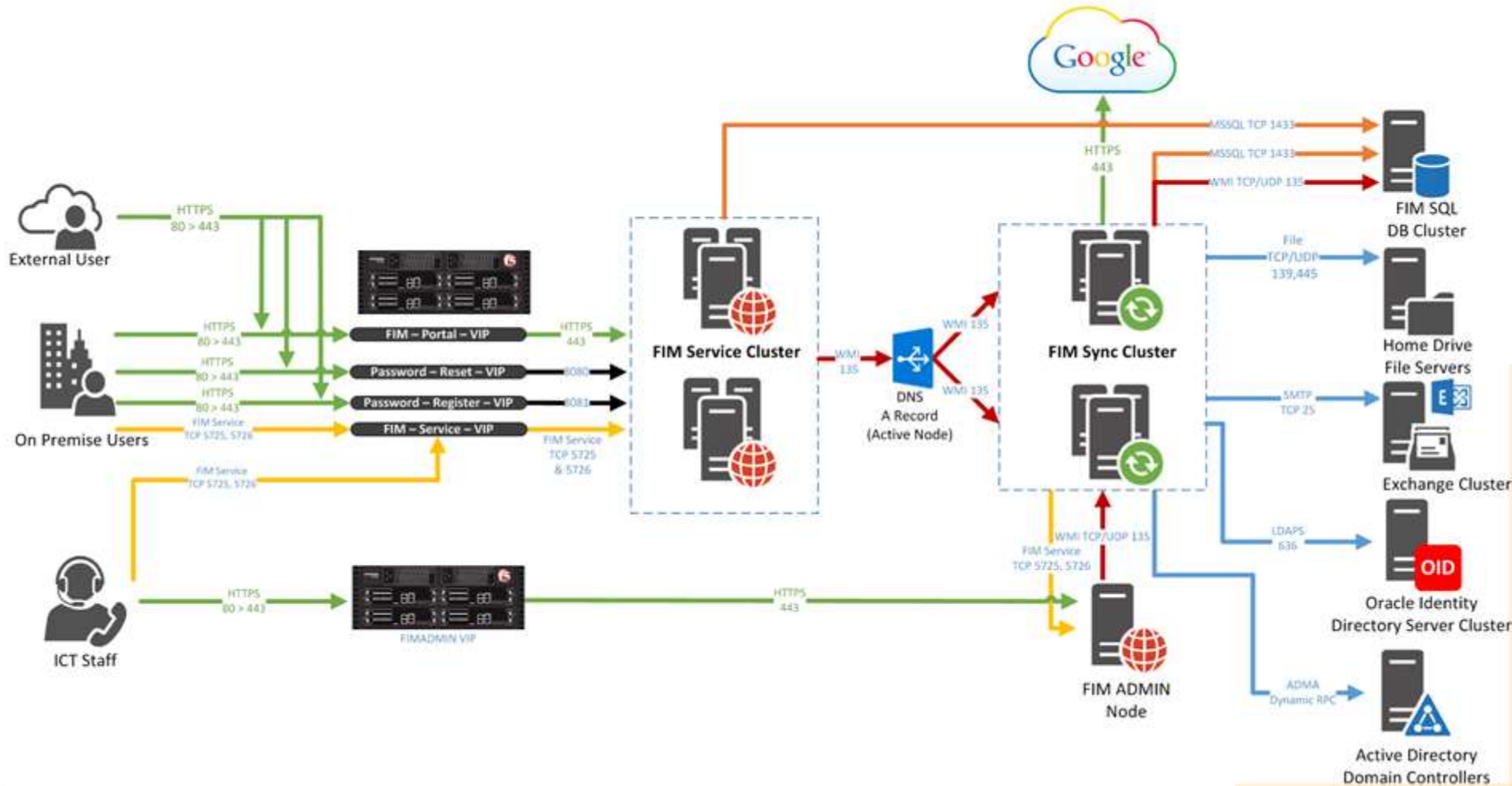
FIM MA Incoming	- 53 seconds until next run
FIM MA Outgoing	- 29 seconds until next run
PeopleSoft Incoming	- 1 second until next run
Active Directory Incoming	- 24 seconds until next run
Active Directory Outgoing	- 24 seconds until next run
Home Directories Incoming	- 26 seconds until next run
Home Directories Outgoing	- 26 seconds until next run
Exchange Incoming	- 25 seconds until next run
Exchange Outgoing	- 25 seconds until next run
OID Outgoing	- 14 seconds until next run
Google Incoming	- 17 seconds until next run
Google Outgoing	- 18 seconds until next run

Alerts

Click [here](#) for details.

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FIM Infrastructure





Design Considerations

1. Highly Available Architecture

2. Full FIM Service Fault Tolerance

3. Highly Scalable Architecture



End Result





Questions?

