



YHMAN SHARED DATA CENTRE SERVICES

Update for Janet Networkshop - 2/4/2014
Ed Carter - YHMAN Business Manager

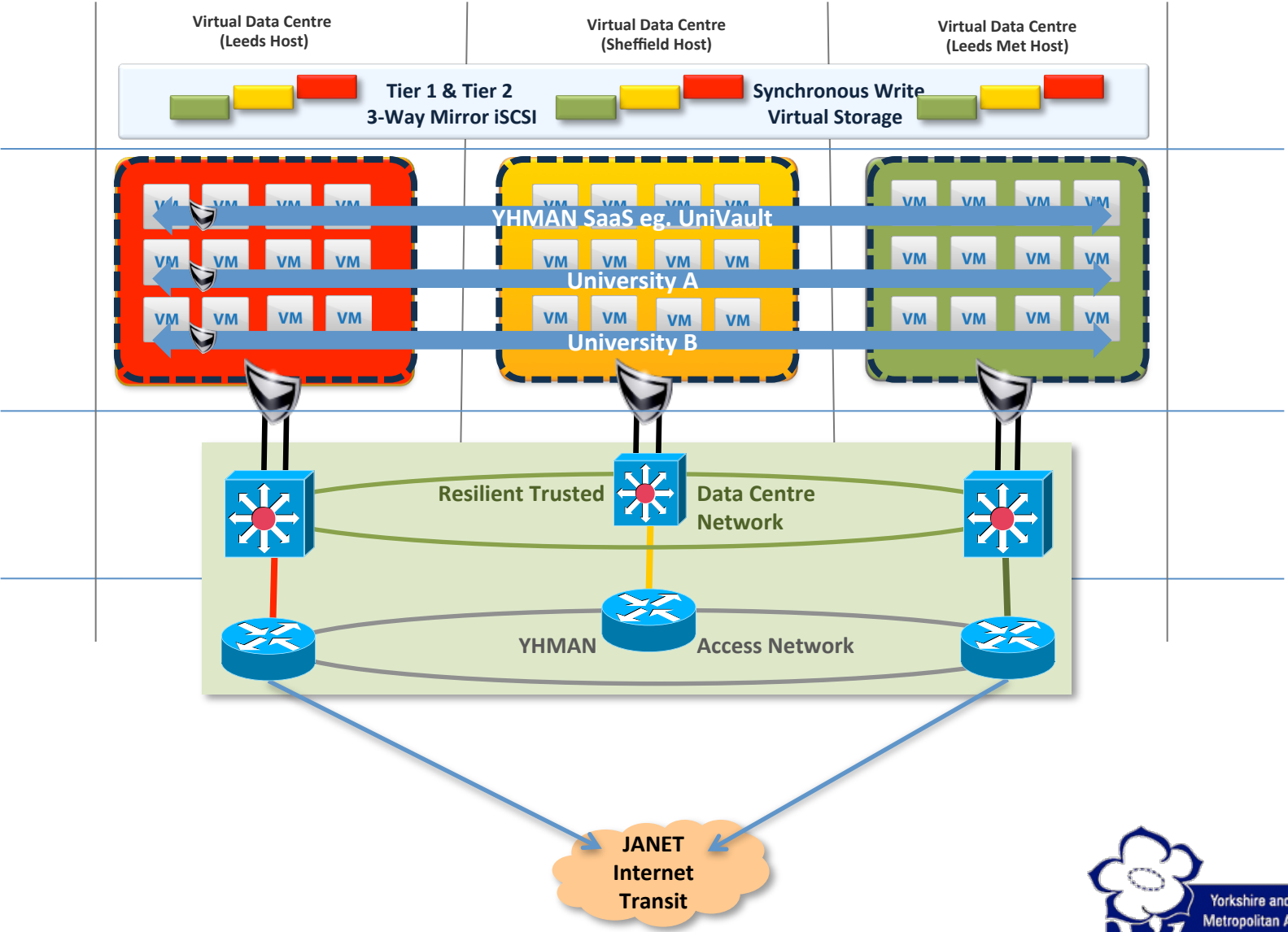




The Shared Virtual Data Centre - a 3 node cluster linked by an overlay Optical Network



A distributed 3 node cluster WAN architecture: 1 resource pool - vServers & stretched SAN



Virtual Server Tenancies
Infrastructure-*as-a-Service*
Platform-*as-a-Service*
(Rapid deployment, Campus-Cloud Hybrid)

Tenancy
Automation
Portal

Business Continuity/Disaster Recovery
-*as-a-Service*

UniVault®
Storage-*as-a-Service*
(Mobile, Secure)

Shared Applications
Software-*as-a-Service*

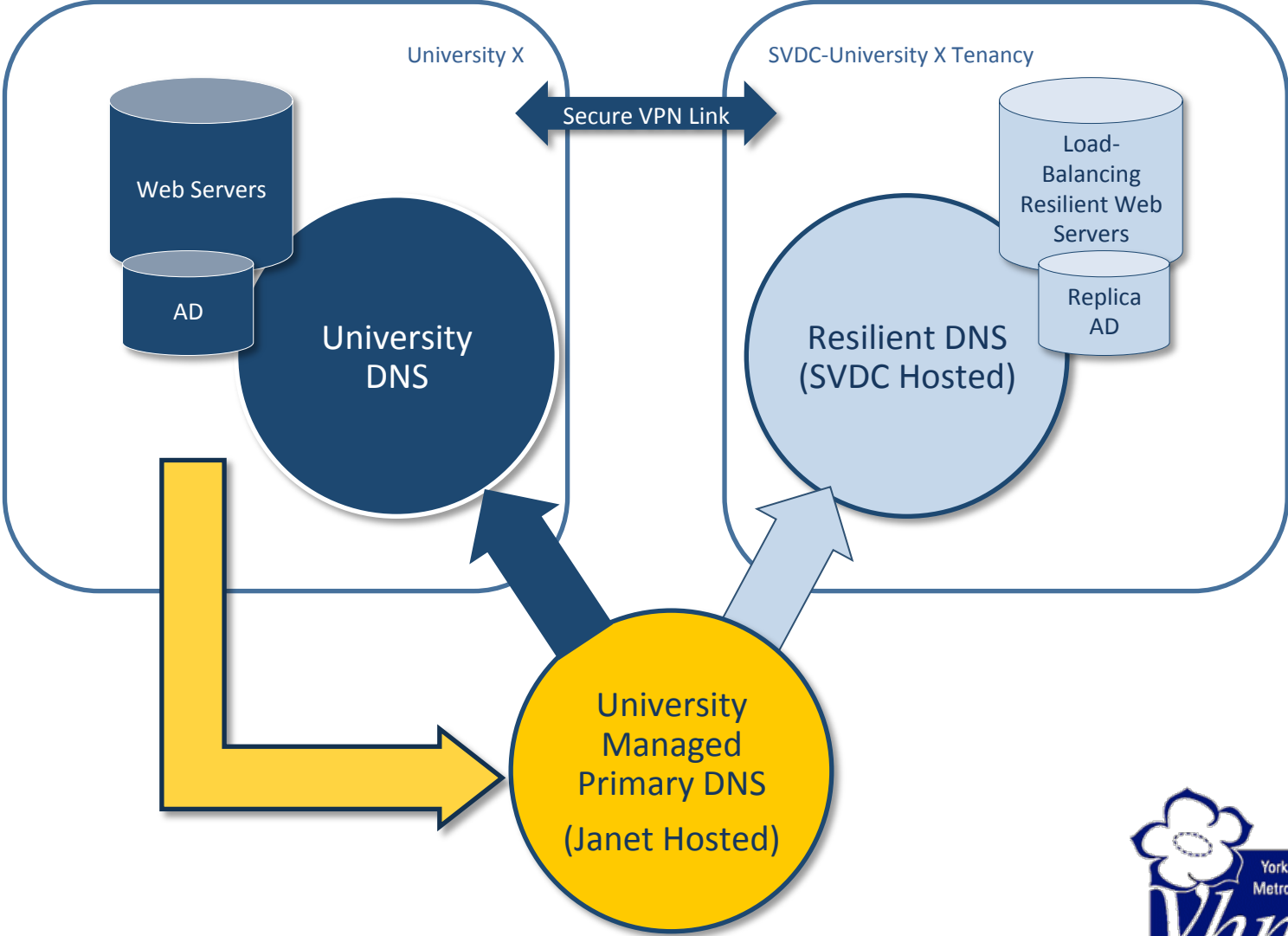
HPC-*as-a-Service*
(SVDC - HPC Linkage)

Helping Hands-*as-a-Service*
(Shared Knowledge - Making IS/IT work)

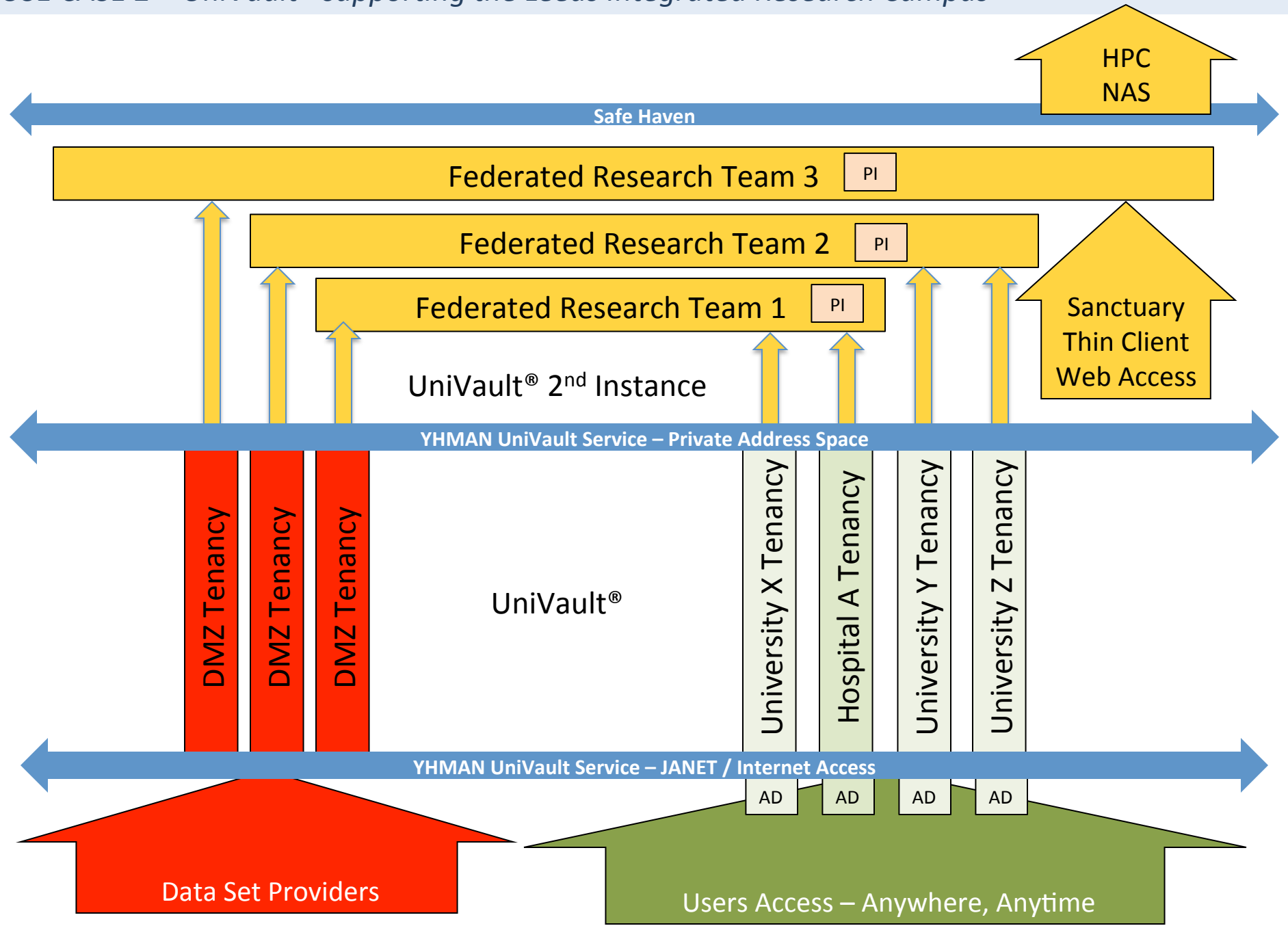
Working
towards
ISO27001,
ISO9000 &
NHS-IGT



USE CASE 1 - University BCDR



USE CASE 2 – UniVault® supporting the Leeds Integrated Research Campus



**UniVault**



Providing a Global Research Platform

Local Access Control
Closed Federated Team Collaboration
Safe Haven
HPC Integration



Big data
tamed

Look no further than
www.univault.ac.uk



(c) YHMAN Limited



Where are we going? ...Integrated Research Campus & CoLo cluster nodes



With all SVDC services:

- YHMAN supports university/organisation IT/IS Services
 - Services appear as university/organisation self-provision
 - with YHMAN providing 2nd line support
 - All services are provided with High-Availability server mobility
 - Single- or Multi-Way (2- or 3-way) mirrored storage



Thank you



YHMAN SHARED DC SERVICES

Thank you

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Networkshop42
1st-3rd April 2014
@ The University of Leeds



Date: Wednesday 2 April 2014
Start time: 9.40am

YHMAN Shared Virtual Data Centre -
Update

<https://www.ja.net/events/networkshop42>

