NBN – Year in technical review AUSNOG-2012

Tom Sykes

PRODUCT MANAGEMENT & INDUSTRY RELATIONS

This document sets out NBN Co's proposals in respect of certain aspects of the National Broadband Network. The contents of this document represent NBN Co's current position on the subject matter of this document. The contents of this document should not be relied upon by our stakeholders (or any other persons) as representing NBN Co's final position on the subject matter of this document, except where stated otherwise. NBN Co's position on the subject matter of this document may also be impacted by legislative and regulatory developments in respect of the National Broadband Network. All prices shown in this document are exclusive of GST.

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Technical highlights from
the last 12 months

Service Providers (with a signed WBA)

As of 30 August 2012

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Product Releases

TC-4
12/1 Mbps
25/5 Mbps
25/10 Mbps
50/20 Mbps
100/40 Mbps

TC-1
0.15 Mbps
0.3 Mbps
0.5 Mbps
1 Mbps
2 Mbps
5 Mbps

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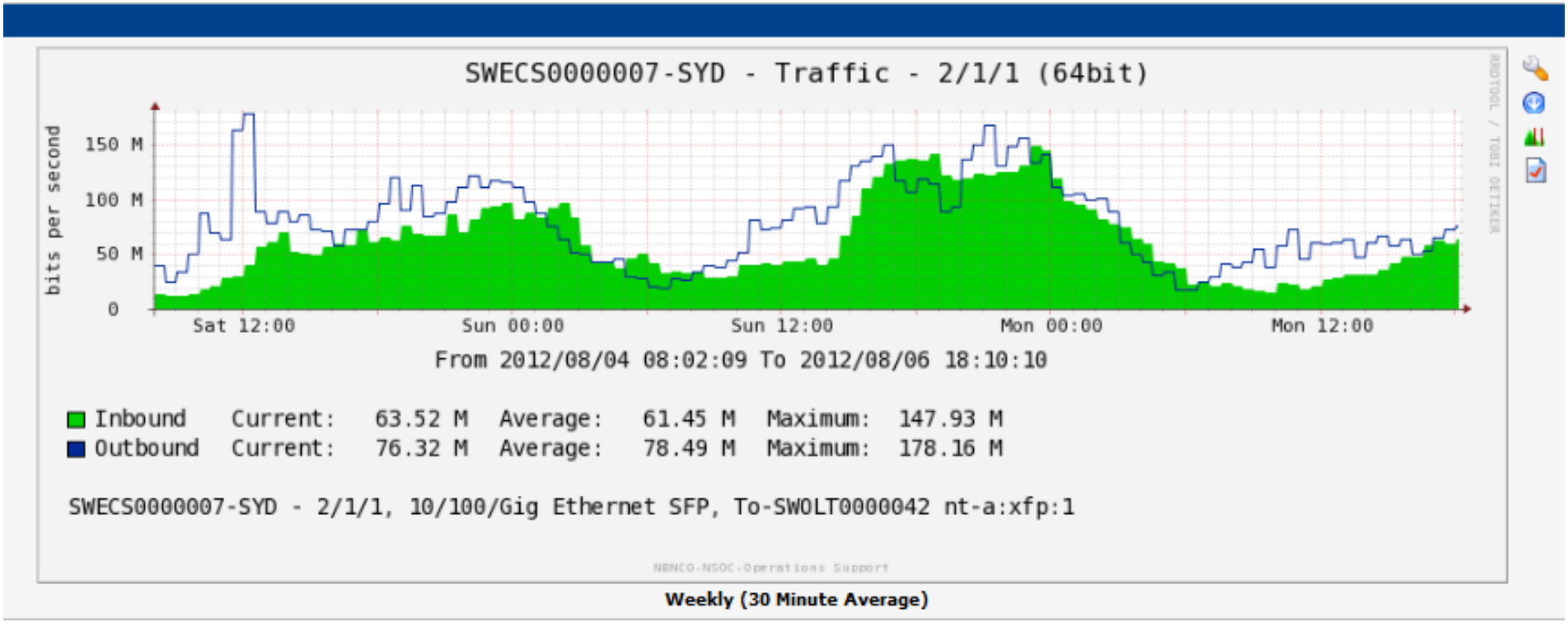
Sample Usage Patterns



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Other Observations

- Take up of TC-1
- Transition away from PPPoE
- Reassessment of LNS/BNG infrastructure

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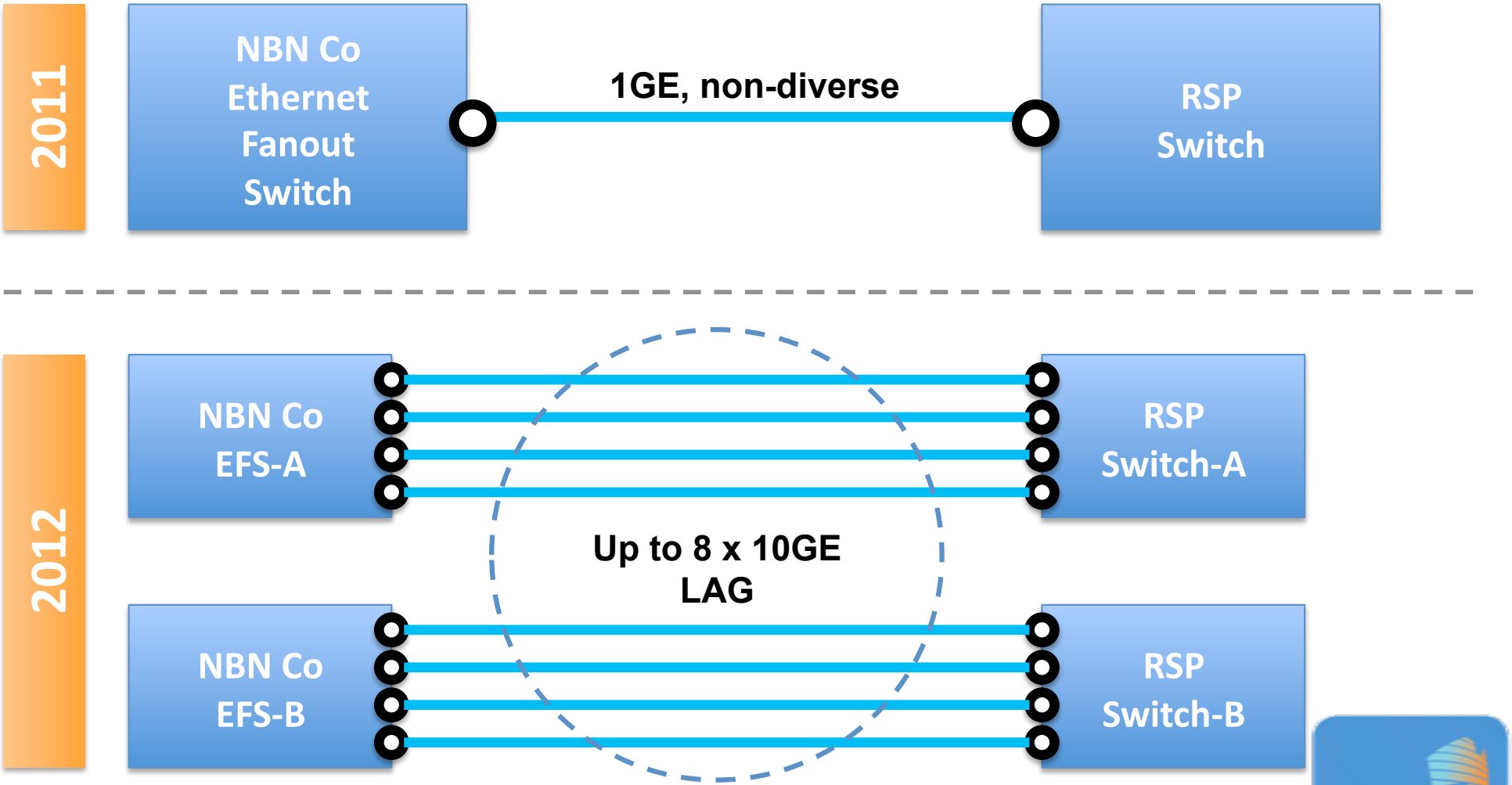
NNI Diversity



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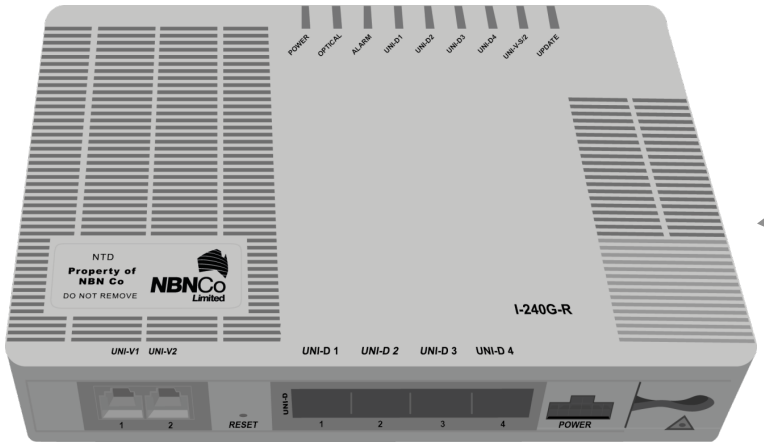
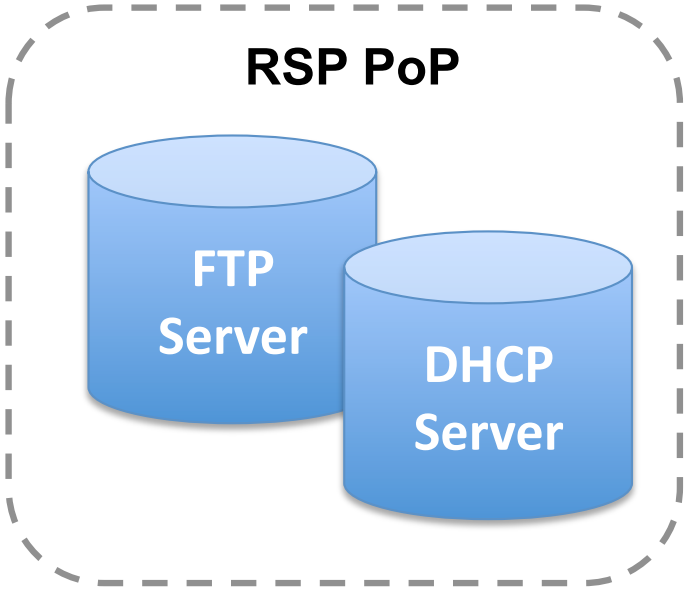
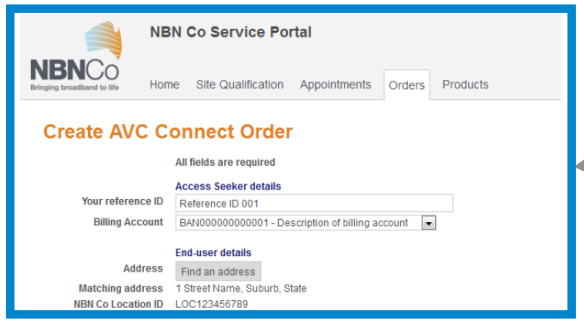
UNI-V – initial launch



- IP configuration
- FTP server URL
- XML File transfer





- FTP Credentials
- XML Filename

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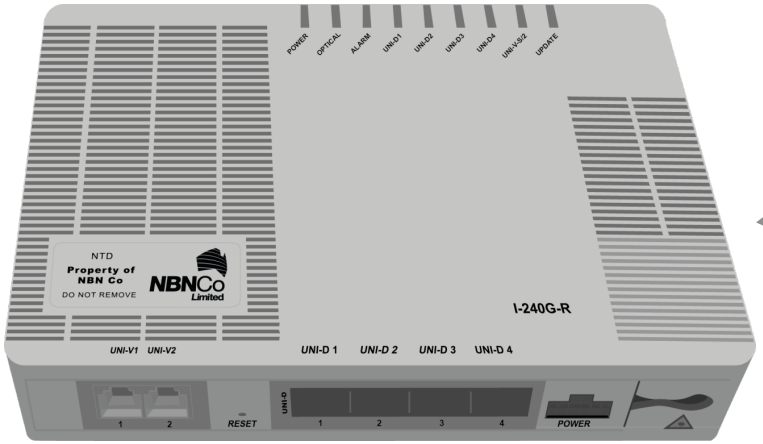
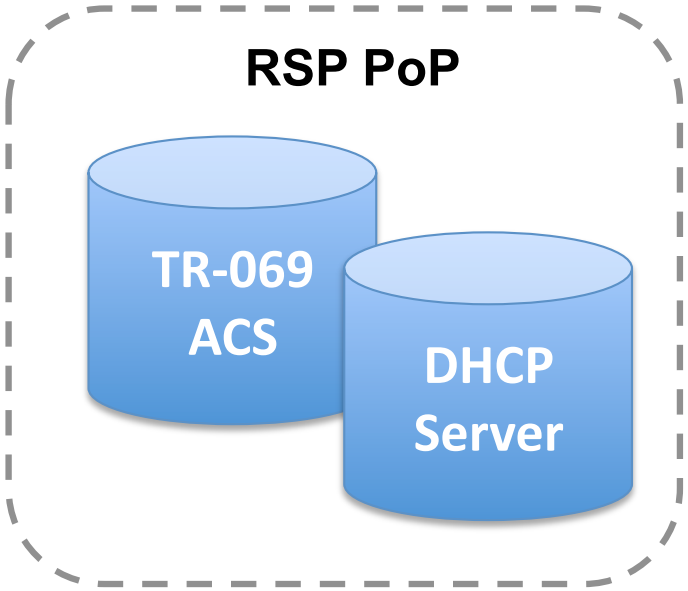
UNI-V Enhancements



•SOAP/HTTP



Also introduced (28 Sept)

- **RFC2833 (Out of band DTMF)**
- **RTCP Statistics**

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Legacy Service Support

EFTPOS Terminals

754,000

Security Alarms

1,250,000

Medical Alarms

250,000

ATMs

33,000

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Legacy Services

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TFAN Deployment

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Battery Backup

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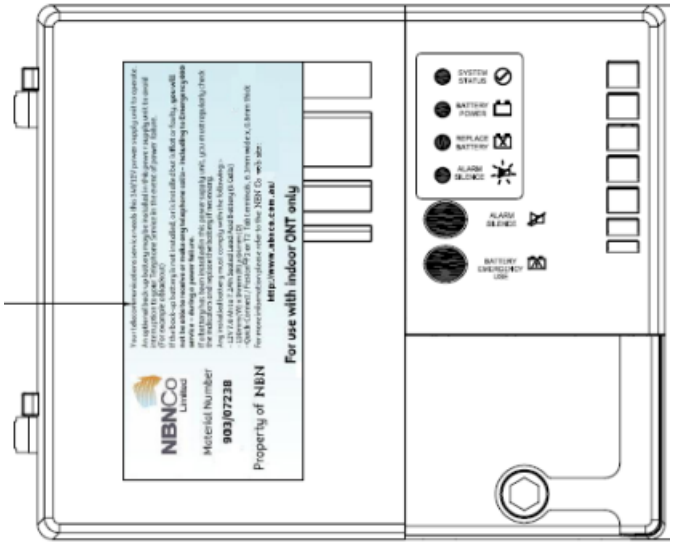
Battery Backup – Key Changes

Optional Supply*



Vs.

* Priority assist end users will continue to receive mandatory battery backup

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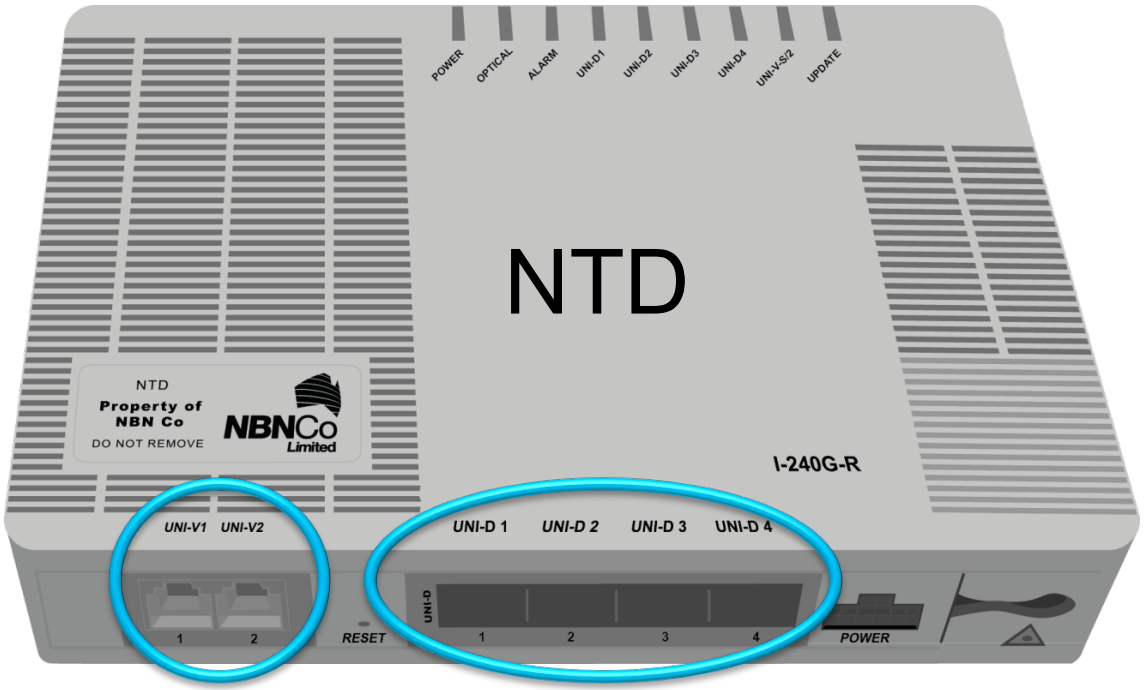
Battery Backup – Key Changes

Plan to power the UNI-V *and the UNI-D*



UNI-V
2 x SIP ATA Ports

UNI-D
4 x 10/100/1000M

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The first service fault

Sent: Monday, 18 April, 2011 3:47 PM
Subject: RE: We have an alarm on the service.

All,

Adrian has been to the house and the customers child had removed the power cord and turned off the socket. All ok now. Service has returned to normal, uni-d is up again. Alarms have cleared in AMS.

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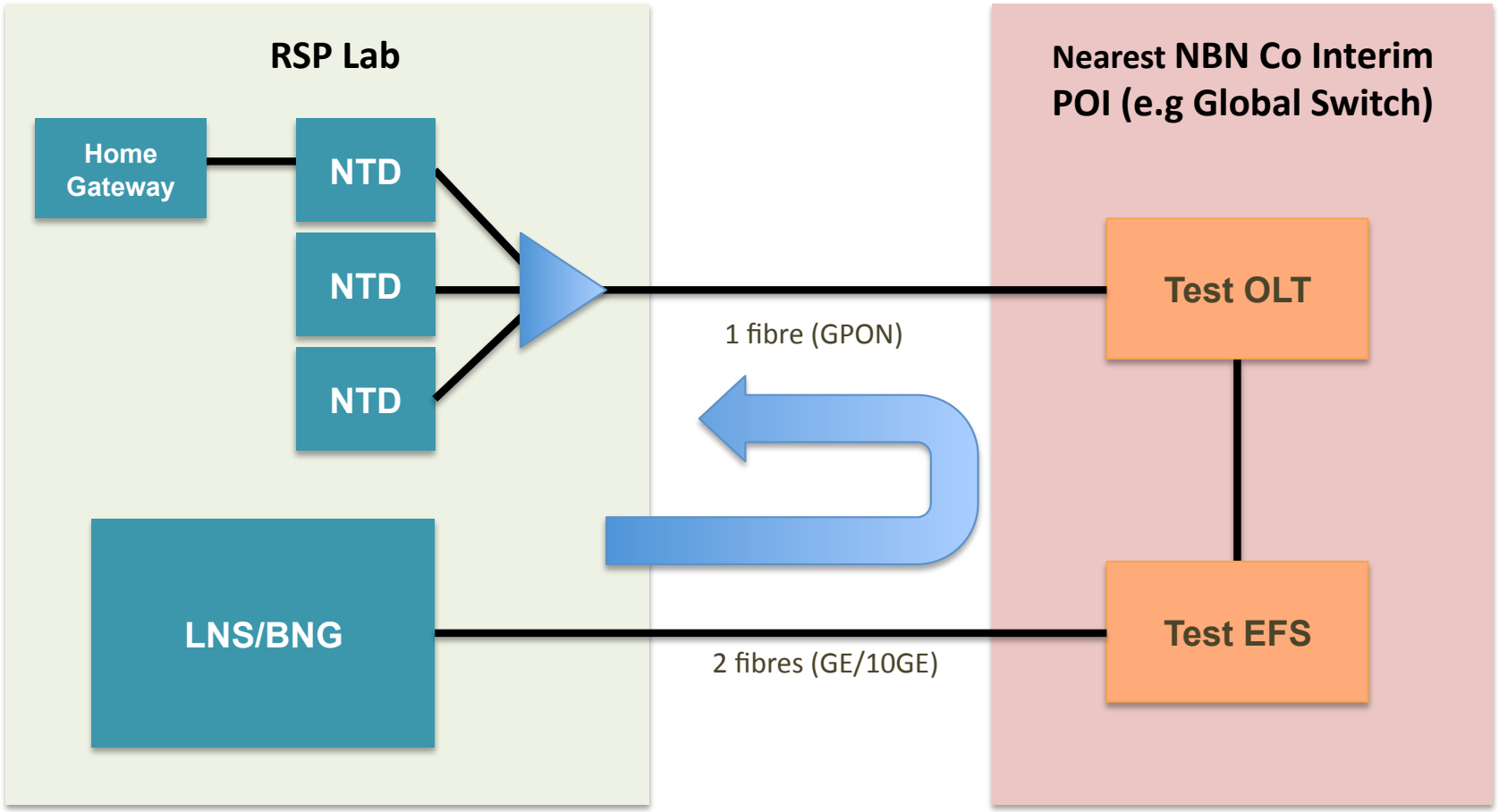
NBN Network Sandpit



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What's ahead?

Time period	New POIs scheduled in the period
Now – end 2012	12
Jan 2013	4
February 2012	1
March 2013	4
April 2013	9
May 2013	6
June 2013	24

As per NBN Co Network Rollout Plan:
http://www.nbnco.com.au/getting-connected/service-providers/network-rollout.html

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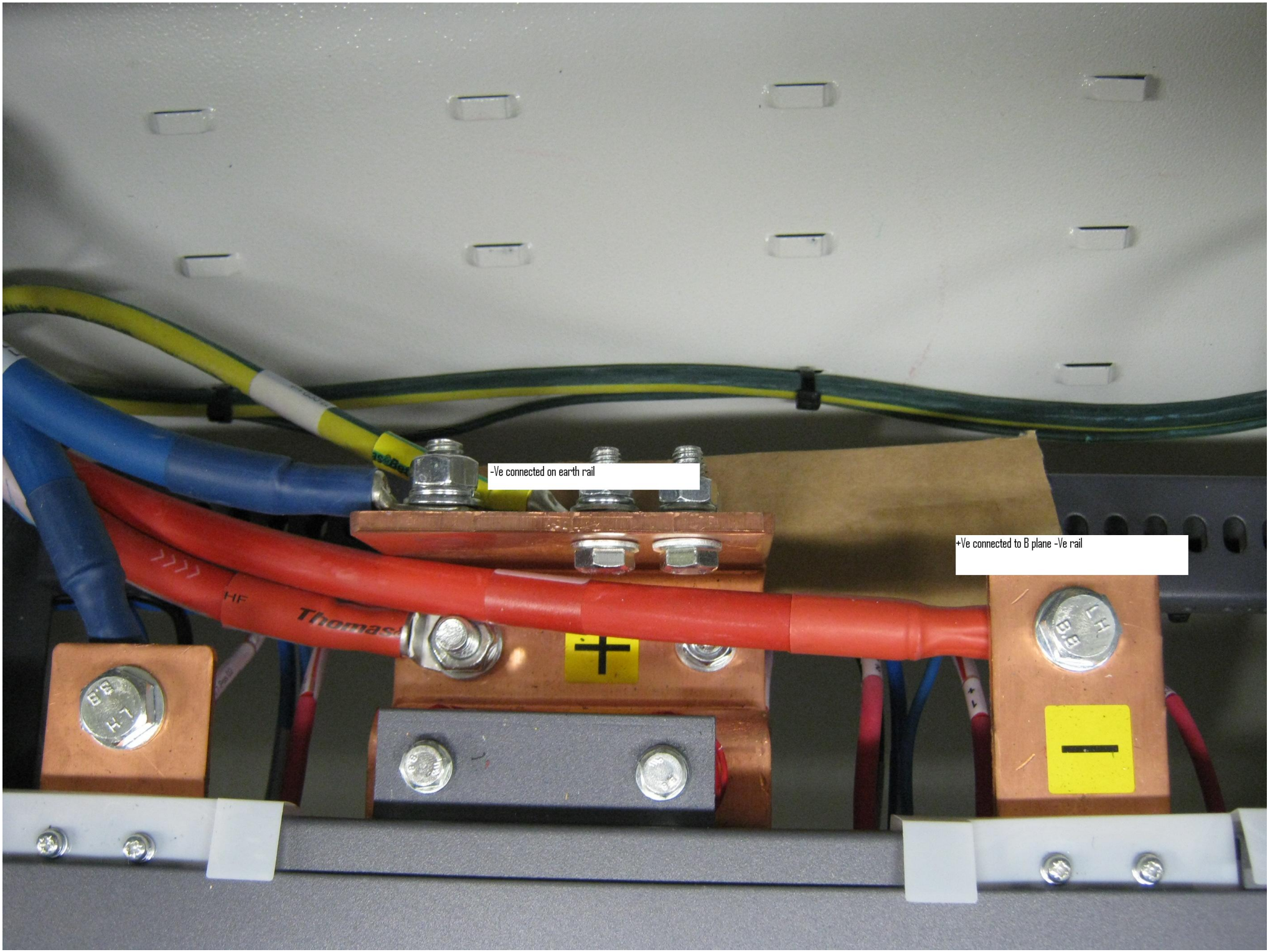
-Ve connected on earth rail
+Ve connected to B plane -Ve rail
HF
Thomas
+
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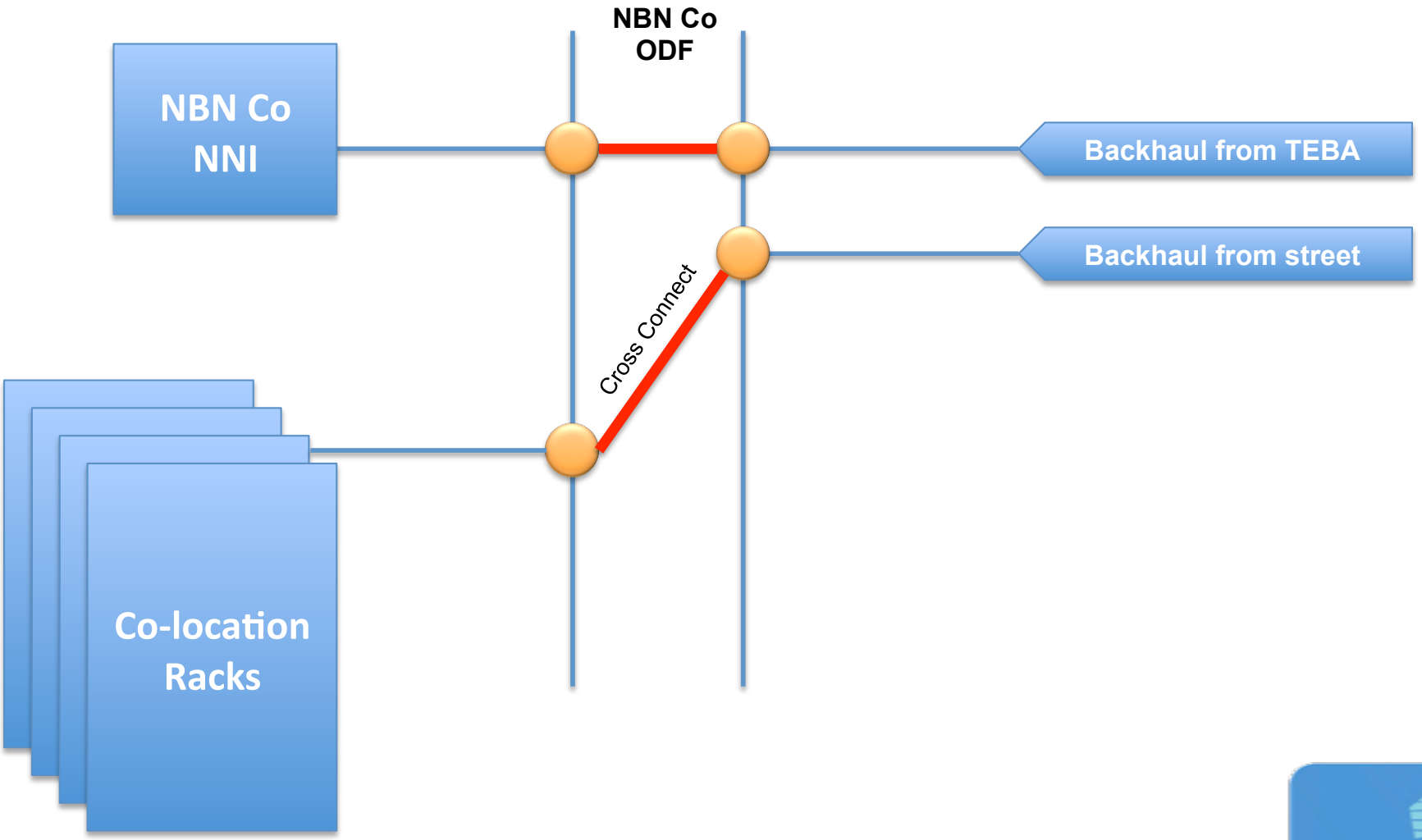
Facilities Access Product



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