

EXTERNAL ACTIONS OF THE EUROPEAN COMMISSION

TEIN3



TEIN3 Network Implementation Progress Report No 3

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Abstract: This document is the 3rd and final progress report to implement the TEIN3 network

Document Revision History

Date	Version Number	Author/Editor	Summary of main changes
8 April	Draft	Zhonghui Li	First draft
21 April	Issue 1	David West/Xing Li/	Internal review

INTRODUCTION

TEIN-08-106 sets out the topology for the TEIN3 network following the connectivity tender. Annex 1 of this document gives the TEIN3 topology. This document is the second progress report with implementing the network. Implementation is being coordinated by the TEIN2 NOC, working in conjunction with TEIN3 partners and connectivity providers (including providers contracted by DANTE, and capacity being arranged by other partners).

This is the 3rd and final implementation progress report as the work is completing.

PROJECT PLAN

The latest version of the project plan as Annex 2. The completion dates of activities underway or not yet started are based on best available estimates in conjunction with connectivity providers

COMMENTARY ON PROJECT PLAN PROGRESS

Points 1 – 6 are the steps outlined in TEIN-08-106. Status comments are given beneath each. Changes from the first progress report are marked in **blue font**

1. Complete evaluation of supplier offers based on a Beijing, Hong Kong and Singapore-Global Switch configuration: October 2008

Status: Completed.

2. Contract Global Switch colo space: November 2008

Status: Completed. 2 racks are ready in Global Switch 5th floor. During this period we have also reconfirmed the current colo space in Mega-I, Hong Kong, after our provider raised the possibility of it being re-located.

3. Award contracts for all TEIN3 tendered circuits. This will be initiated as soon as possible, with the exception of BJ – EU 2.5 Gbps link which is deferred pending CERNET funding issues.

Status:

- Hanoi – Hong Kong 155 Mbps – contracted, **delivered and accepted, brought into productive status on 10 Mar**
- Bandung – Hong Kong 155 Mbps – contracted, delivered and accepted, brought into productive status on 19 Feb
- Kuala Lumpur – Singapore 155 Mbps – contracted, delivered and accepted, brought into productive status on 23 Feb
- Singapore – London 2.5 Gbps – contracted, **delivered and accepted, brought into productive status on 11 Mar**

- Perth – TEIN3 capacity – 2x STM1 contracted (existing links, to be re-homed to new AARNet PoP in Global Switch), 1 x STM4 contracted and being provisioned, target 30 April
- Beijing to Europe – CERNET is funding the existing link while re-tendering for the capacity

4. Deploy new TEIN3 routers for Hong Kong and Singapore-Global Switch: November/December 2008

The TEIN2 HK and TEIN3 HK routers have been inter-connected. The new SG router has been installed, and the TEIN2 SG and TEIN3 SG routers have been inter-connected (SingAREN assistance appreciated).

5. Prepare and migrate TEIN2/3 tendered circuits and support partner circuit migrations – Q1 2009

Status of partner circuits:

- NIA HK-KR & HK-SG STM16 circuits: delivered and in service
- NICT SG-NICT and SG-TH GE circuits: delivered and in service.
- NII HK-JP and SG-JP STM4 circuits: delivered and in service.
- SingAREN SG-SG GE circuit: Migration to TEIN3 SG PoP was completed.
- CERNET BJ-HK GE circuit: Migration to TEIN3 PoP was completed.
- HARNET HK-HK FE circuit: Migration to TEIN3 PoP was completed.
- NICT HK-NICT GE circuit: Migration to TEIN3 PoP was completed.

Also:

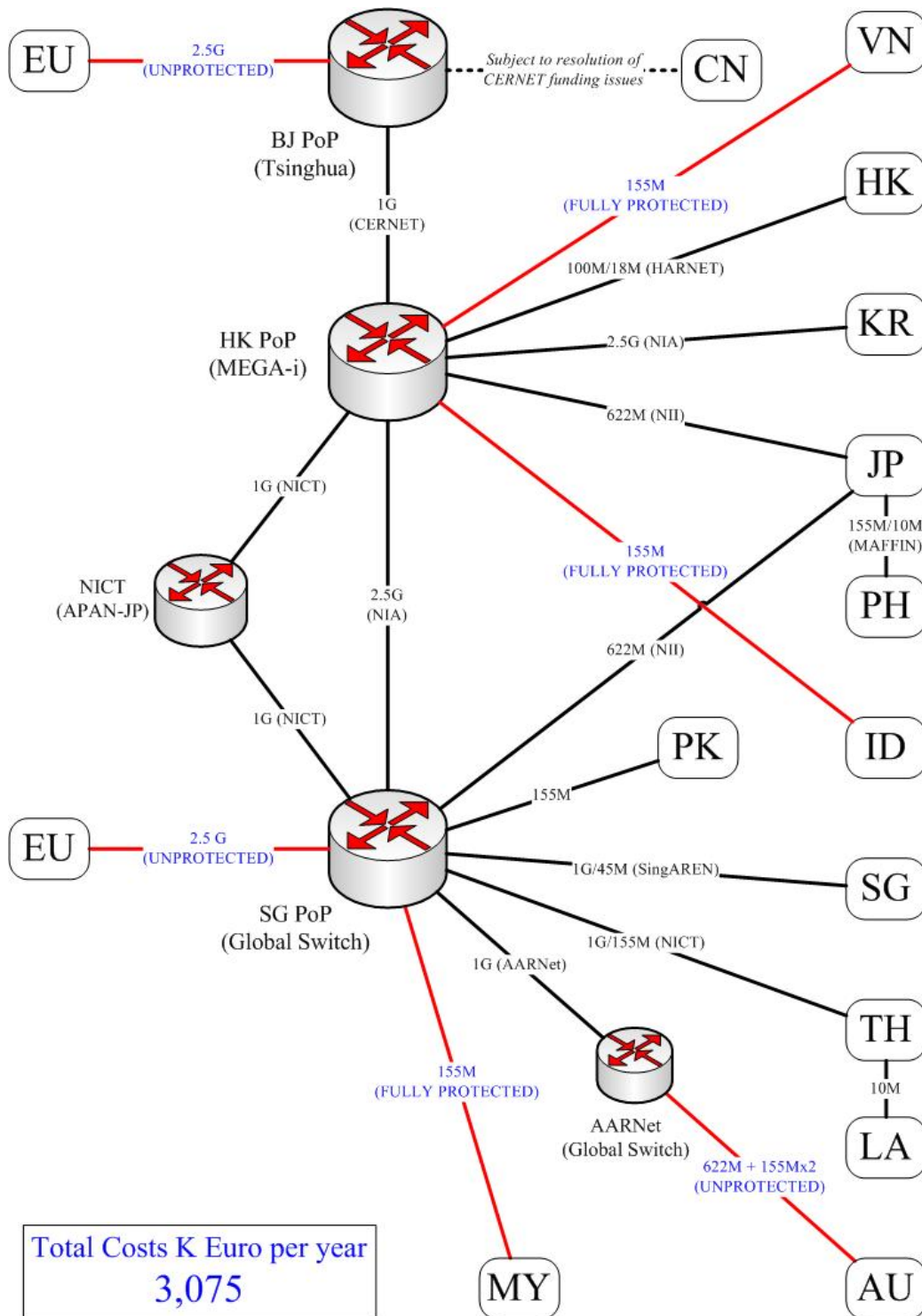
- PERN/NSF 155 MBps: Migration to TEIN3 PoP was completed.
- AARNet SG-AU GE circuit: planned to be completed on 30 Apr, after the migration of AARNet SG PoP from Kim Chuan to Global Switch.

As new circuits become operational, existing TEIN2 contracted circuits are being ceased and, plans are being prepared to close the TEIN2 SG Kim Chuan PoP.

6. New TEIN3 network fully deployed: April 2009

Status: Overall implementation remains on track.

ANNEX 1 TEIN3 Network Topology



Costed circuits shown in red

All options includes 50% of cost of Beijing – EU 2.5 Gbps link, with the remainder borne by Project ORIENT (EC/China)

