Trans Eurasia Information Network (TEIN):
Research and Education Networking e-Infrastructure for Asia
TEIN-08-101

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SEACOOP

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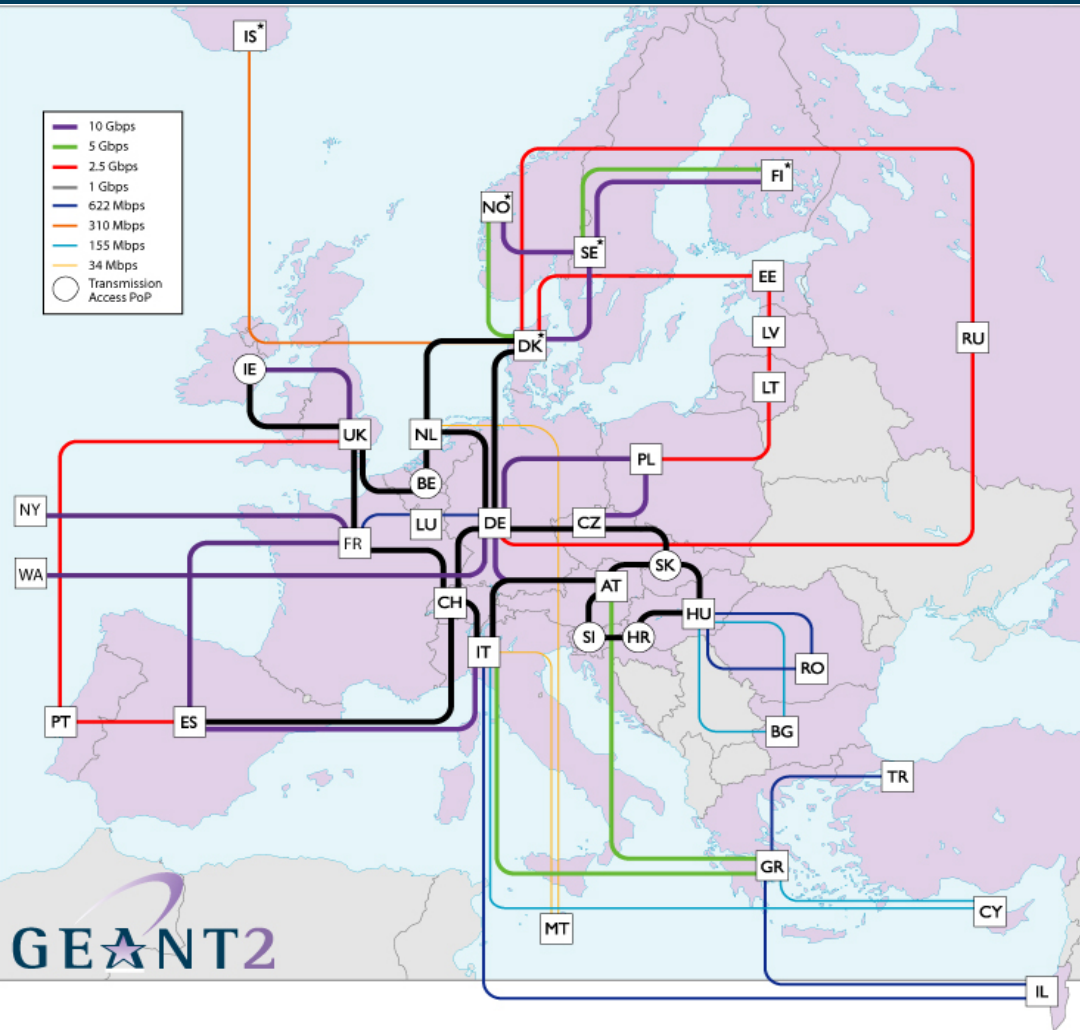# Who are we?
Delivery of Advanced Network Technology to Europe Ltd

- A Not for Profit Limited Company, UK-registered

- Our shareholders are Europe's National Research and Education Networks (NRENs)

- We build and operate pan-Europe GÉANT2 serving >30M users on 34 NREN national networks

- We also manage R&E regional networks outside Europe:
  - North Africa and Middle East (EUMEDCONNECT)
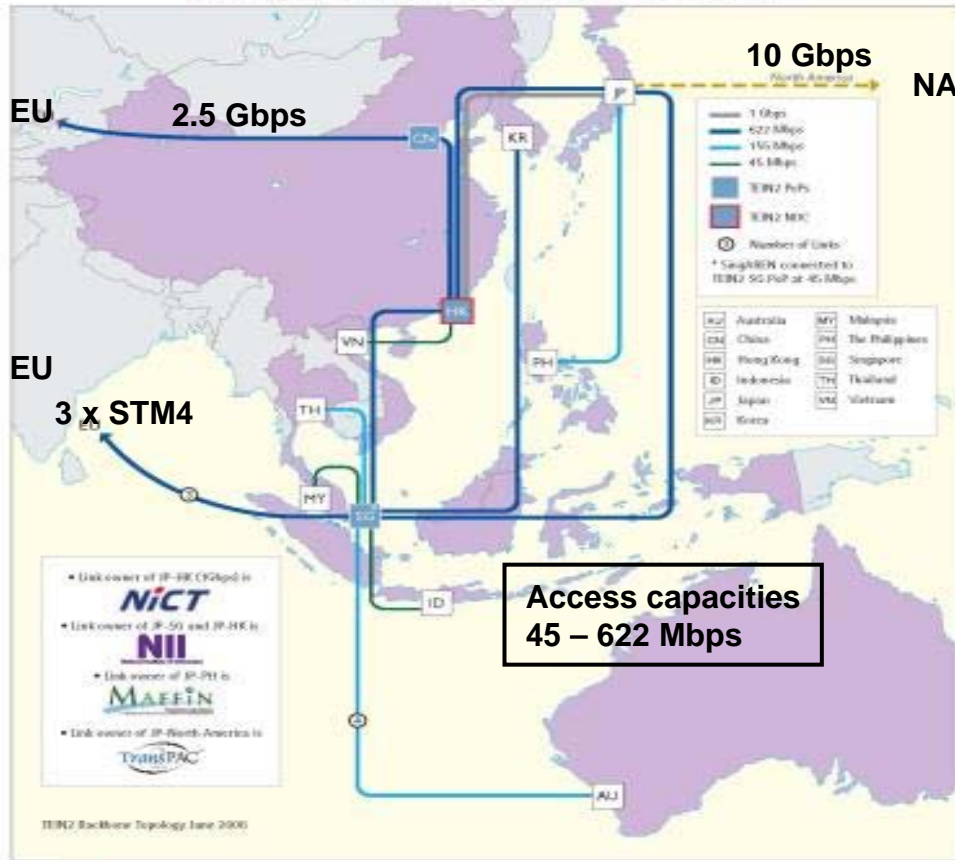 - Latin America (ALICE)
  - **Asia (TEIN2, becoming TEIN3)**

GEANT2 Pan-European R&E Network

- Connects over 3,500 universities and research centres

- Links via the National research and education Network in each country

- Co-funded by EC and the NRENs, operated by DANTE

- See www.geant2.net/

TEIN2
Regional Connectivity for Asia–Pacific Research and Education
Linking Asia-Pacific to Europe and beyond

International Research Networking

- **First Asian regional R&E network**
- **Operational since Jan 2006,**
- **connecting:**
  - **30M researchers and students**
  - **4000 institutions**
  - **10 countries**
- **Users connect via NRENs**
- **Provides high capacity/quality international connectivity**
- **Co-funded by EC and NRENs**

TEIN2 Partner Countries/representatives

Asia Pacific Partners:

Australia (AARNet)
China (CERNET)
Indonesia (ITB)
Japan (MAFFIN, NICT, NII)
Korea (NIA)
Lao (LERNET)
Malaysia (MDC)
Philippines (ASTI)
Singapore (SingAREN)
Thailand (ThaiREN)
Vietnam (MOST)

Europe Representatives:

France (RENATER)
Netherlands (SURFnet)
UK (UKERNA)
DANTE

Also supported by:

TRANSPAC2
Juniper Networks

See www.tein2.net/

High Performance Applications

eVLBI 28 Aug 2007

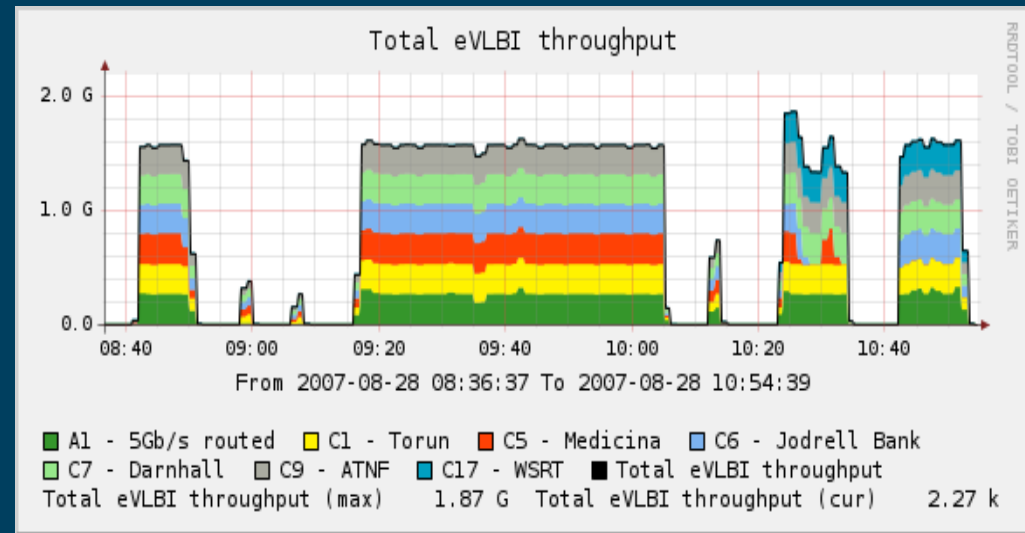Excellent inter-domain networking performance across

CSTNET + CERNET+ TEIN2 + ORIENT + GEANT2 + SURFNet + AARNet

Migrating to new 'TEIN3' network

- EC funding committed to end 2011
- Planning to extend coverage to Cambodia and South Asia during 2009
- Further support for application development
- Transfer TEIN3 programme to Asian ownership

TEIN3

DANTE

Using TEIN2/3

- Users connect via NREN

- For non-commercial usage (NRENs' Acceptable Use Policies apply)

- NREN connection terms apply: no TEIN2 usage charges

- EU/Asia collaborative programmes encouraged to use TEIN2/3 and GEANT2 R&E networks – excellent e-infrastructure support for FP7 projects

- Interested users should contact their national NREN for more details

- DANTE interested to learn of projects using TEIN2

Thanks for your attention!

David West

TEIN2/3 Project Manager

DANTE

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www.tein2.net/