



Some R&D through Internet in Thailand

Royal CHITRADON

National Electronics and Computer Technology Center

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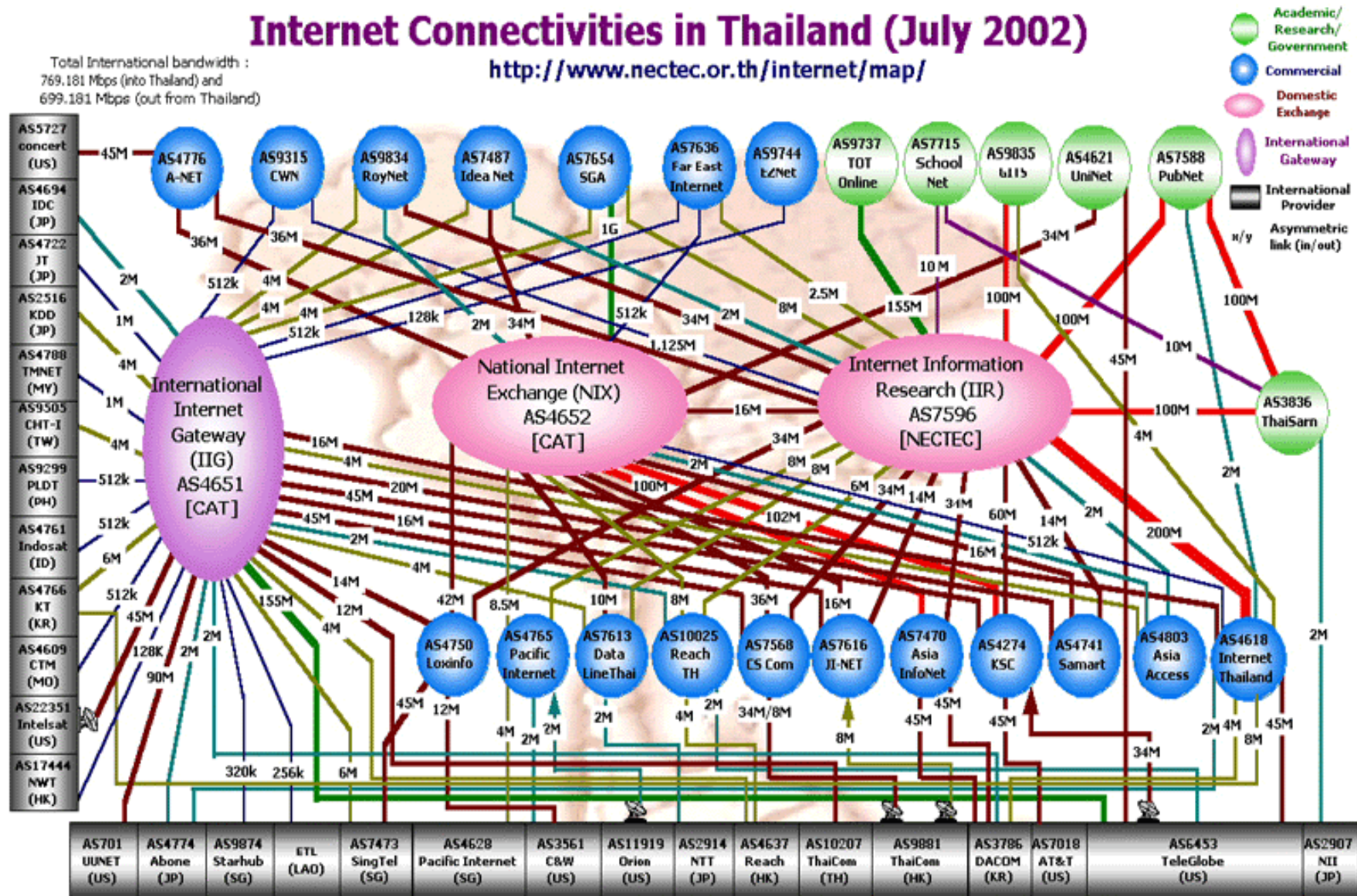
Thailand Internet Connection

- Commercial Network
 - ISPs,
- Government Network
 - Glnet,
- Academic Network
 - Uninet and Ednet
- Research Network
 - ThaiSarn: research in High Speed Network and Applications
- Lacking of applications and contents

Internet Connectivities in Thailand (July 2002)

<http://www.nectec.or.th/internet/map/>

Total International bandwidth :
769.181 Mbps (into Thailand) and
699.181 Mbps (out from Thailand)



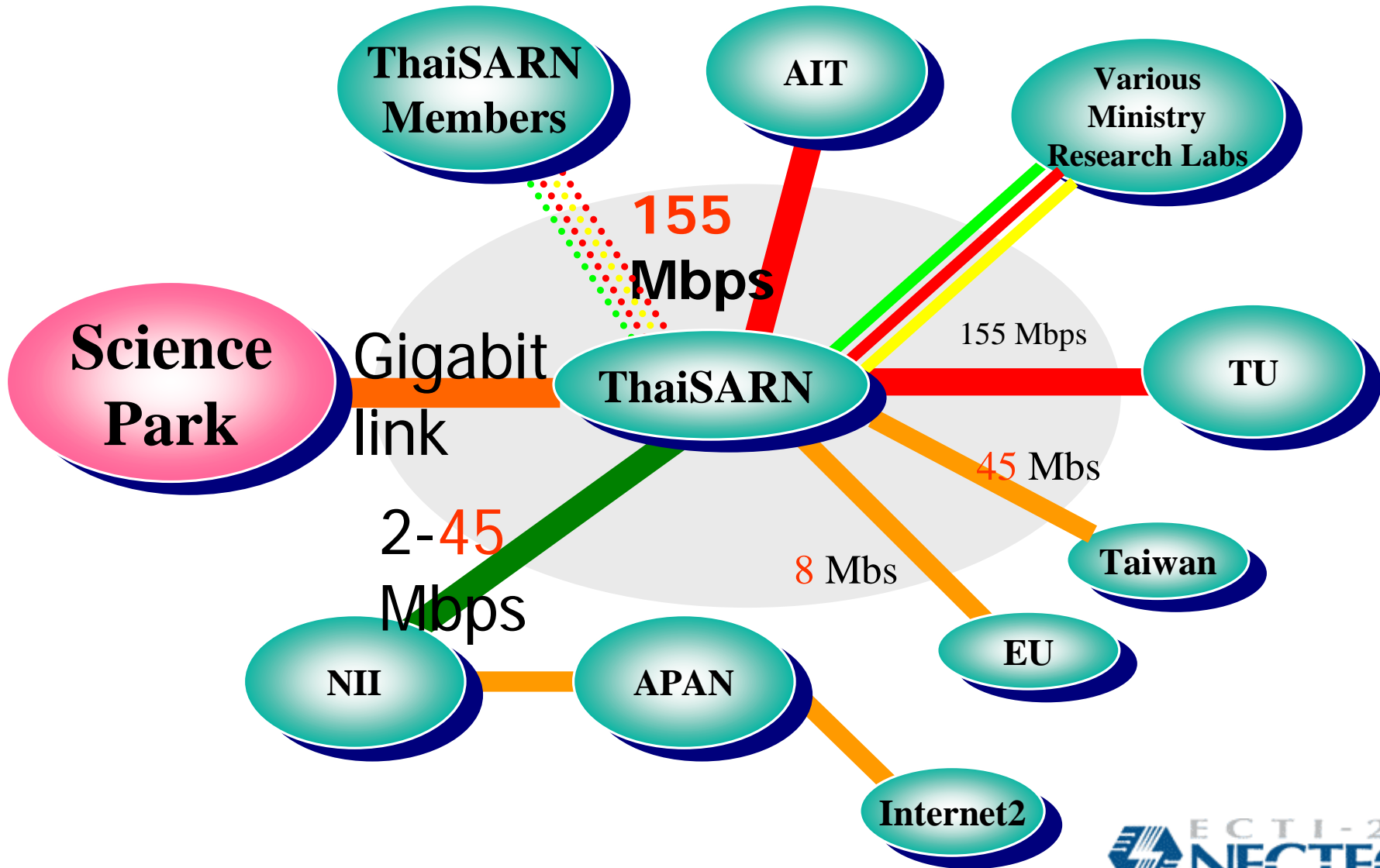
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Chart Date: 2002-07-01

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Thaisarn III Network



Internet Backbone in Thailand

- Optical Fiber: Land line and submarine cable
- SDH
- Satellite
- Wireless Internet: GPRS,
- xDSL
- Lacking of high speed at the last mile

Application Development and Content Distribution

■ No Single Application

- Growth of internet usage is high
- Each of existing application does not need high speed network
- There is **no single application** that would need high speed network

■ No Regional Shared Content

- Lacking of collaboration in content development,

■ Development of Broadband Needs

- Collaborative Working, Common Data Development, Applications on those datae,

Application and Content Development Strategy

- Application for Regional Competitiveness
 - Regional Productivity : Supply Chain, Clustering,
 - Natural Resource Data : Satellite Image, Weather, Environment, Deforestation,
- Application for Capacity Building
 - eLearning, Life long learning,
- Application for Cultural Archive
 - National Heritage Archive,
- R&D Collaboration
 - BioInformatics, Spatial Data,

References

- www.nectec.or.th/internet/ - Thailand Internet Statistics and Status
- www.thaisarn.net.th - Thai Social/Scientific, Academic and Research Network
- www.th.apan.net - Thailand APAN web site
- www.school.net.th - Thailand School Network
- www.uni.net.th - Thai Universities Network

Thank you