



ThaiREN

(Thailand Research Education Network)

www.thairen.net.th

www.uni.net.th

noc@uni.net.th

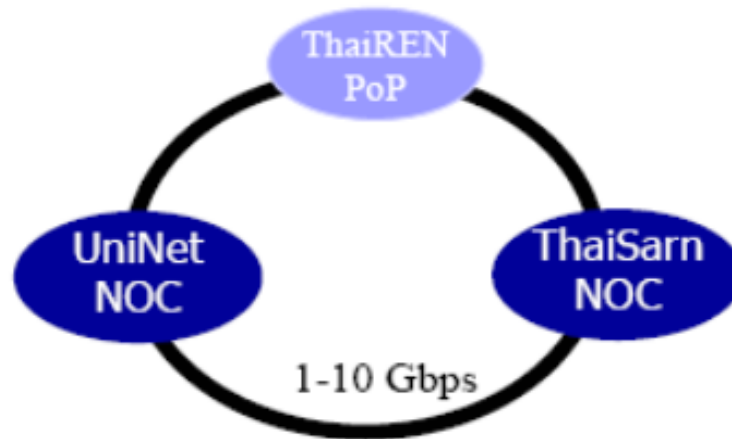
Office of Information Technology Administration for Educational
Development, The Office of the Higher Education Commission
328 Si Ayutthaya Road, Ratchathewi, Bangkok Thailand 10400

About ThaiREN

▶ Collaboration

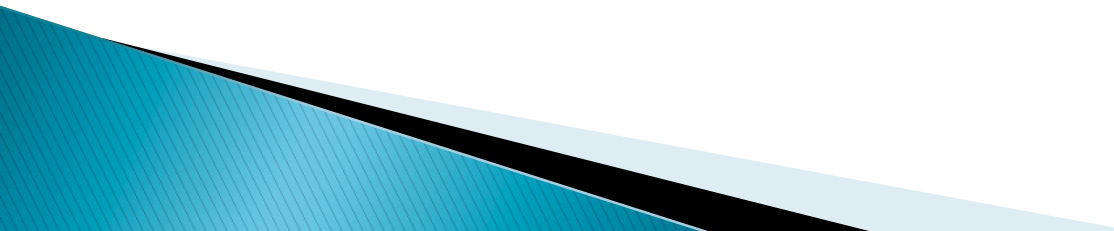
- UniNet : Established by Commission on Higher Education
Ministry of Education for universities
- ThaiSARN : Established by NECTEC, Ministry of Science
and Technology) for research institutes

ThaiREN



- ThaiREN is established to coordinate among research and education networks in Thailand as well as collaborate with international R&E networks, projects and activities.

Objectives

- ▶ Promote and support distribution of research education network in Thailand
 - ▶ Created Collaboration of R & D communication network
 - ▶ Created Collaboration of Advanced Internet Technologies
 - ▶ Other areas in Information and Communication Technologies
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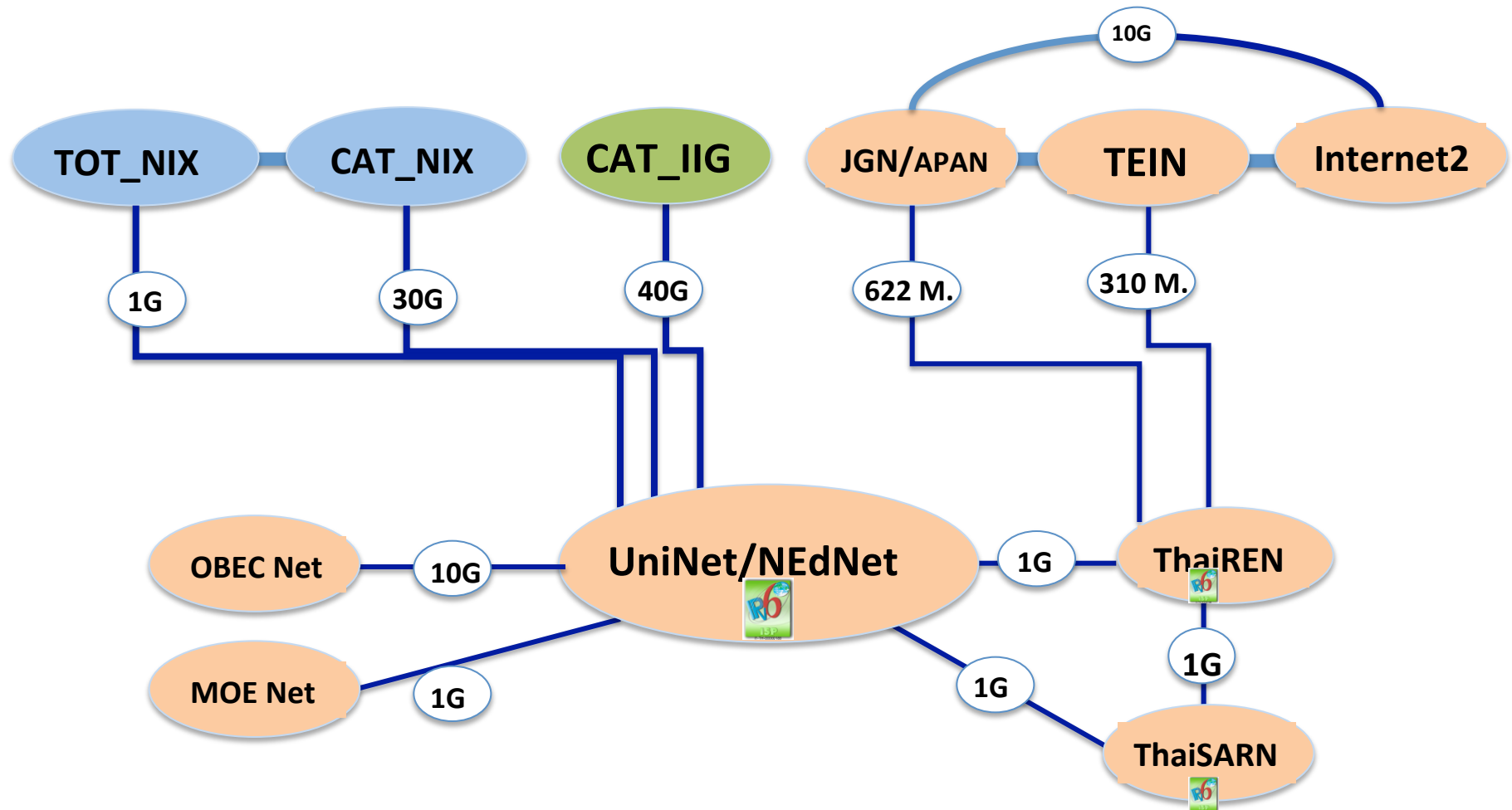
About UniNet

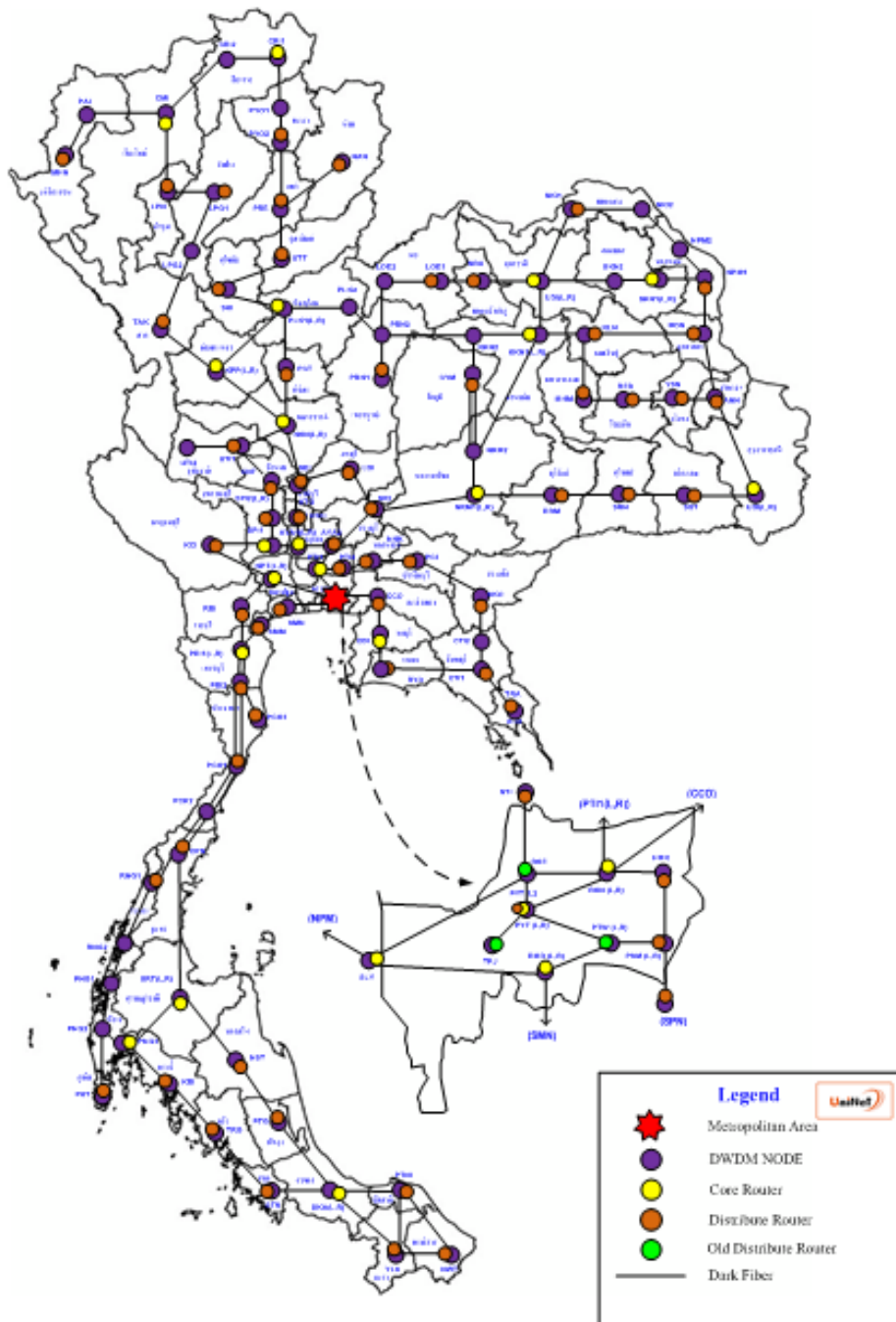
- UniNet is the largest internet provider for Thai educational institute.
- Established in 1996 as a part of Ministry of University Affairs
- Now is under Ministry of Education

► Objectives

- Internet access for education network in Thailand
- To connect and enhance 3 Education Networks
 - 1. MOE Net (Primary, Secondary Schools)
 - 2. VEC Net (Vocational Education Network)
 - 3. UniNet (University Network)
- Facilitate IT campus for Distance Learning
- The network fiber optic link cover 50,000 KM from core network link node region and distributed.

Peering Network MAP





NEdNet Backbone (UniNet2)

NEdNet Backbone Topology

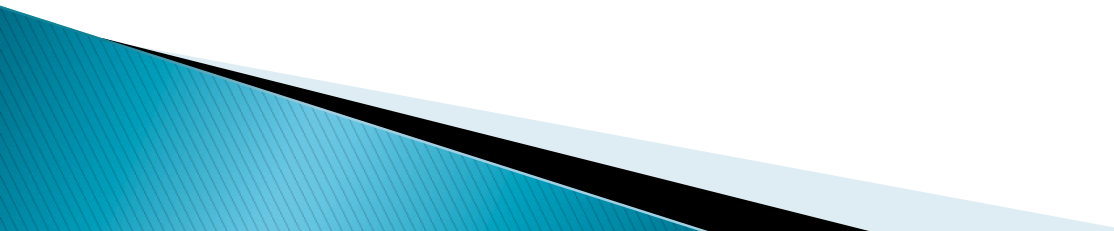
“All POP IPv6”



Member of UniNet/NEdNet (2009-2014)

Members	Number of Member
Universities/Institutes	194
Vocational Education	415
Educational Service Area	185
Basic Education (schools)	9,749
Municipality Public Library	151
Research and other Education	51
Total	10,745

ThaiREN/UniNet is the infrastructure for National Research Projects

- Distance Learning (VCS/DVTS)
 - National e-Science Project
 - Tele-medicine projects
 - Data Transportation for THEOS of GISTDA
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Thank you