CamREN and TEIN for Research & Education

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Agenda

- ITC at a glance
- CamREN and the Scientists
- Extend the connection to the TEIN
- ASEAN Cyber University (E-learning)
- Perspectives

ITC at a glance

8 Engineering programs connected to the NOC

- Civil engineering
- Food engineering
- Electrical engineering
- Computer science
- Mechanical engineering
- Rural engineering
- Architecture
- Geo-Resources &
  Geo-Technical engineering

CamREN and the scientists

- Research is a strategic activity at ITC
  - Negotiating with the researchers
  - International collaboration

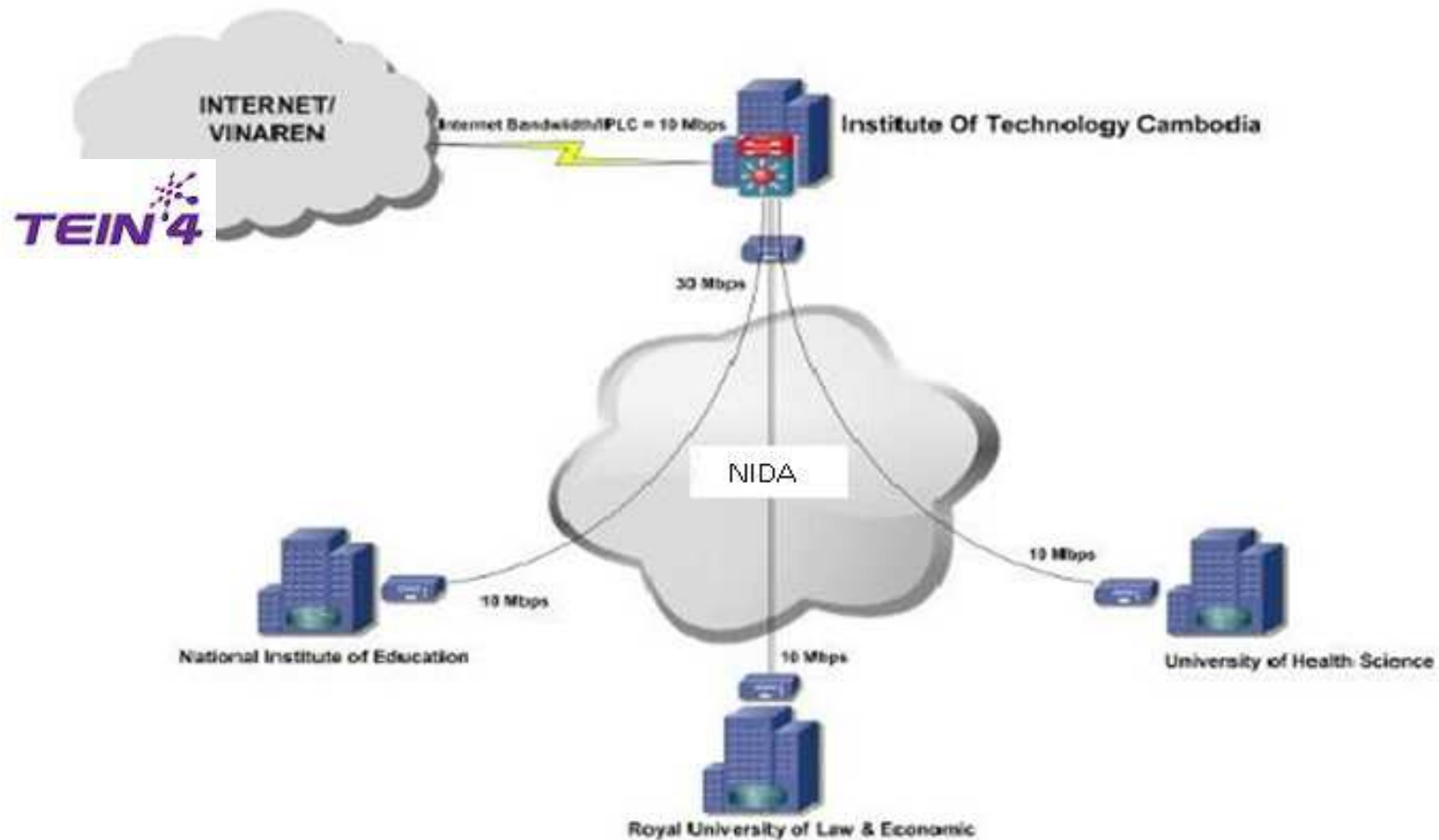Local problem,

Local solutions

Research

- The Backbone installation in February
- New members
  - Institute of Technology of Cambodia (ITC)
  - University of Cambodia (UC)
  - Royal University of Law and Economics (RULE)
  - National Institute of Education (NIE)

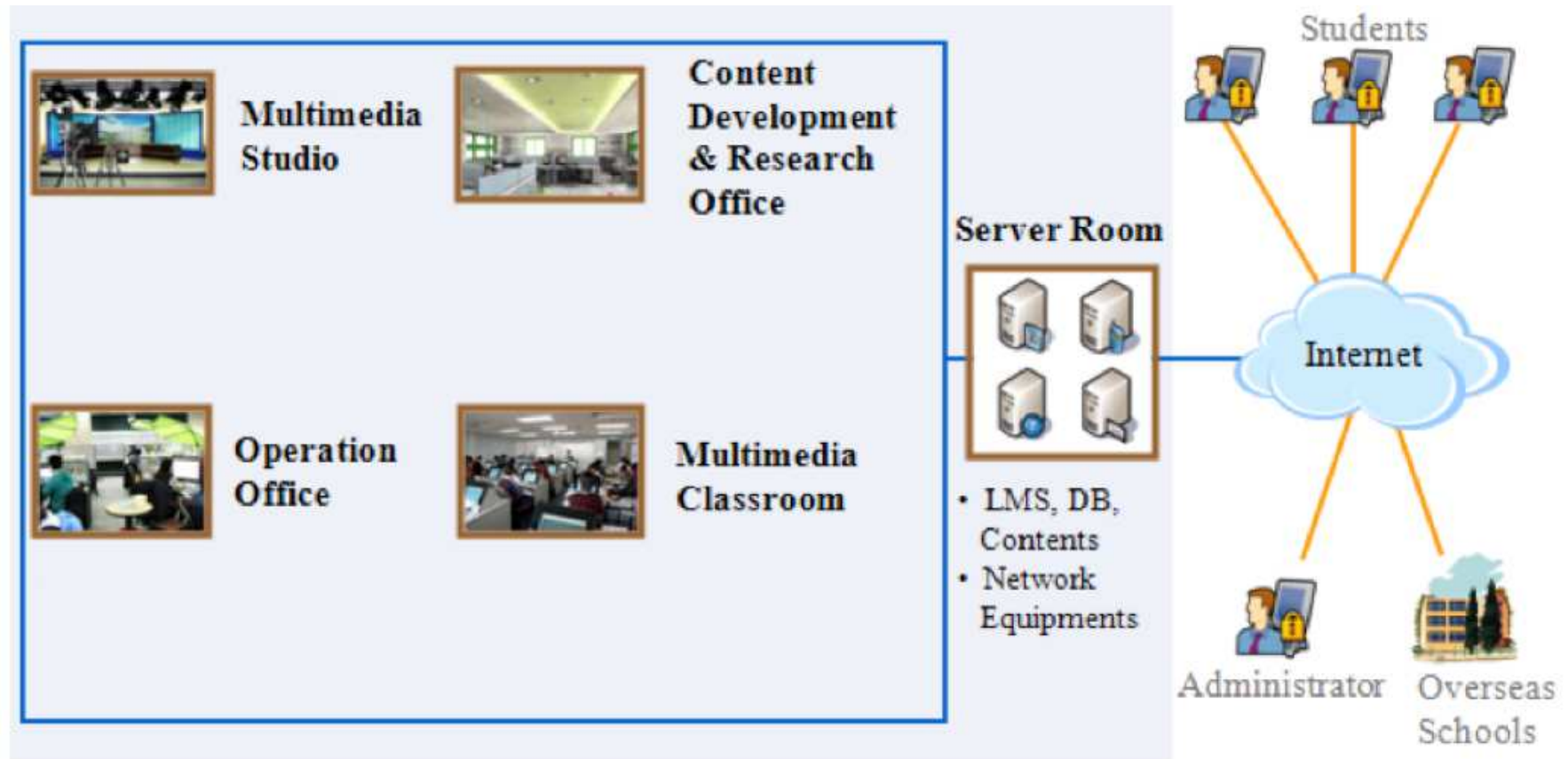Cambodia Research Education Network (CAMREN) – Proposed Diagram

International and Local Links - Universities
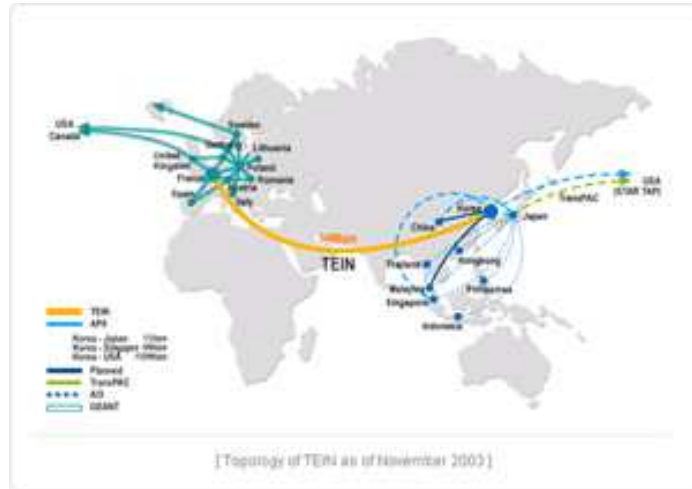
E-learning at ITC

- ASEAN Cyber University
  - 5 Online Courses was done by ICT department
  - 7 online courses in now developing in RURAL Engineering and Civil Engineering department

E-Learning Center at ITC

TEIN

Trans-Eurasia Information Network

[Topology of TEIN as of November 2003]

Applications:
- **E-learning** ✔
- Tele-medicine
- Disaster warning and crisis support
- Crop research
- Socio-Economic Sciences
- **Digital library** ✔
- **Visio conference** ✔

Perspectives

- Exchange the resources between our new members
  - The installation of the cable with be done in February
  - Help our new members to build their own data center
  - Technical network infrastructure (NOC) and HR

Thank you!

Activities from e-Learning Center