

Cambodian Research & Education Network

# Annual Report Activities

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# Introduction

- ✓ CamREN was created at the beginning of TEIN3 leaded by Ministry of Education Youth and Sport of Cambodia.
- ✓ Institute of Technology of Cambodia(ITC) is the Network Operation Center (NOC).
- ✓ 10Mbps of link to Hong kong Hub center via Vietnam (VinaREN).

# Current status

- ✓ Fiber link just re-connected from the NOC to the oversea through the local provider.
- ✓ Waiting for the network troubleshooting from VinaREN.
- ✓ 3 local providers are agreed to serve us the domestic link
- ✓ First biggest Research Center is connected to the NOC.

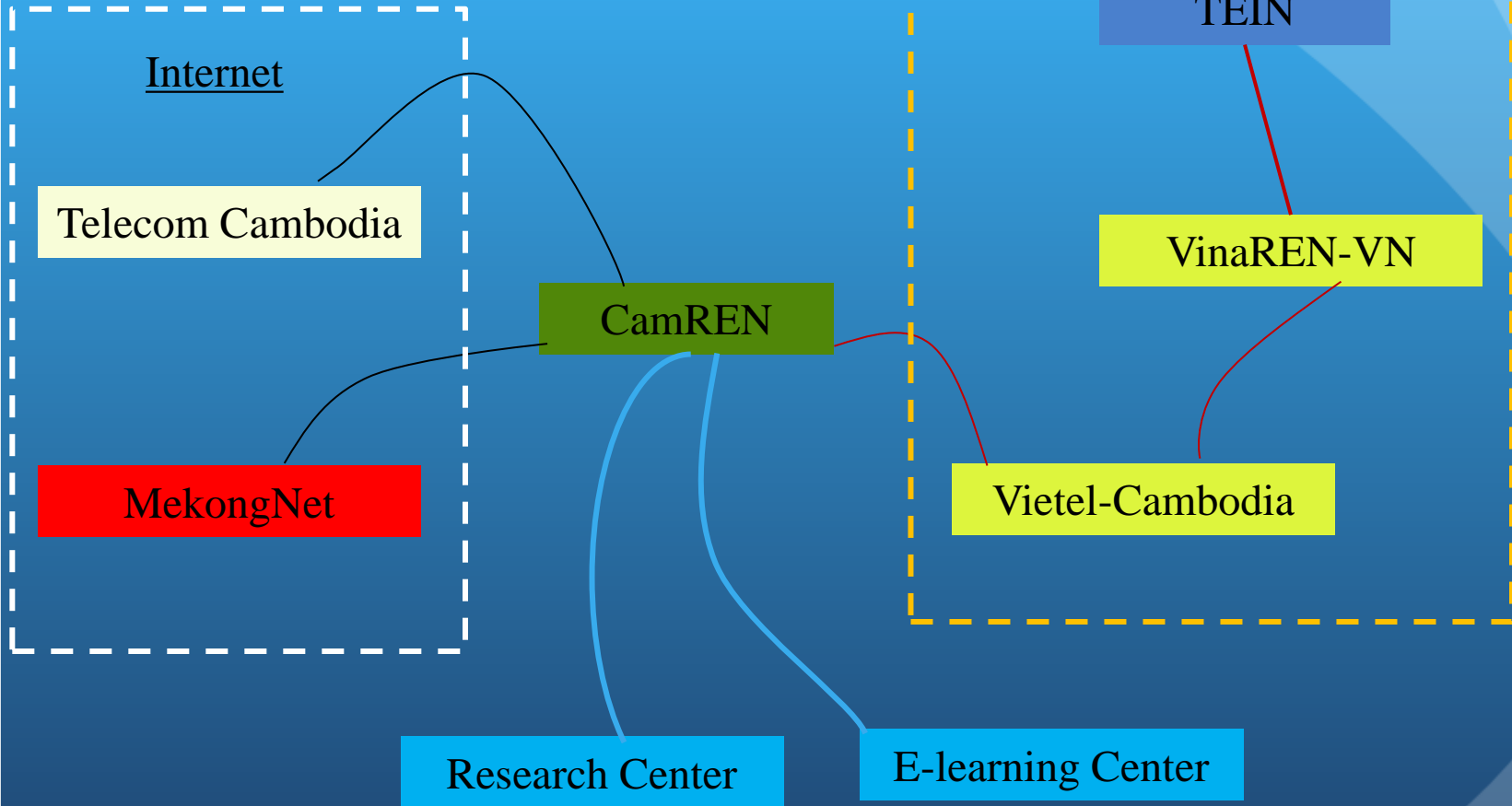
# Activities of the year

- ✓ Most public and private universities was invited 2 months ago to join a workshop in ITC to see the evidences of increasing research activities by using the high-speed of the online application such as e-learning service, video conferencing, Telemedecine...
- ✓ University of health & science of Cambodia (UHSC) and National University of Management (NUM) applied to be our member, just wait for the installation.

# Activities of the year

- ✓ First event of the E-culture was success between Cambodia and Japan last month on “ Global Society and Culture exchange” about 50 participants including the local participants and oversea remote students.
- ✓ School of Internet of Japanese expected to give us some global IP and AS number the end of this month.

# Network Map



# Services and applications

- **Cloud System**
- **E-learning / Cyber University**
- **Server farm**
- **Network monitoring (NetDot, Smokeping, Nagios, Cacti, perfsonar.)**



# Conclusion

- ✓ Building and improving the infrastructure
- ✓ Establishing human network
- ✓ Building the human capacity
- ✓ Improving the curriculum
- ✓ Applications

# Thank You !

