



ASEAN IVO 2020

Cambodia NerveNet Final Report

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Project Duration : 3 Years,

Project Budget: USD90,000.00 (Ninety Thousand US Dollars)



Cambodia NerveNet Field Testing



Skun District, Kampong Cham (Cheurng Prey TeleCenter)

- General Dep. Of ICT
- Telecom Cambodia (TC)
- Telecommunication Regulator Cambodia (TRC)
- Smart

Kampong Leng District, Kampong Chhnang

- 6 Schools were Selected
- Data Centralization at NIPTICT
- NerveNet Base System run on the top of Rasberry Pi 3
- Distance learning application
- 8Mbps of Internet supported by Metfone

Phreh Sdach District, Prey Veng Province

To give proof of NerveNet Base System Performance

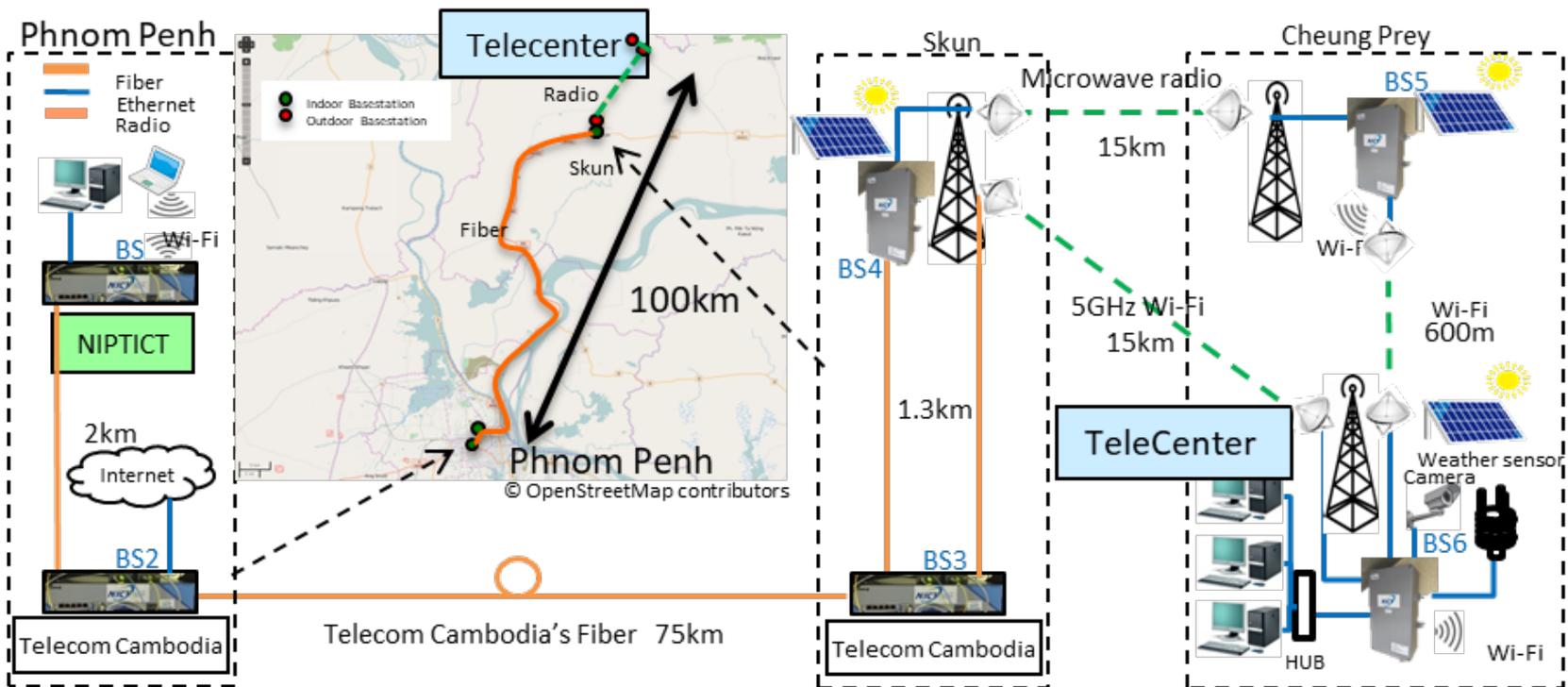
- Quiz chart development
- Test Management system Development

Cambodia Education Assistance Fund (CEAF)

I. Project Summary

Since 2016

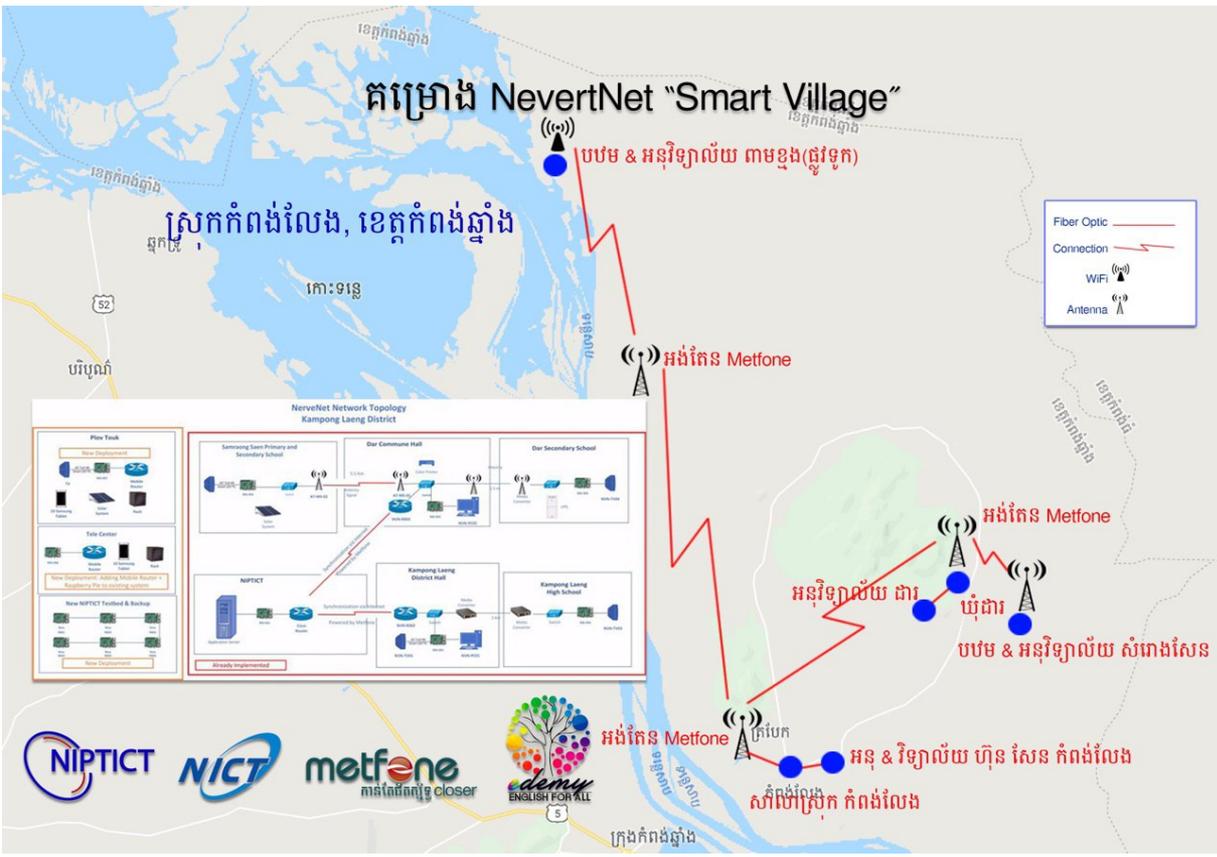
- Optical cable, microwave radio frequency, and Wi-Fi
- Solar-powered support Media converter and NerveNet base system
- 8Mbps of Internet have been provided with digital education content to TeleCenter
- Voice and video communication have been streamed at TeleCenter.



I. Project Summary

2018-2019

1. Kampong Cham
 - Cheurng Prey TeleCenter
2. Kampong Chhnang
 - Kampong Leng District
 - Kampong Leng High School
 - Dar Secondary School
 - Dar Commune hall
 - Samrong Sen Secondary School
 - Plov Touk Secondary School
3. Prey Veng,
 - Cambodia Japan friendship high school
 - Chea Sim Rakchey High School
 - Brotheat High School
 - Bontey Charkey Secondary School
 - Hun Sen Takork High School
 - Bromou Prom High School



Applications

- Kids are able to study English, Math, Physic and so on through e-learning system.
- Local government officials learn about the information regarding public services information.
- Farmers are expected to benefits from the agricultural content and are able to share that knowledge within their community.

Education Content



គម្រោងភូមិឆ្លាតវៃ (ណេវីណេត)



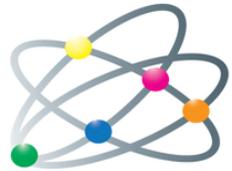
NeverNet Smart Village Project



Edemy

Web Application

ជាកម្មវិធីសម្រាប់ធ្វើការសិក្សា មុខវិជ្ជាផ្សេងៗដូចជា អង់គ្លេស គណិតវិទ្យា រូបវិទ្យា តាមរយៈវីដេអូសិក្សា។



NerveNet

Smart Village

Web Application

ជាកម្មវិធីសម្រាប់ ផ្តល់ជូននៅចំនេះដឹងផ្សេងៗទាក់ទងនឹង វិស័យសាធារណៈ កសិកម្ម សុខាភិបាល តាមរយៈឯកសារមេរៀន វីដេអូបង្រៀន។

Education Content



ទំព័រដើម កសិកម្ម សុខាភិបាល អប់រំ ស្វែងរក

សុខាភិបាល >

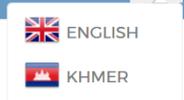


ជាច្រើនទៀត...

កសិកម្ម >



Education Content



-  ENGLISH
-  KHMER

 English	General English Course EDEMY Team 2016-10-25 06:55:49
 គណិតវិទ្យា	Khmer Math, how to understand trigonometry by Te Laline Part 1 administrator user 2018-09-03 05:07:42
 រូបវិទ្យា	
 គីមីវិទ្យា	

Developed by Edemy in partner with NIPTICT



Local Government Officials



Secondary School Students



Secondary School



Basic Computer Course

NerveNet Base system is one of resilient system. It provide mesh network topology in L2VPN with data distribution and synchronization.

The network topology can be scaled from small to wide area by utilizing diversities of communication network connectivity and L2VPN provides data communication security, stability and reliability.

Data distributed synchronization is delicate framework and has high capability to protect database, content application platform from hacking and any destruction by any means.

NerveNet operating system is all-in-one, no complication, and easy to customize/make it suitable for many projects in main topics such as natural disaster awareness, urban and rural education, agricultural research and analysis etc.

Cambodia is a developing country and many schools in rural area are lack of electricity and teachers so distance learning is under government consideration.

Using the NerveNet base system is one of the many good options to launch to support distance education to this rural schools.





Thank You