TEMDEC Training Program

2 Weeks Training
At
Telemedicine Development Center for Asia
(TEMDEC)

From August 2,2017 to September 1,2017

Joffman Allan G. Ongkeko
Network Specialist
ST. LUKE'S MEDICAL CENTER

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St. Luke's Medical Center Inc. maintains two hospitals, one in Quezon City and another at the Bonifacio Global City in Taguig. SLMC is based in the Quezon City Hospital while the Taguig hospital is a wholly owned corporation of the Quezon City-based SLMC.

St. Luke's Medical Center IT Group

For telemedicine meetings we have 4 engineer's which are responsible for setup, testing and support.

For QC – Joffman Ongkeko and Roni Estacio

For GC – Bryan Gatan and Vince Pajarillo

2 Engineers in total per site.

Devices For Video Conferences

Polycom HDX 7000 Series
1 Unit in SLMC GC
1 Unit in SLMC QC

Devices For Video Conferences

Lifesize Icon 600
1 Unit in SLMC QC
1 Unit int SLMC GC

Lifesize UVC Multipoint

-It is very similar to VIDYO

Devices For Video Conferences

Cisco Telepresence System Codec c60

2 units in SLMC QC

St. Luke's Medical Center Internet Connection

100 mbps connection to PLDT for SLMC GC(Commercial Internet)

100 mbps connection to Wifi City for SLMC QC(Commercial Internet)

100 mbps connection to DOST-ASTI PREGINET for SLMC QC

100 mbps connection to DOST-ASTI PREGINET for SLMC GC

TEMDEC Training for Engineers

- In this training we will be able to learn new concepts and further develop our skills specifically in developing telemedicine.

- We will also have the privilege to know more about how telemedicine events on how it flows from staff, doctors, engineers, coordinators and all.

- We can learn from the staff on how to prepare, setup, test, and troubleshoot during the conferences.

- We will also have a chance to experience on how to manage the MCU and Vidyo Gateway.
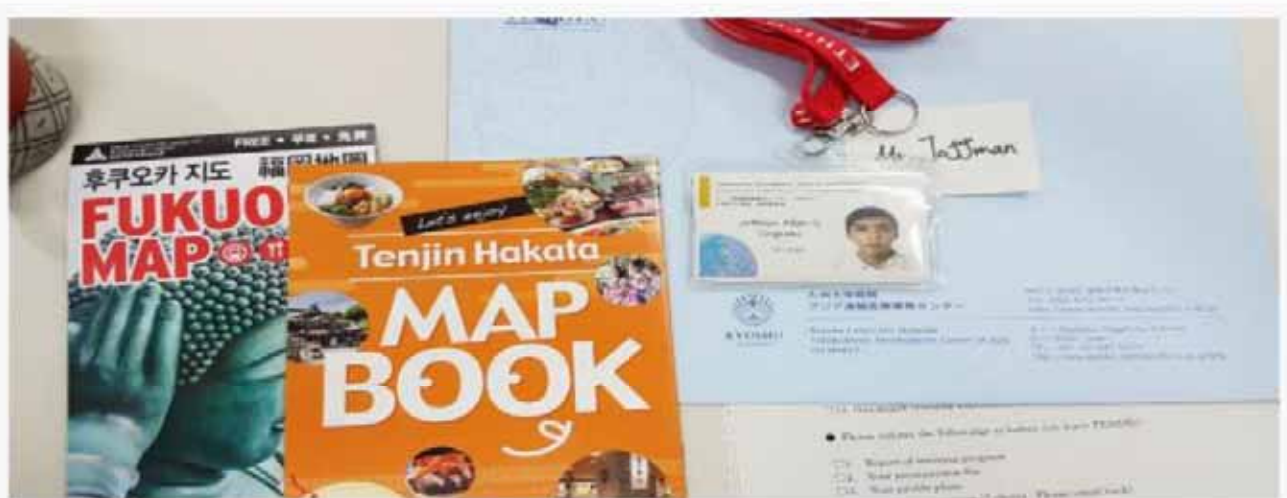
TEMDEC Devices And Systems

- DVTS (Digital Video Transport System)
- H.323 Video Conference System (Polycom, MCU, etc)
- H.264/SVC Vidyo Conferencing System
- High Definition Streaming Combined Remote conference system (HD-SCR)
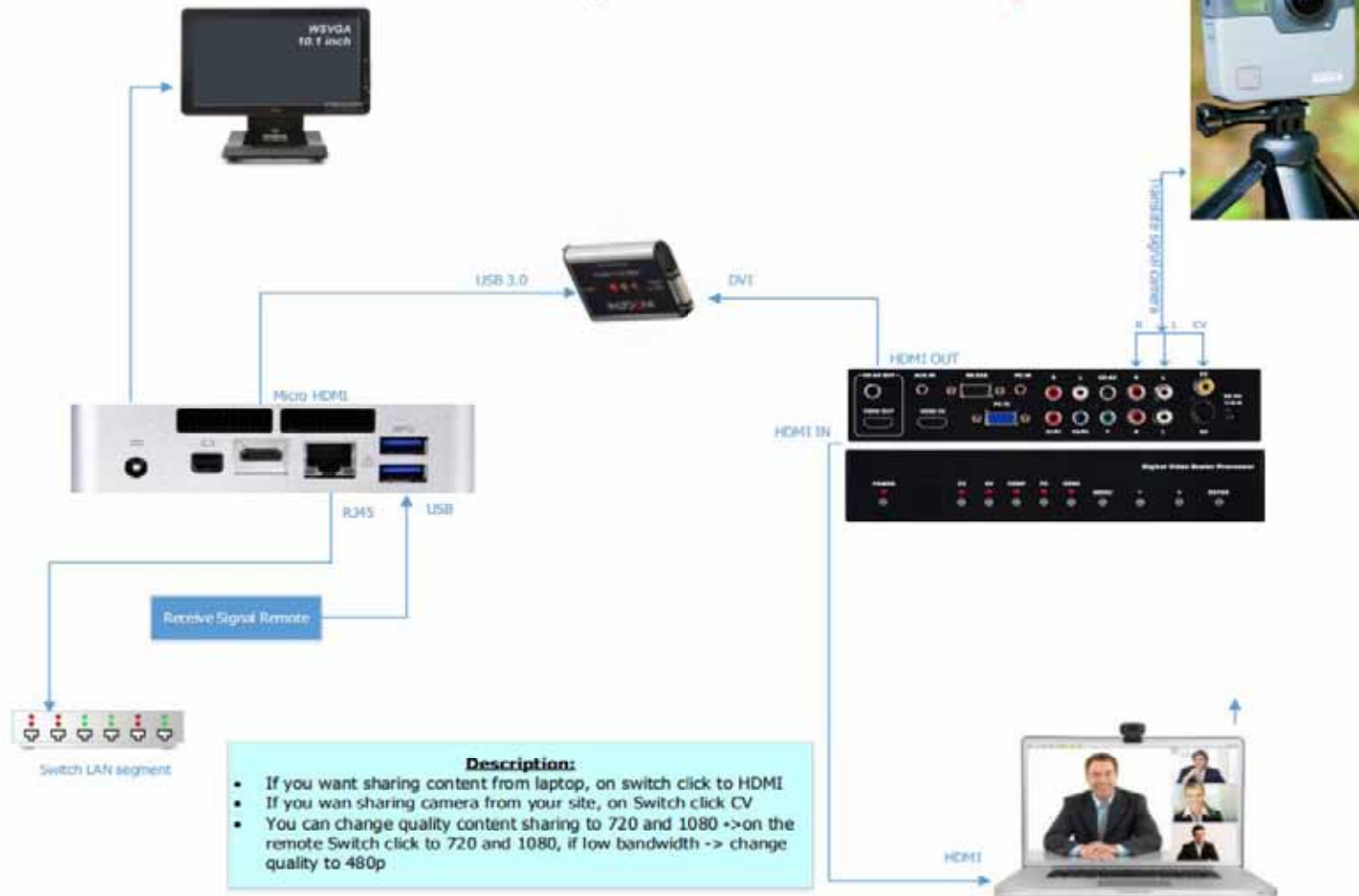
First day of Training

TEMDEC Conference Room

What I learned from TEMDEC

VIDYO CLIENT

This client has the capability to host 1 room.

It can also produce better quality image compare to a laptop.

VIDYO Client Diagram

VIDYO CLIENT SYSTEM, IF NOT YET ENCODER EQUIPMENT

WSVGA
10.1 inch

USB 3.0

DVI

Micro HDMI

HDMI OUT

HDMI IN

RJ45

USB

Receive Signal Remote

Switch LAN segment

HDMI

Description:
- If you want sharing content from laptop, on switch click to HDMI
- If you wan sharing camera from your site, on Switch click CV
- You can change quality content sharing to 720 and 1080 ->on the remote Switch click to 720 and 1080, if low bandwidth -> change quality to 480p

What I learned from TEMDEC

Shunta teaching us how to setup and manage the Vidyo Client

What I learned from TEMDEC

Kuriko teaching us about how vidyo application can adjust volumes

What I learned from TEMDEC

Kuriko teaching us about Telepointer Application how it can help during conferences

What I learned from TEMDEC

Testing network connections and audio with other hospitals

What I learned from TEMDEC

Supporting APAN 44 Conference

What I learned from TEMDEC

Supporting APAN 44 Conference

What I learned from TEMDEC

APAN 40 Engineers Workshop

Hospital Tour

Hospital Tour

Hospital Tour

Operation Room

Hospital Devices

ROBOTS

DISCOVERING FUKUOKA

NANZOIN TEMPLE

DISCOVERING FUKUOKA

Fukuoka Tower

DISCOVERING FUKUOKA
ROBOSQUARE

DISCOVERING FUKUOKA

HAKATA

What I will miss in Japan

CLASSMATES

What I will miss in Japan

TEMDEC STAFFS

What I will miss in Japan

What I will miss in Japan

CHEAP LUNCH

THANK YOU!