2020/05/11

These are the progress of the projects which I am currently focused on:

**Project [1]:** Quantum Safe WireGuard VPN

**Project Manager:** Dr. XuJia

**Project Description**: Integrate Dr.YiWen Gao’s Quantum Safe Key exchange algorithm in to the WireGuard VPN program to create a VPN system with Quantum Safe VPN Server(Linux), Client(Linux) and Mobile App(Android).

**Current Progress**: Server and Client parts are finished, and Moblie App was under development.

**Project [2]:** CSI OT Platform Enhancement

**Project Manager:** Dr. Shantanu Chakrabarty, Peter Goi Lim Ping

**Project Description**: Improve the SingTel-CSI OT platform and its HMI program. Implement different cyber security attack demos on the OT platform based on Dr. Shantanu’s research.

**Current Progress**:

1. Created the attack control web, new platform control HMI, new power generator control program.

2. Finished implement the “False data injection attack” and the “Black out attack”.

3. The substation control HMI and cyber attack demo for substation was under development.

**Project [3]:** Telepark-CIS assetssupport and maintenance

**Project Manager:**

**Project Description**: Help the team to fix the problem of accessing to the resources or setting up the experimentation environment on the servers. (Take over from LinXin) Working with Phyo and Shuwei to monitor the BDA server. (Take over from ChuJun)