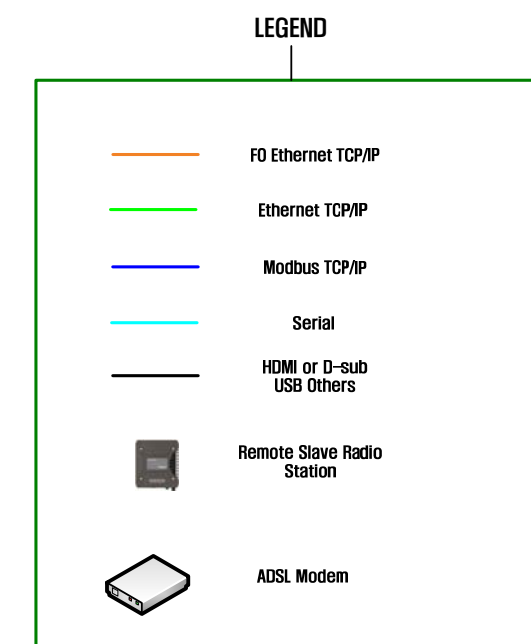
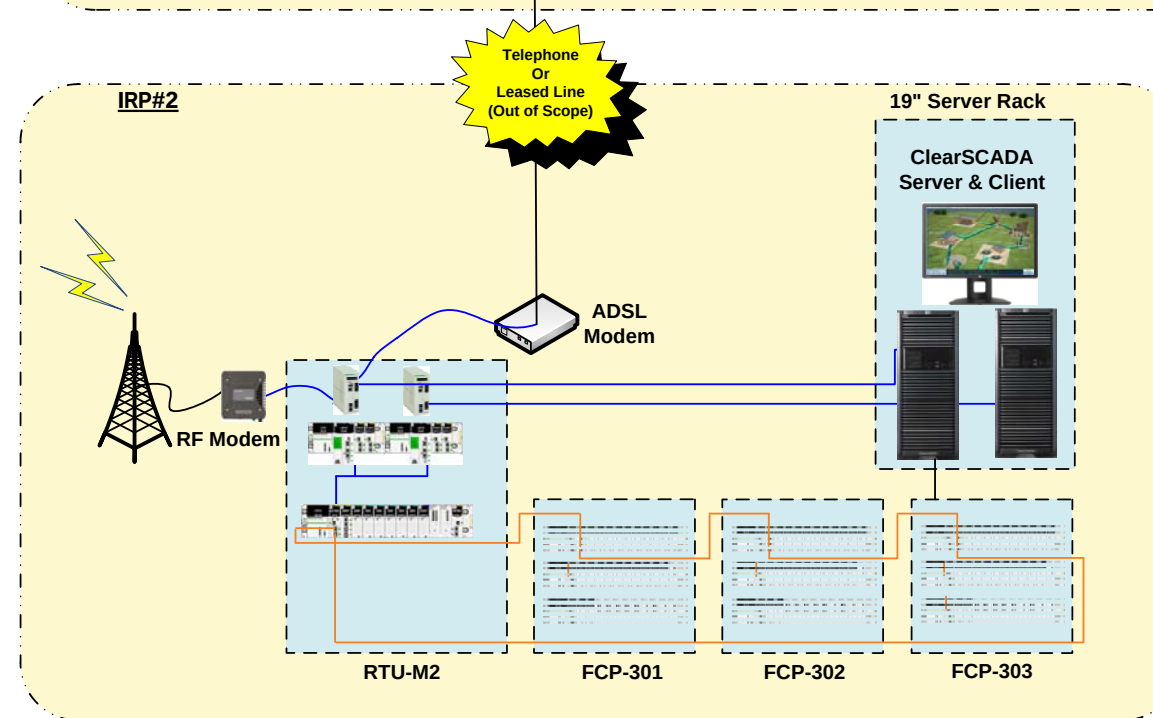
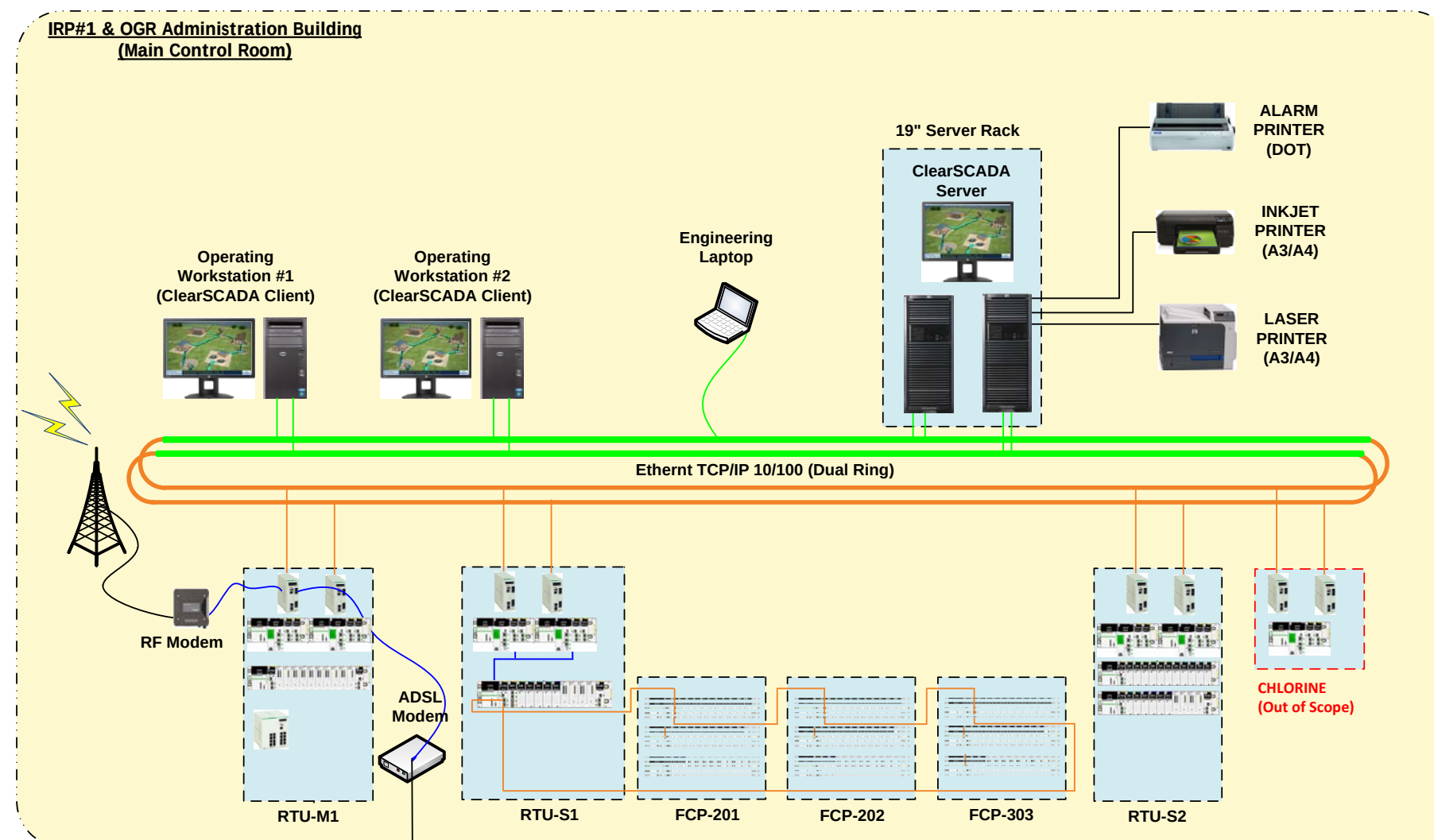
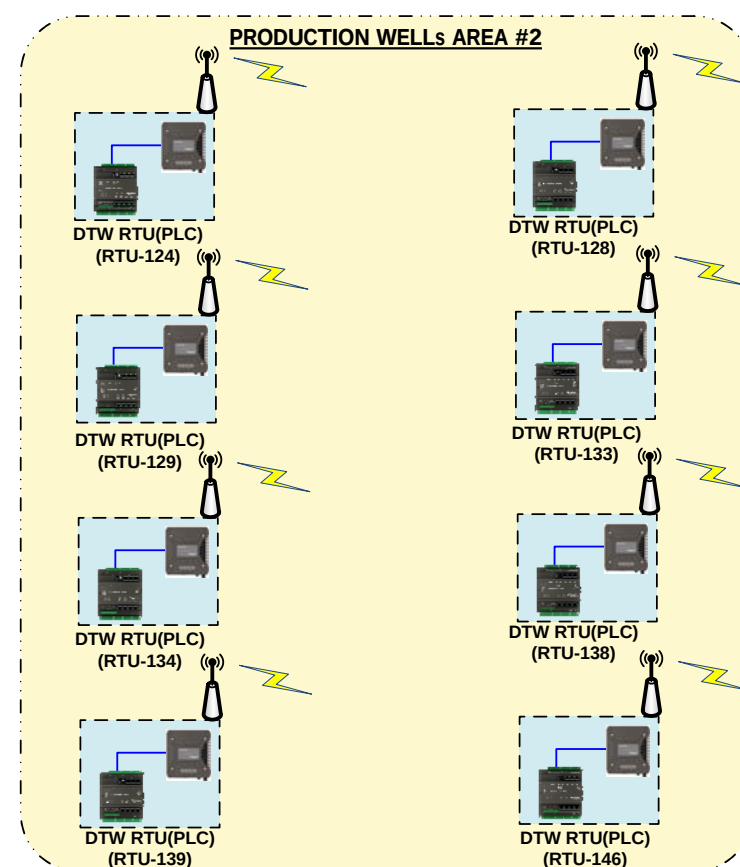
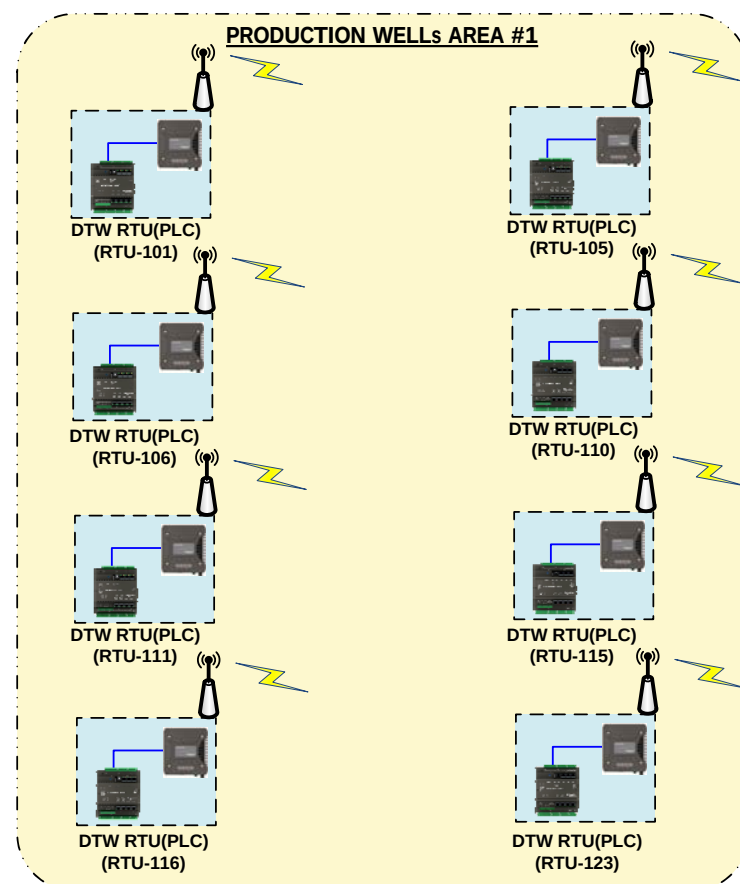


7. System Configuration Diagram

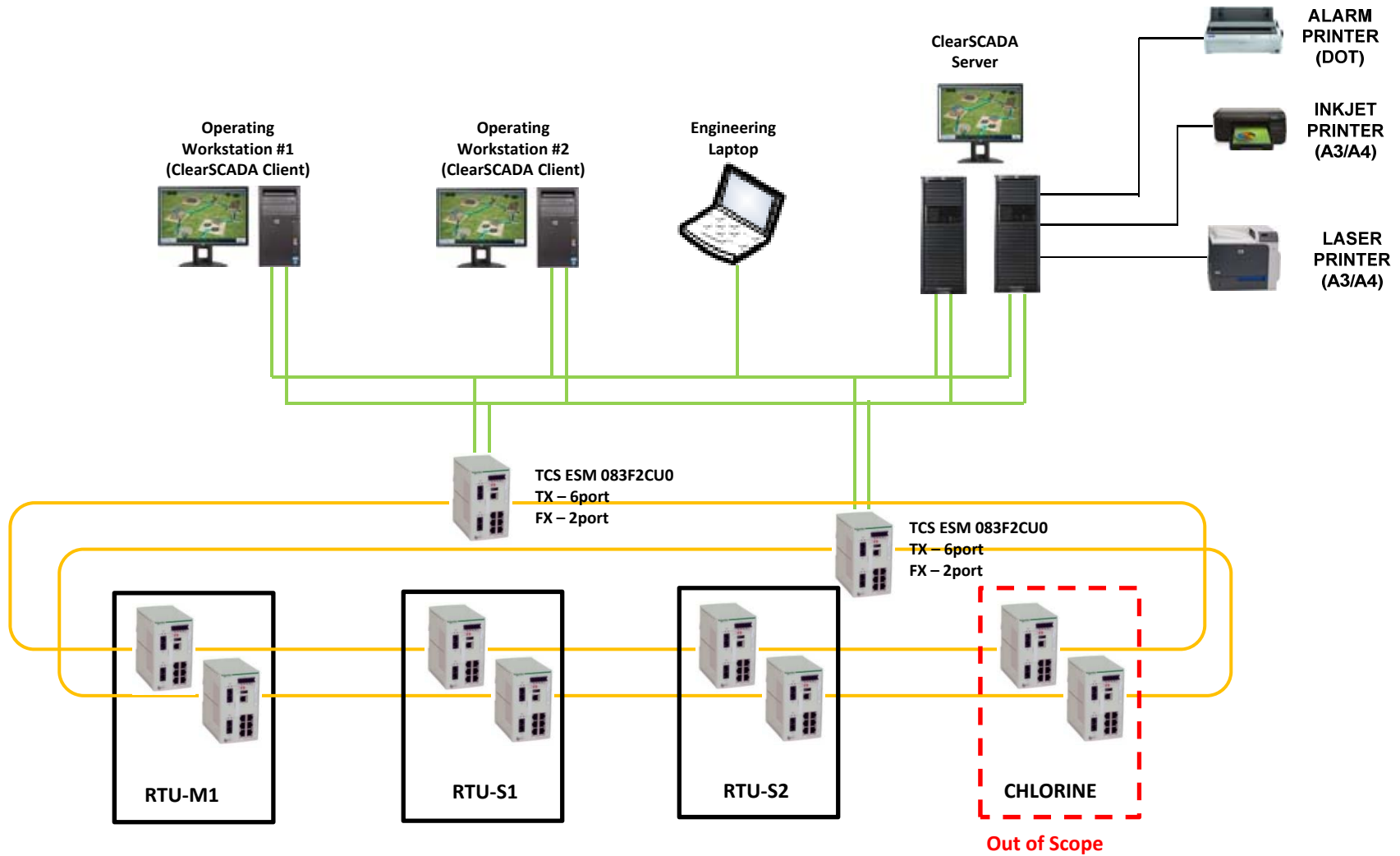
Revision History

[illegible]

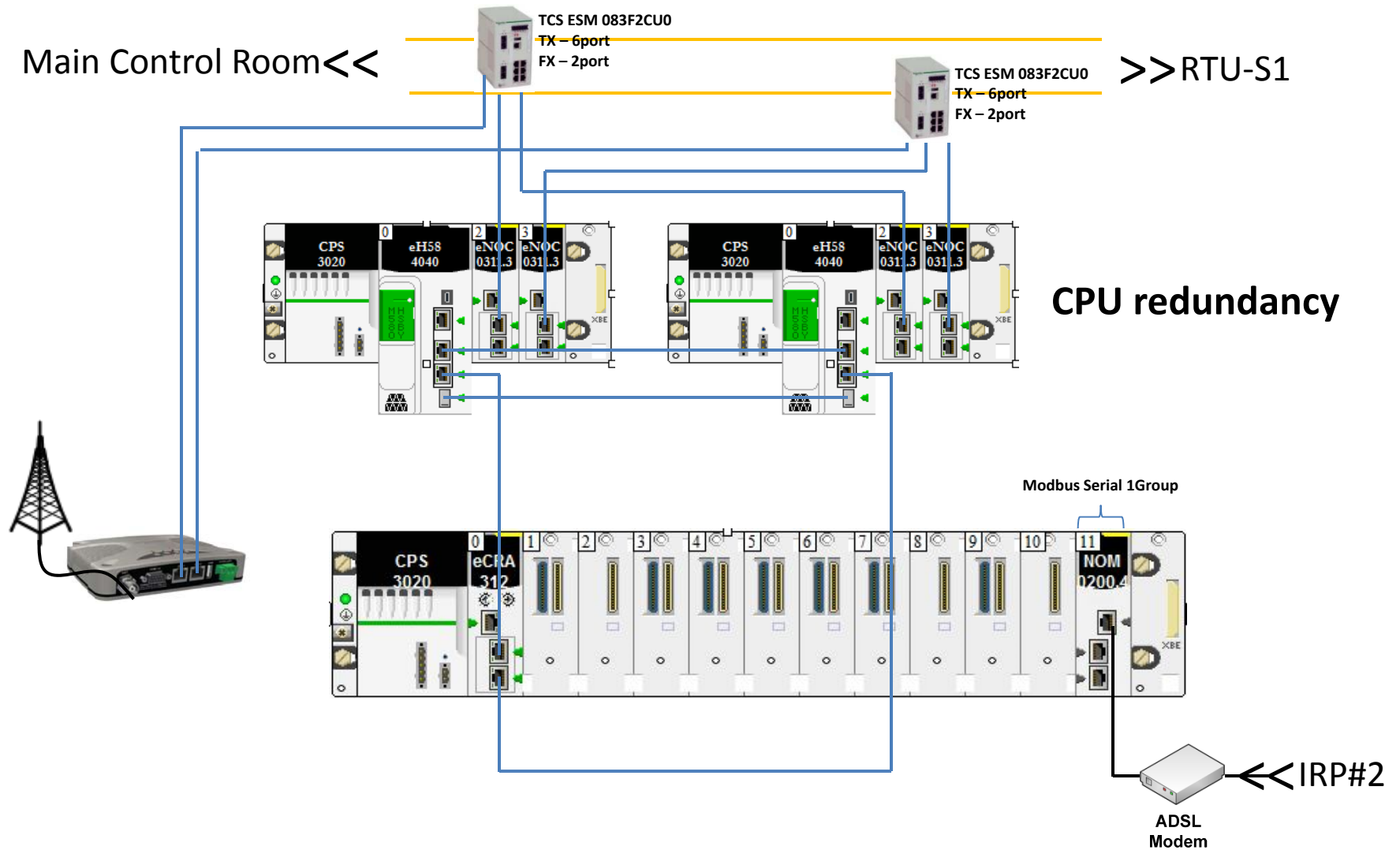
Bangladesh Well Field Construction Project SCADA System



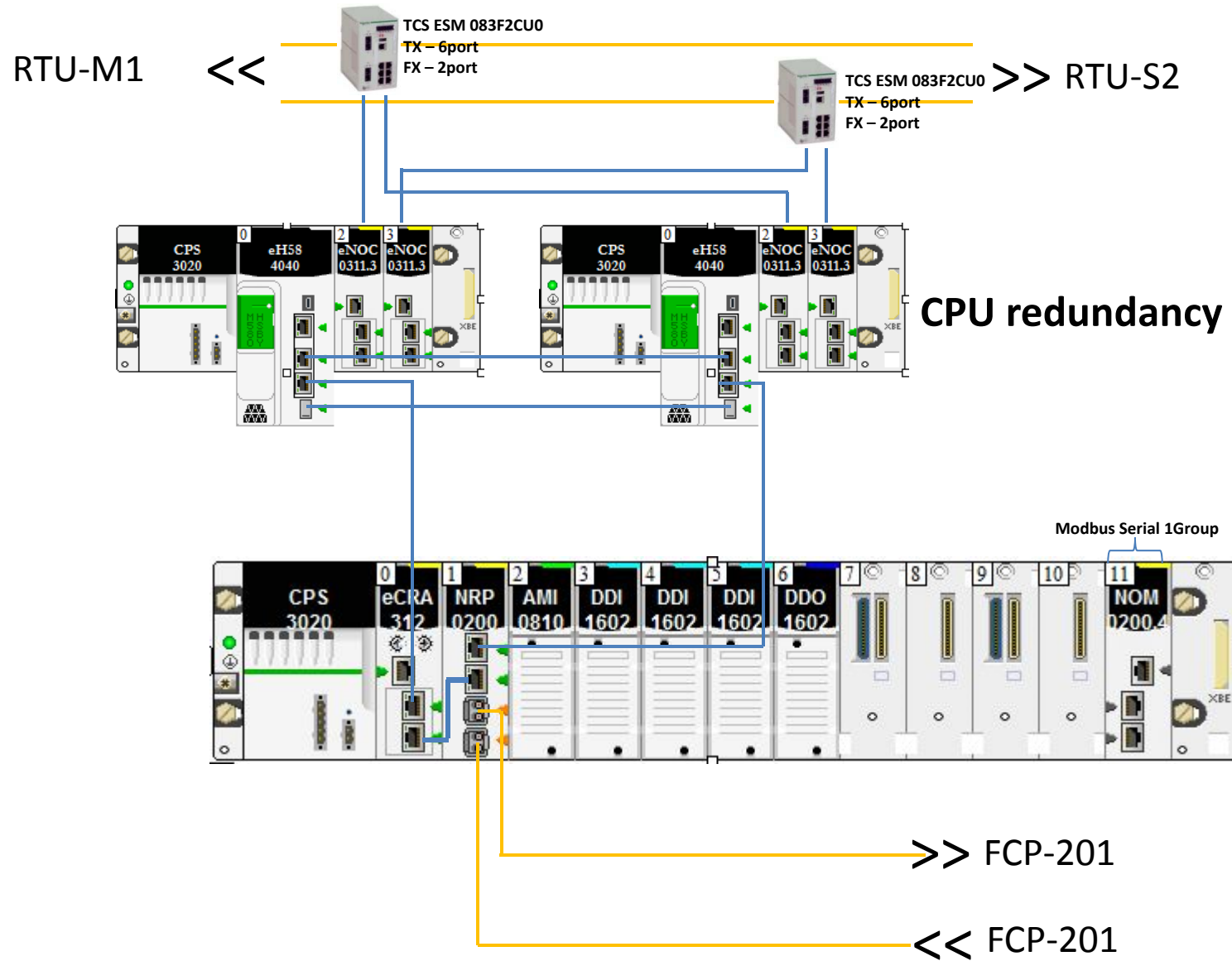
● IRP#1 Main Control Room and network



● IRP#1 RTU-M1



● IRP#1 RTU-S1

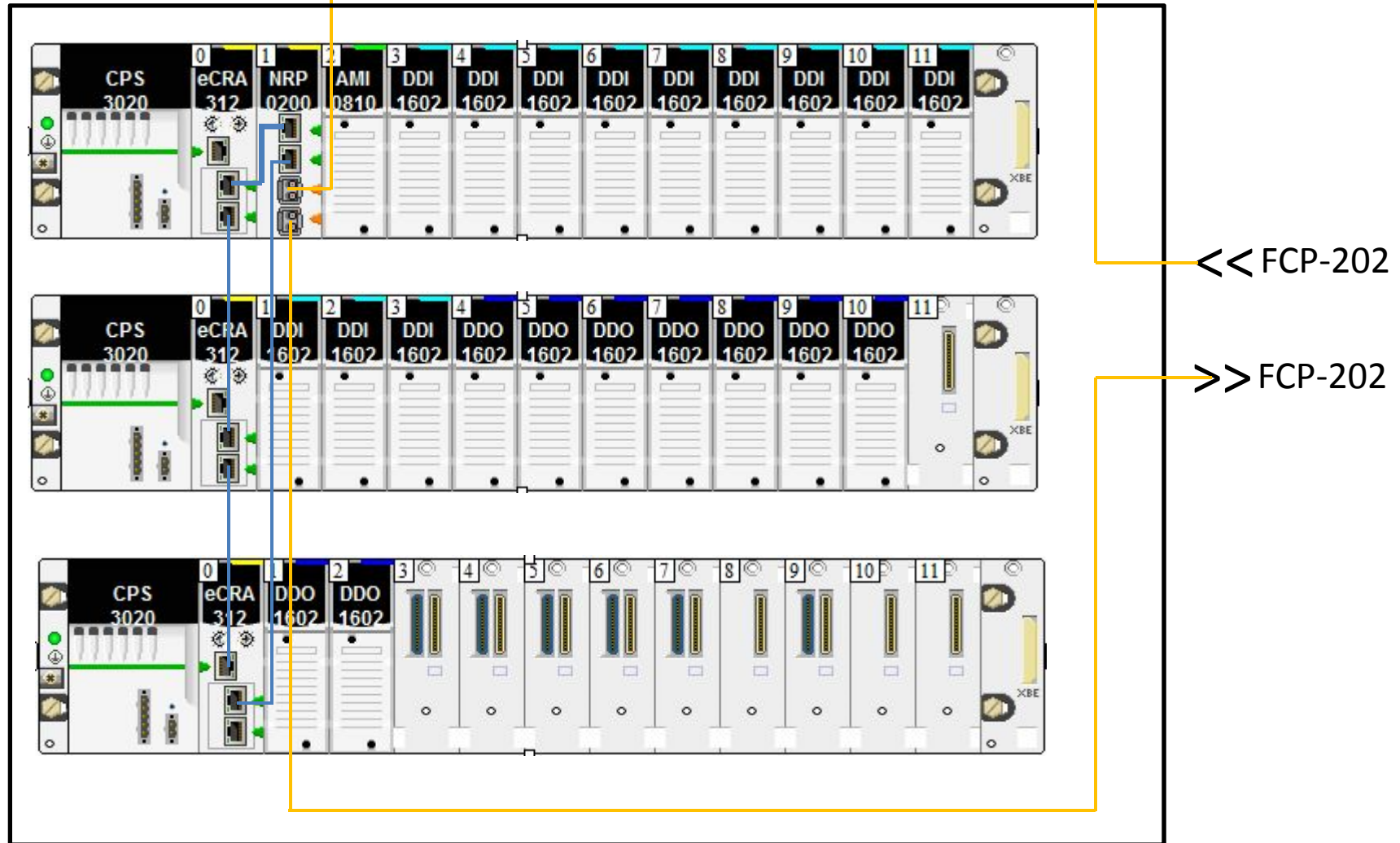


● IRP#1 FCP-201

RTU-S1 <<

RTU-S1 >>

FCP-201

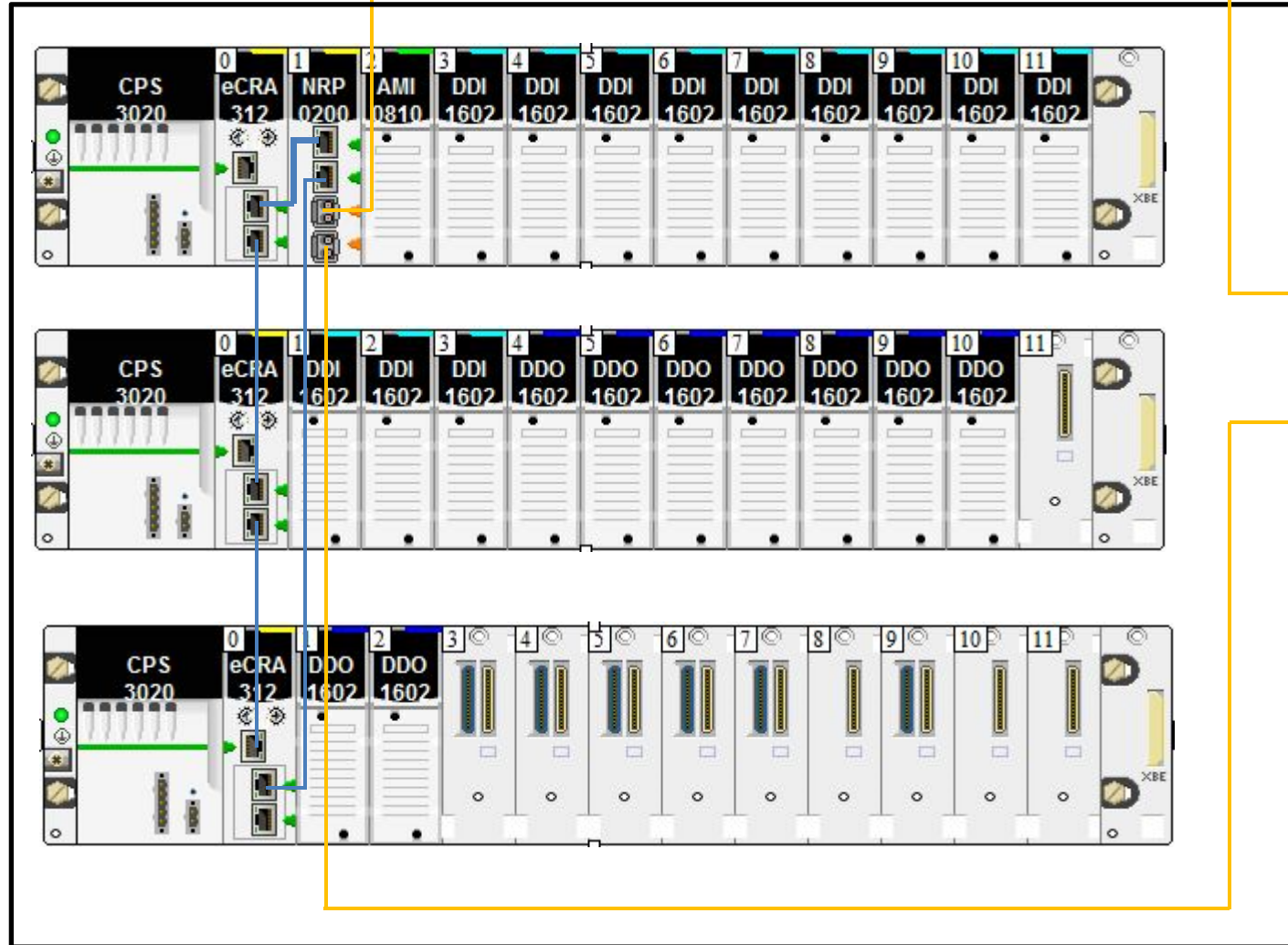


● IRP#1 FCP-202

FCP-201 <<

FCP-201 >>

FCP-202



<< FCP-203

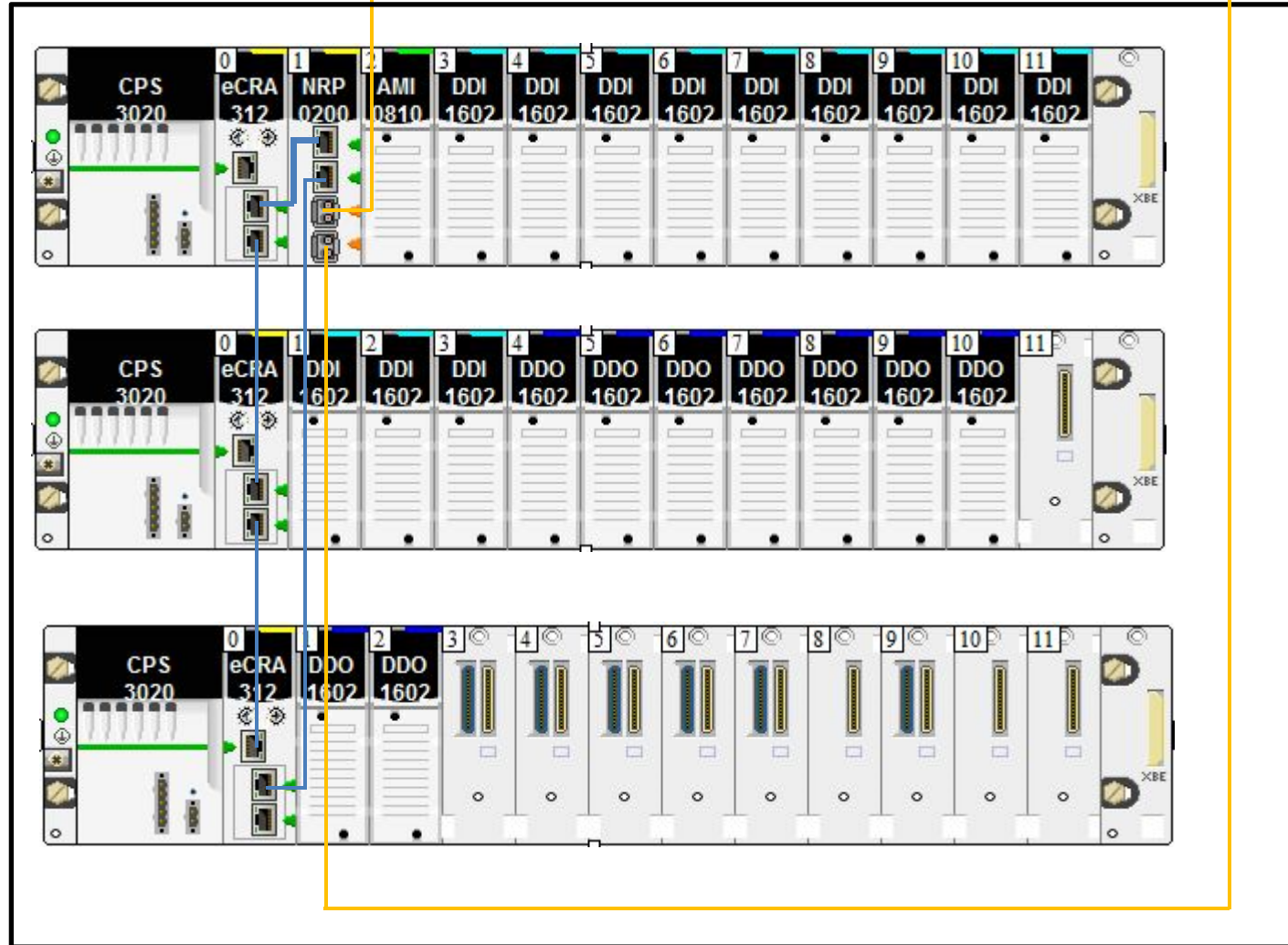
>> FCP-203

● IRP#1 FCP-203

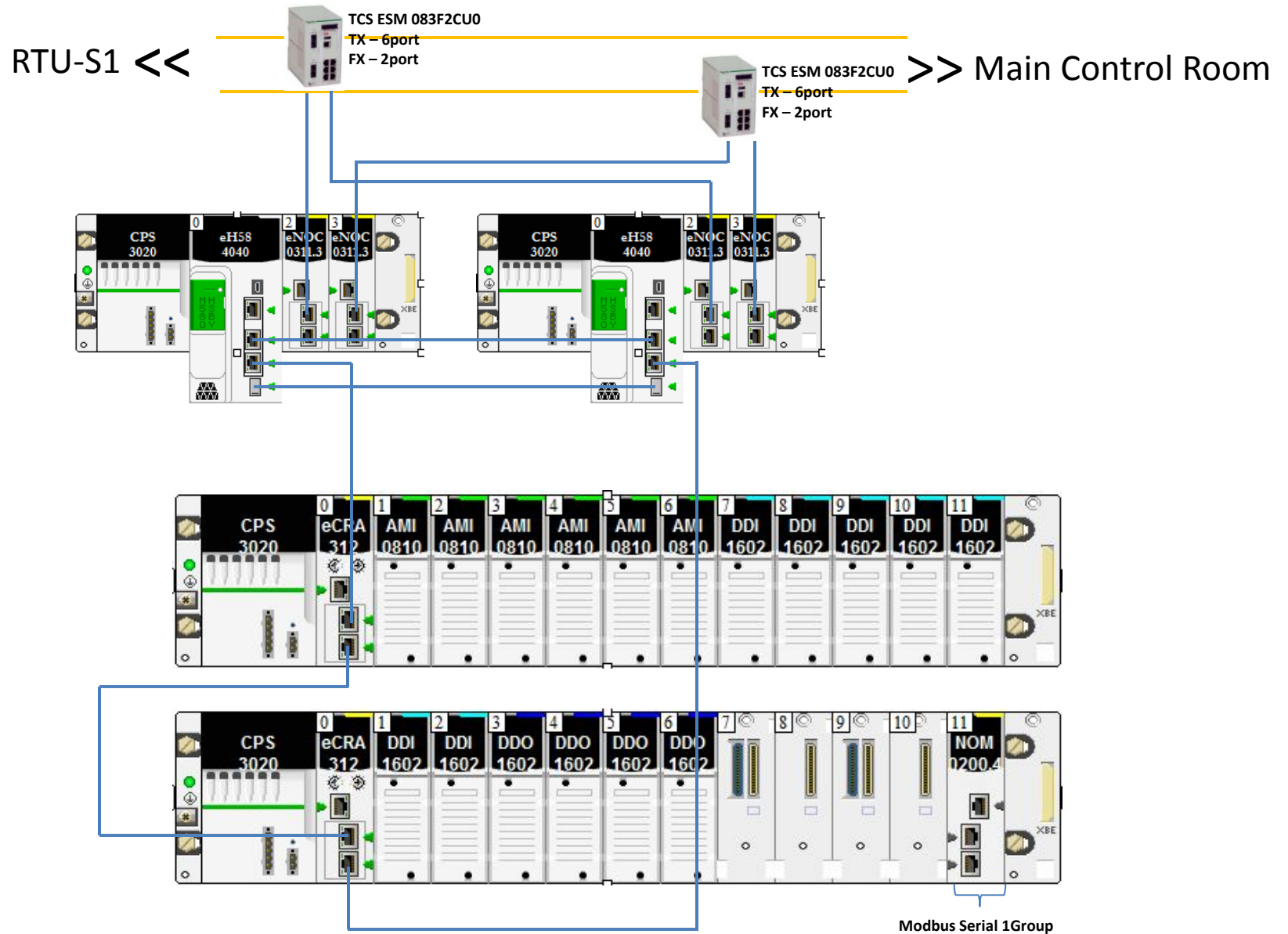
FCP-202 <<

FCP-202 >>

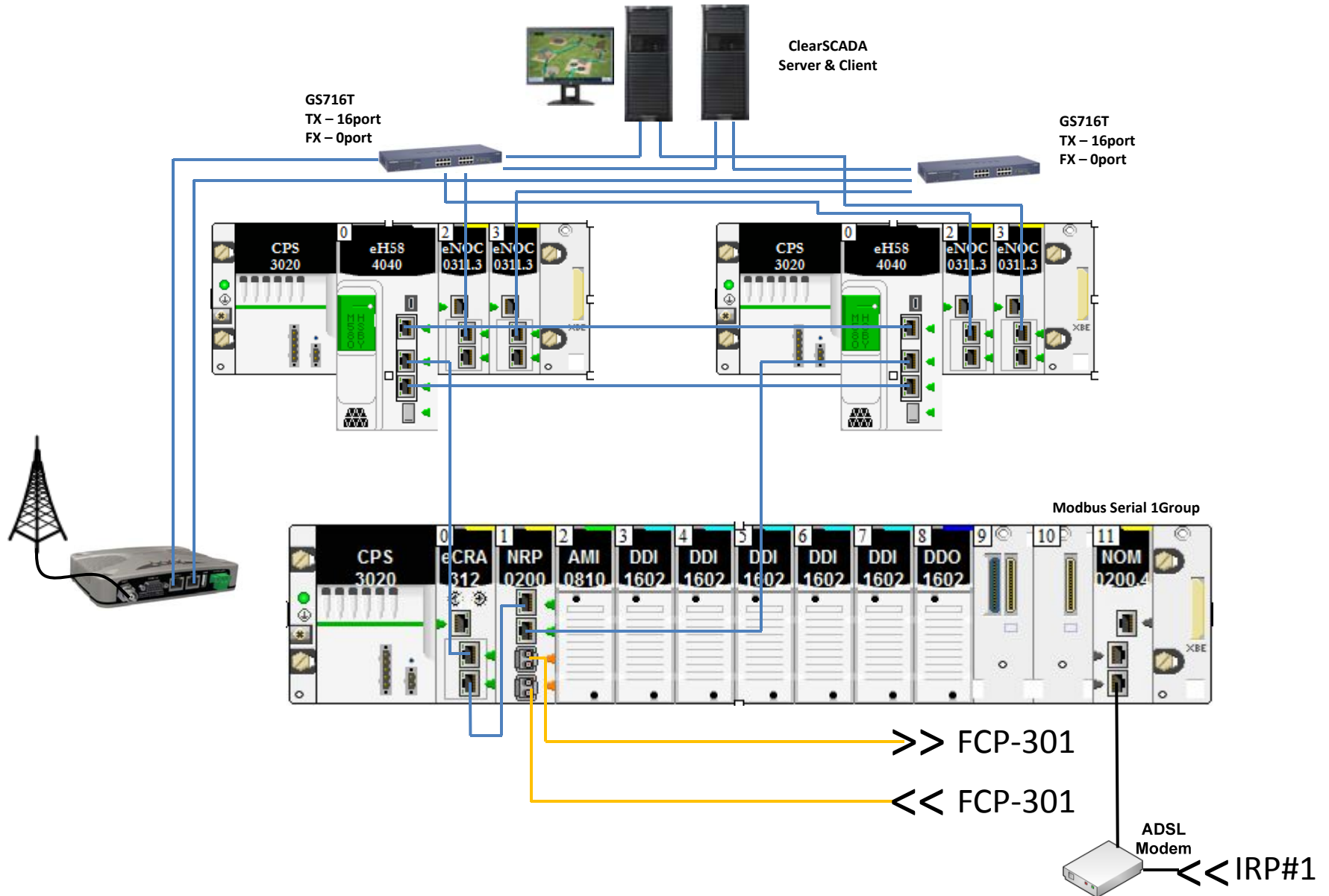
FCP-203



● IRP#1 RTU-S2



● IRP#2 RTU-M2

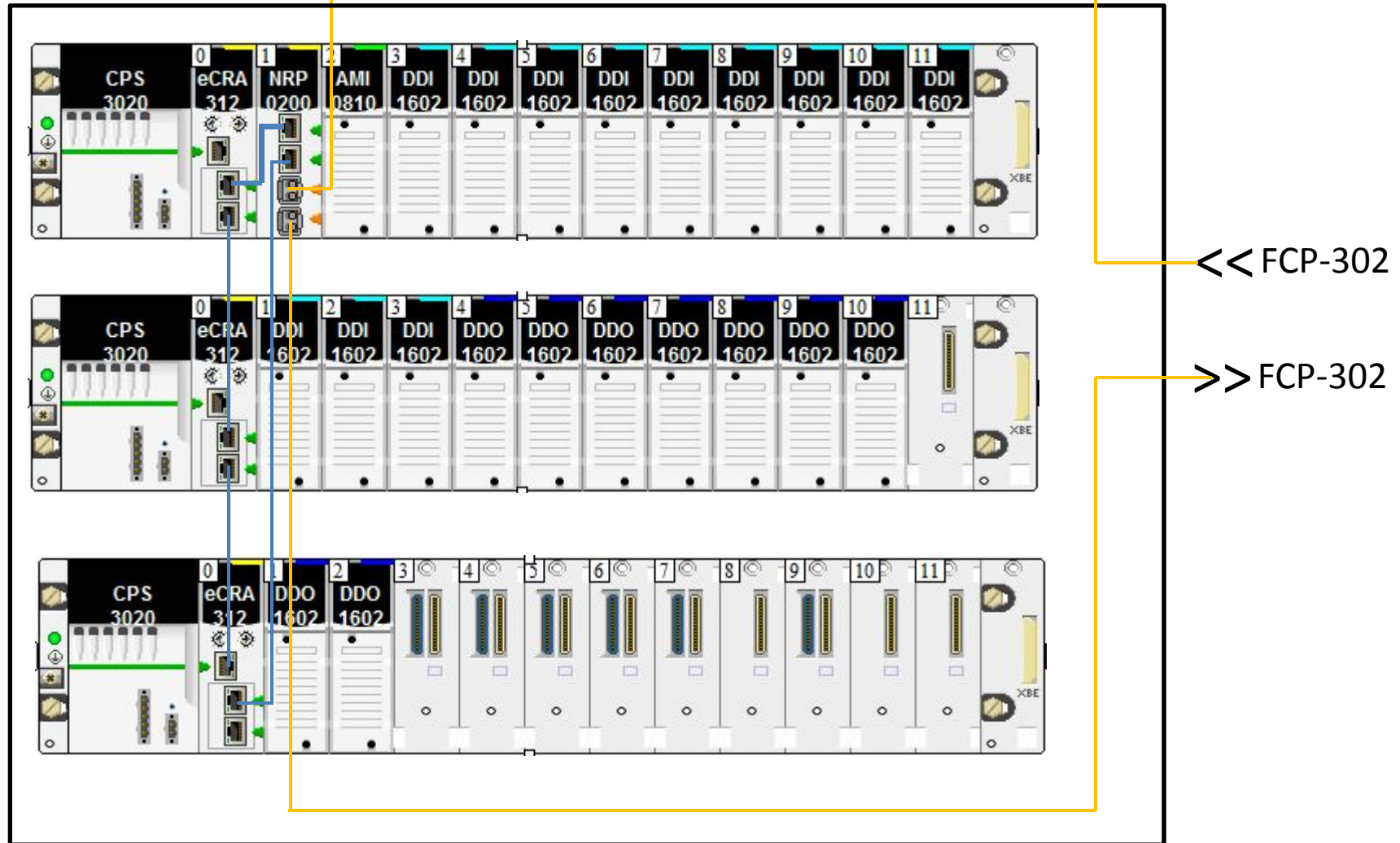


● IRP#2 FCP-301

RTU-M2 <<

RTU-M2 >>

FCP-301

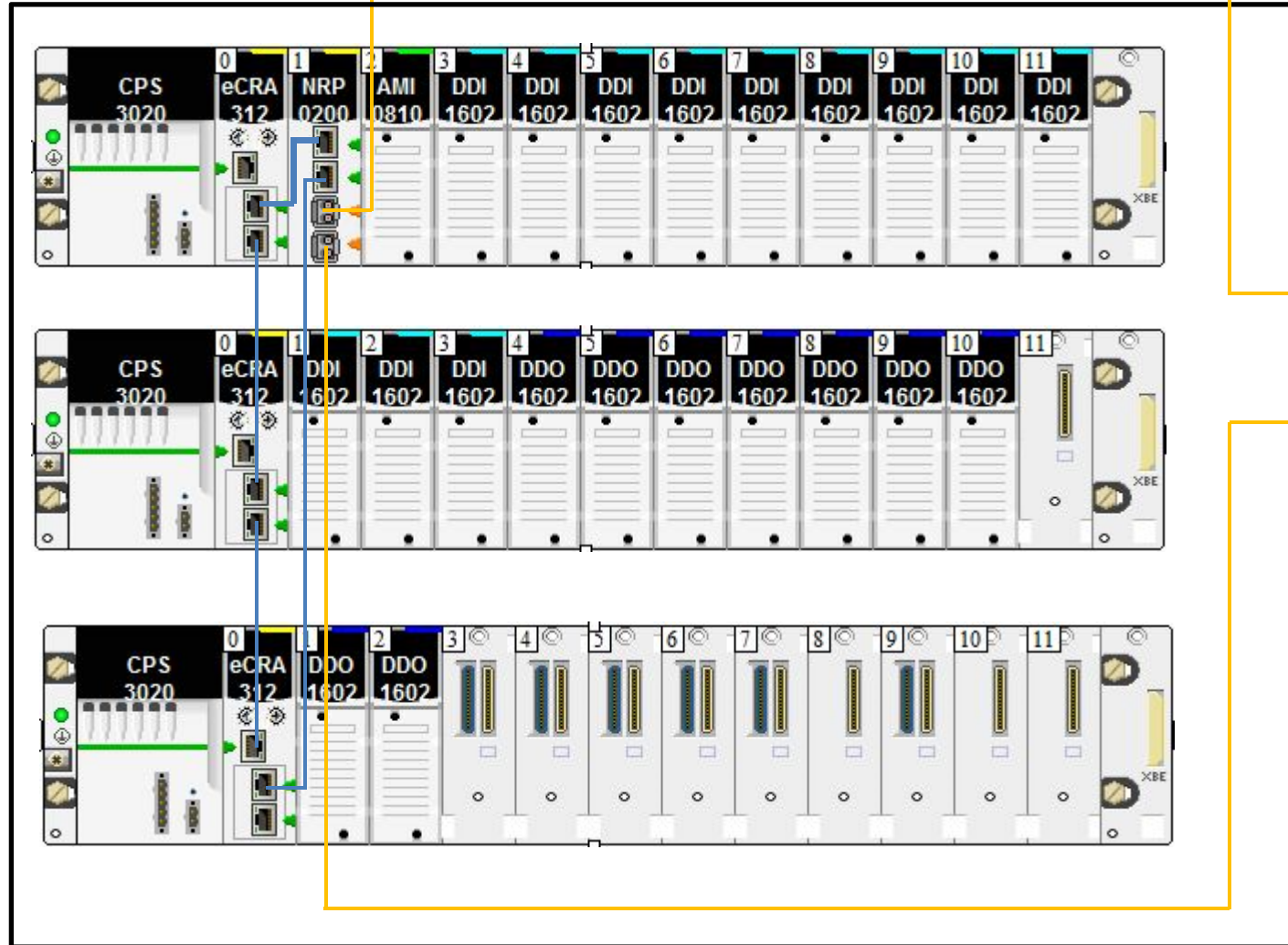


● IRP#2 FCP-302

FCP-301 <<

FCP-301 >>

FCP-302

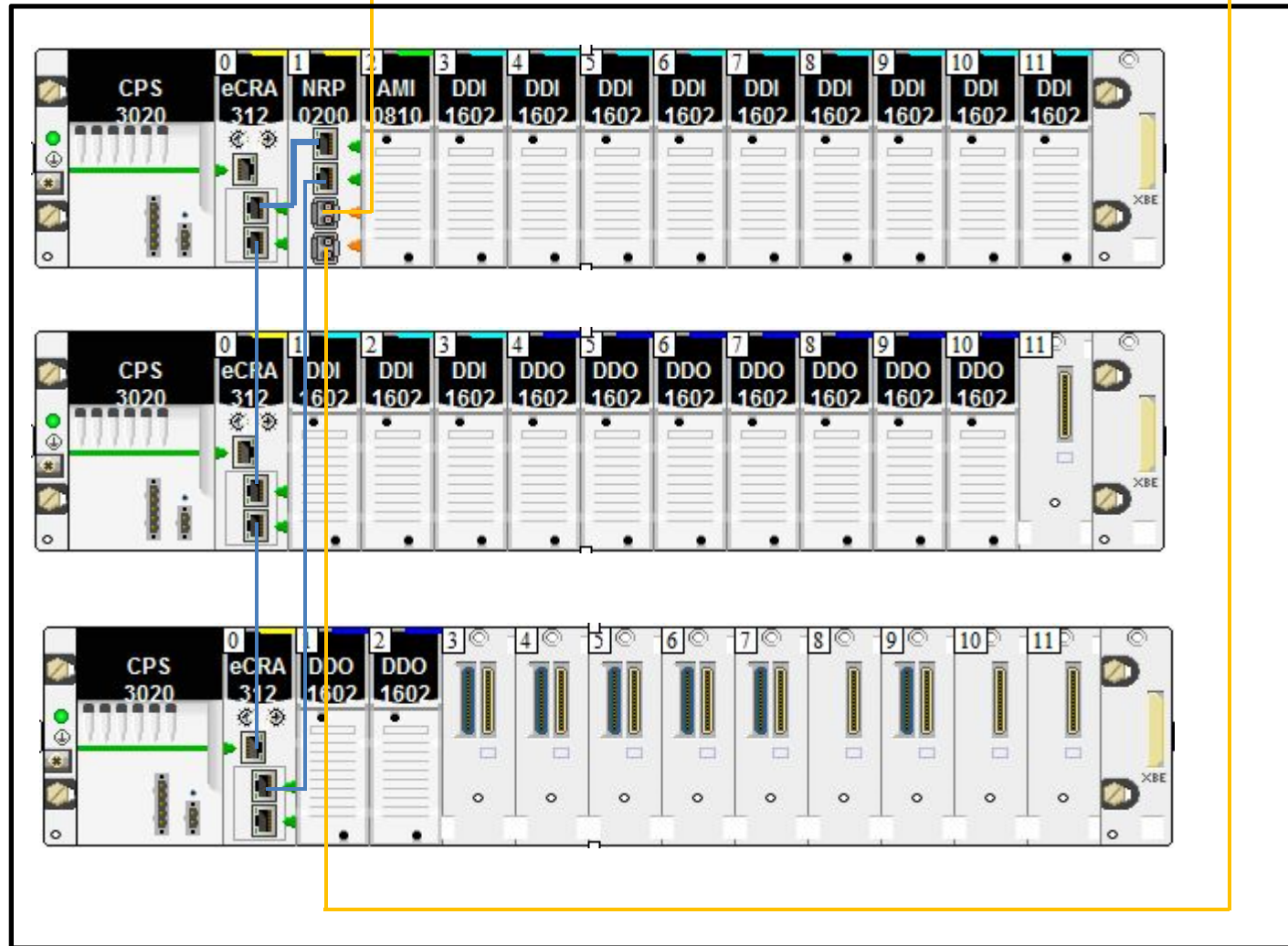


● IRP#2 FCP-303

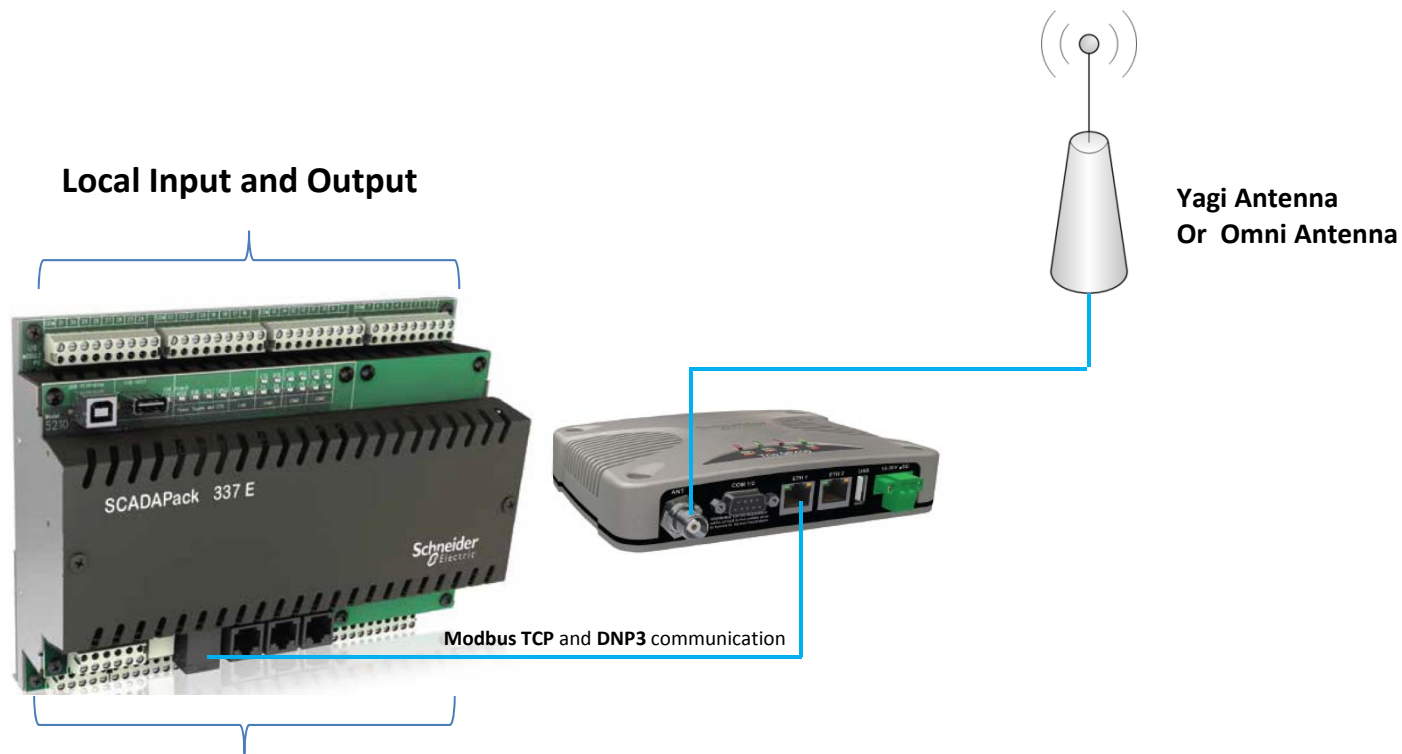
FCP-302 <<

FCP-302 >>

FCP-303



● DTW RTU (PLC)(46 sets)



Local Input and Output

Analog Input : 8 points

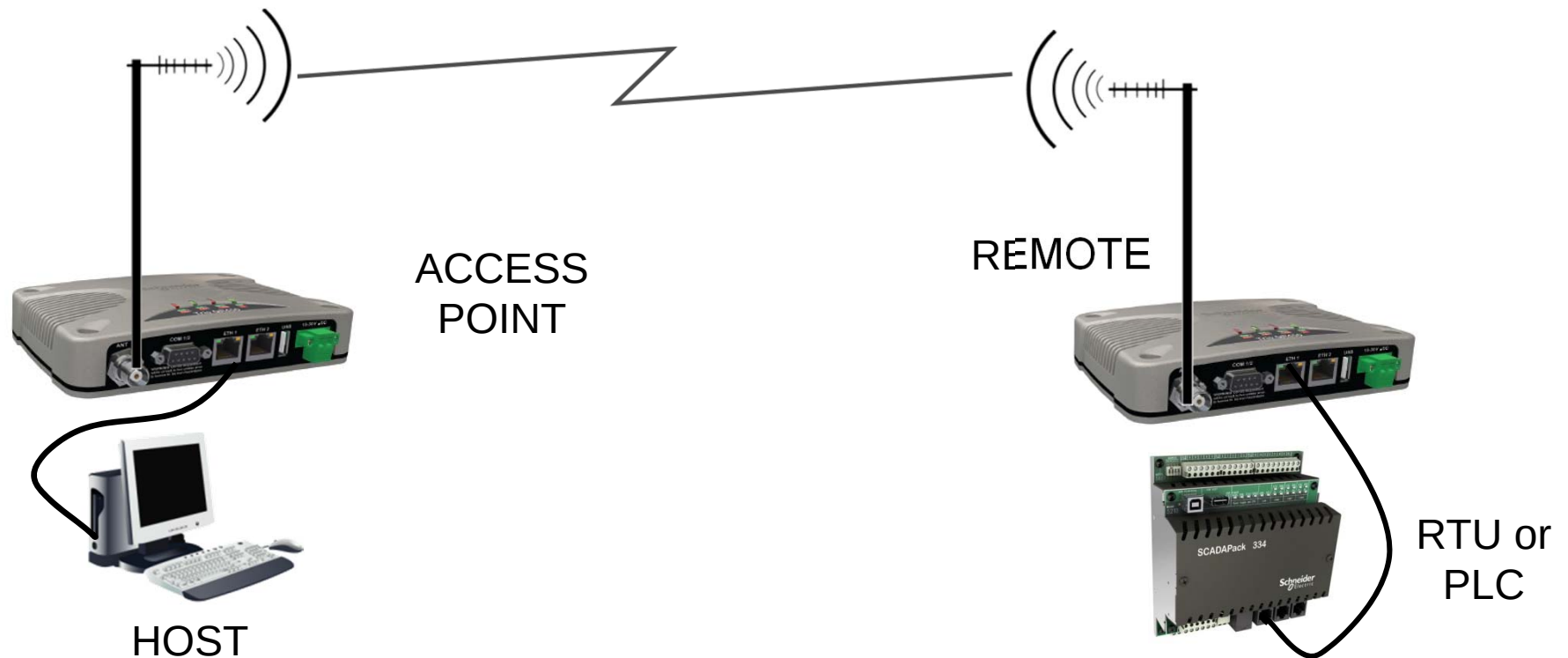
Digital Input : 32 Points

Digital Output : 16 Points

Accumulators : 3 Points

● Communication concept - 1

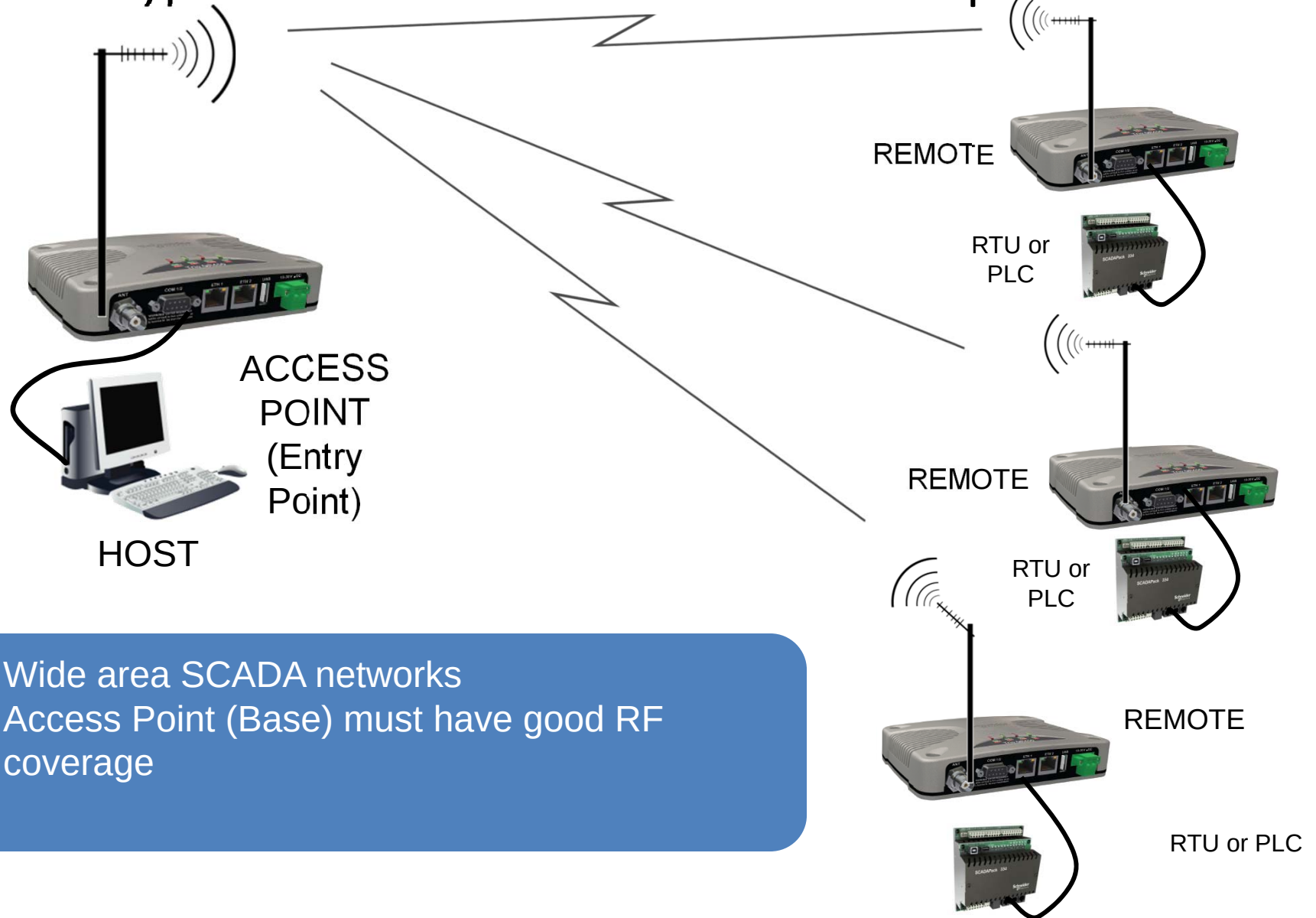
Typical Architectures – Point to Point



- Direct cable replacements
- Applications requiring continuous communication in both directions (aka full duplex)

● Communication concept - 2

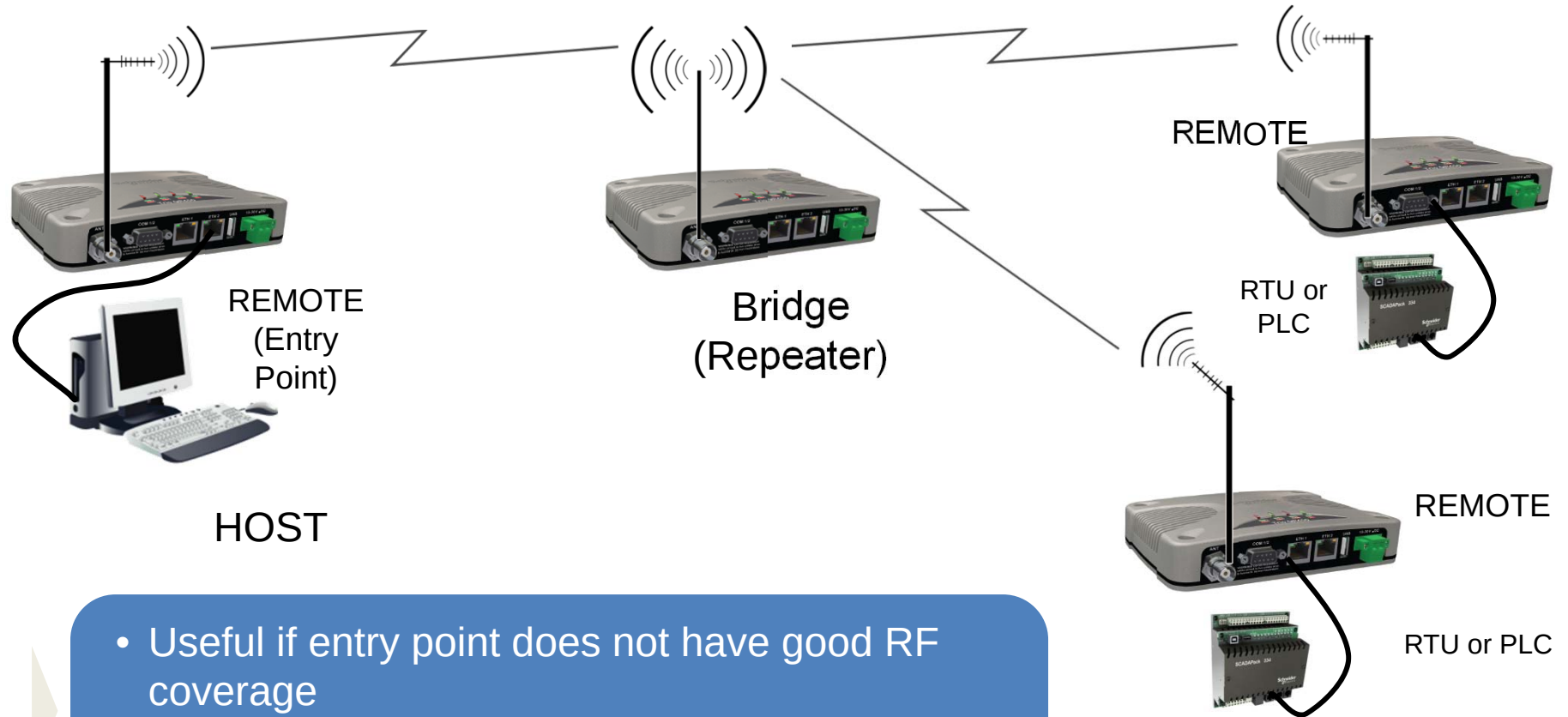
Typical Architectures – Point to Multipoint



- Wide area SCADA networks
- Access Point (Base) must have good RF coverage

● Communication concept - 3

Typical Architectures – Point to Multipoint via Repeater



- Useful if entry point does not have good RF coverage
- Repeater located at high site (Water Tank, Mountain Top) for maximum RF coverage