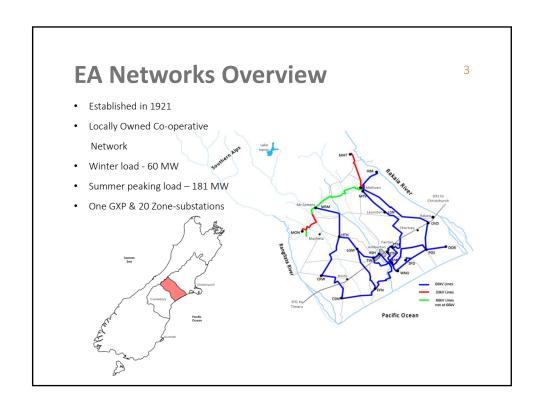
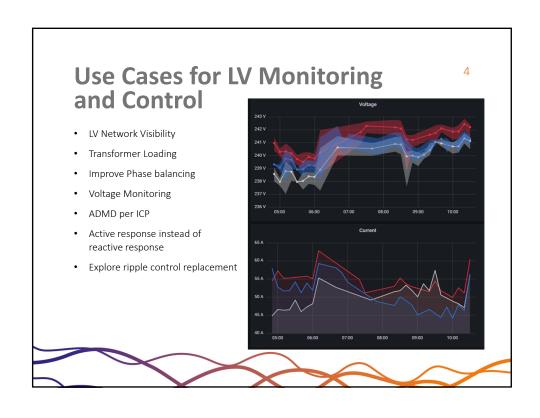


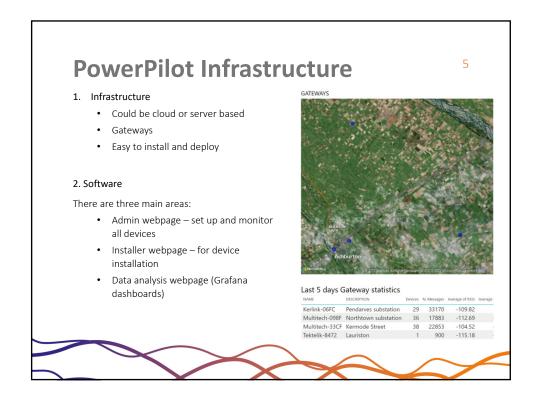
# Agenda:

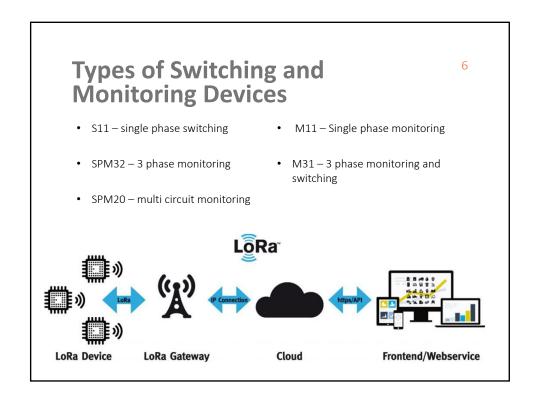
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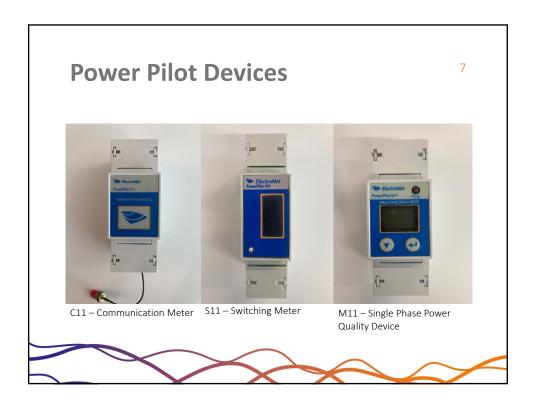
- EA networks Overview
- Use Cases for LV monitoring and control
- PowerPilot
  - Infrastructure
  - Devices
  - Trials
- Monitoring devices data
- Ripple control replacement
- Future Focus

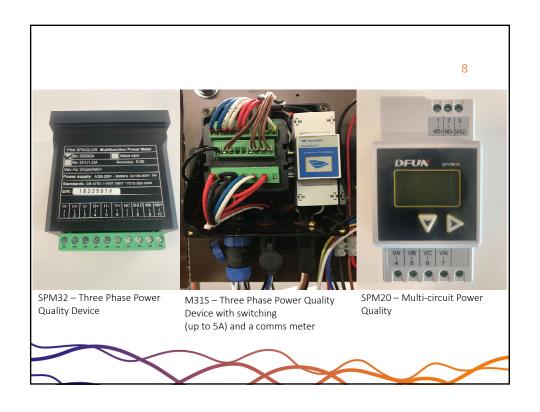


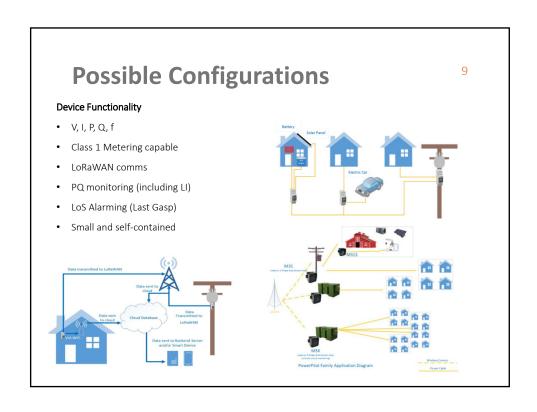


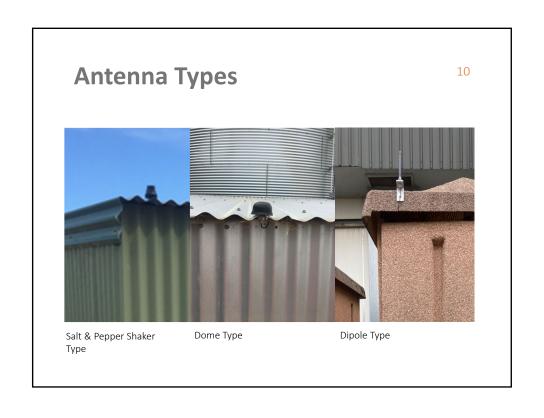


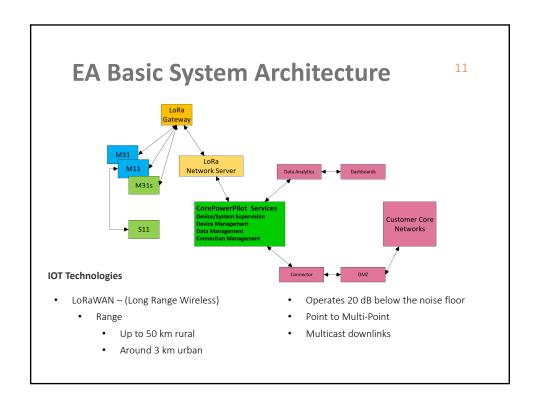


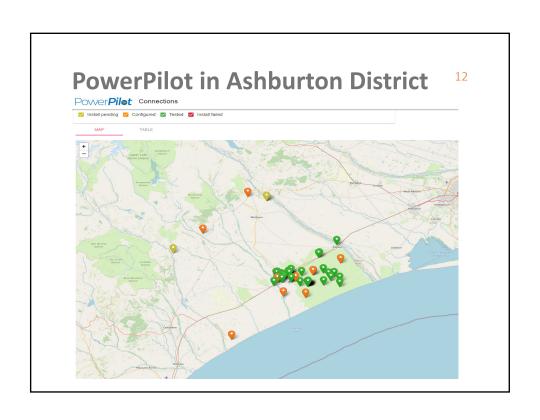












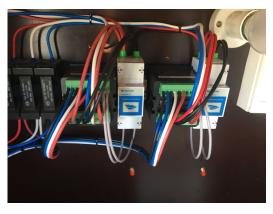
**Use Cases 1** 

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### Single and Three Phase Power Quality Metering

- 14 x M11 single phase power quality devices
- 24 x SPM32 three phase power quality devices





# Use Case 2

14

### **Distribution Transformer Monitoring**

Site 1 – ANZCO

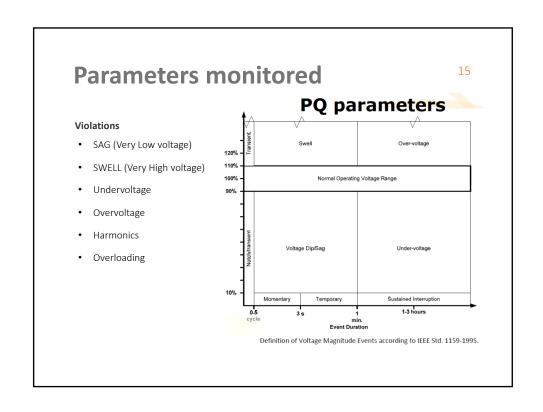
• 17 x M31 installed

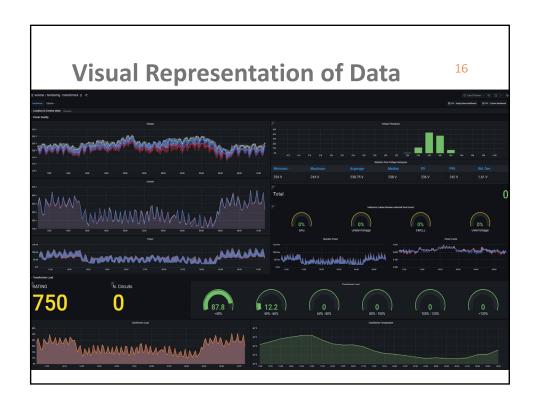


Site 2 – Talley's

2 x M31 installed







# **Use Cases 3**

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### **Multi-Circuit Monitoring**

- Installed at Civic Centre site monitoring 6 circuits.
- Used for multiple LV circuit distribution substations
- 3 phase 2 % accuracy sensor with LoRa and Wi-Fi
- Up to 10 three phase LV circuits can be simultaneously monitored



# Switching single and three phase loads Single phase load – Streetlights, Hot water Three phase loads - irrigation pumps Incorporated into existing SCADA and PLM applications. Single Plant Control by June 11 Control Lab 11 Control Control by June 14 Control Control by June 1

