

Livingstone Shire Council SCADA and Telemetry Network

Background:

Livingstone Shire Council (LSC) was de-amalgamated from Rockhampton Regional Council (RRC) on the 1 January 2014, resulting in the establishment of two Local government authorities.

As a result, a contract was established to redesign and implement a new SCADA network in order to allow LSC to independently run their water supply network and monitor the sewerage system from their Yeppoon depot.

This project had two key criteria, namely:

- ⇒ **Separation** of the control of LSC assets from RRC assets.
- ⇒ **Consolidation** of the various SCADA platforms previously used for LSC assets.

Project Specifics

Client	Livingstone Shire Council
Location	Yeppoon, QLD
Year Completed	2014
Size / Quantities	50 Telemetry Stations and PLC's
Services Provided	<ul style="list-style-type: none"> • Project Management • SCADA Network Design • Procurement of Equipment and Radio Frequencies • Development, Configuration and Programming of RTUs and SCADA • Installation • Commissioning and Testing • Cut-over and Separation of Network Assets • Training of Client Personnel
Delivery Method	Full Turnkey Contract



System Technical Features:

- Full separation of SCADA network from RRC.
- Single modern SCADA software platform.
- Fully automated remote alarming.
- Future upgradeability and expandability.
- Ability to operate major assets independently during SCADA network failure.