

CASE STUDY

PERTH PUBLIC TRANSPORT AUTHORITY PROJECTS

PROJECT PROFILE

The Public Transport Authority (PTA) is responsible for the following transport services:

- Rail, bus and ferry services in the metropolitan area (Transperth)
- Public transport services in regional centres (Transregional)
- Designing, building and maintaining transport infrastructure
- Protecting the long-term viability of the State's freight rail corridor and infrastructure



PRODUCTS USED

- Schneider / Modicon M340 PLC
- Citect SCADA

PROJECT TEAM

- Commissioning Manager: Ryan Caldwell
- Project Manager: Mathew Anderson

SCOPE OF WORKS

Working in conjunction with Schneider Electric, supplying ongoing upgrades to the existing infrastructure, required to ensure the continuation of services across several SCADA platforms.

These upgrades included PLC and SCADA redesign, Software and Hardware upgrades, and electrical install and refurbishment.

OUR INVOLVEMENT

Claremont Carpark Lighting Control:

- Supply of PLC and Remote IO panels
- Site installs of panels
- Electrical installation including termination of field cables onto Krone distribution frame
- Commissioning assistance

Joondalup PLC Upgrade (Stirling, Whitfords, Warwick, Leederville):

- Supply of site PLC panels
- Install of PLC panel and HMI enclosure
- Electrical installation
- Commissioning assistance