



Powerlink Queensland

Robust and reliable security for the protection of critical infrastructure sites



Powerlink Queensland is a leading Australian provider of high voltage electricity transmission network services, combining innovation with insight to deliver safe, cost effective, and reliable solutions. They are a Government-Owned Corporation that owns, develops, operates, and maintains the high voltage electricity transmission network in Queensland, extending 1,700 kilometres from Cairns to the New South Wales border.

Powerlink's purpose is to connect Queenslanders to a world-class energy future, providing electricity to five million people and 238,000 businesses. As a critical infrastructure provider, it is essential that Powerlink meets rigorous safety and security requirements to ensure the continued operation of its transmission network.

Powerlink installed Gallagher's Monitored Pulse Fence system at numerous substations across Queensland to provide an effective detection and deterrent solution for these critical infrastructure sites. The Monitored Pulse Fence technology notifies Powerlink security staff of critical alarms, and provides reports on fence zones and voltage levels, while complying with international safety and electromagnetic compatibility standards.

Streamlined people management and intrusion detection

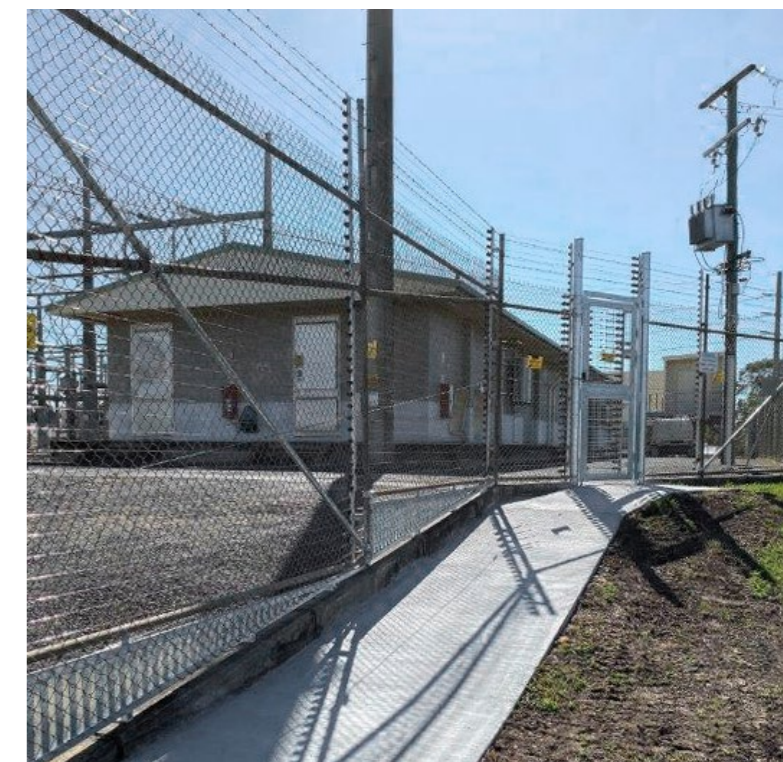
To manage visitor and staff movement and add an extra layer of security, Gallagher T-Series readers were installed on the pedestrian gates of each site. Entry and exit data reports from these gates can be pulled from the Gallagher Command Centre software platform for auditing purposes, while also providing Powerlink with full control and assurance of knowing who's onsite and when they leave.

Since installing Gallagher's security solution, Powerlink's substations have benefited from complete site control and reliable intrusion detection. By utilising Gallagher's Monitored Pulse Fence technology, Powerlink is notified in real-time should an intrusion occur, helping to protect both the public and staff from accidental or intentional entry to the site. The complete Gallagher perimeter solution was also able to integrate with an existing alarm system to save costs and streamline operations.

The Gallagher team visited each substation to oversee the installation process, certify that the Monitored Pulse Fence system was installed to standard, review test results, and provide feedback. The level of ongoing technical support from Gallagher has also proven valuable for Powerlink to have confidence in their systems and processes should an issue occur on site, with a commitment to resolve any issues as quickly as possible.

Dedicated support at every stage

Beyond the physical technology installed, Gallagher's dedicated in-market team have provided Powerlink with advisory services to ensure the system is operating efficiently and best utilising the networked perimeter functionality from the Gallagher system. Powerlink has worked alongside Gallagher to develop its own commissioning test plans with designs and created a standardisation across all sites. By having consistency of the hardware within field cabinets across Powerlink's substation sites, it has helped to streamline day-to-day operations for security staff and installers, while also saving Powerlink time and money, ensuring quality control, and providing greater efficiency across their site's security.



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