Suncorp Stadium

Market Sector: Buildings, Sports Stadium

Location:
Brisbane, QLD

Office:
Brisbane

Client:
Queensland State Government

Timeframe:
1999

Services:
- Electrical
- Communications
- Security
- Lifts

Description:
The Queensland State Government’s A$200 million redevelopment of Lang Park Football Stadium was undertaken to provide world class facilities for 55,000 patrons. The venue caters for many sports including rugby league, rugby union and soccer as well as entertainment and public assembly events.

The venue consists of open air seating, open corporate boxes, air conditioned corporate suites, players facilities, food and beverage outlets, function rooms and media rooms.

The design of the building reflects the subtropical climate of South East Queensland. The electrical and lighting systems were designed to be sympathetic with the architectural and to minimise light pollution. The lighting is controlled by a sophisticated system that provides flexibility and maintains energy efficiency.

The communication system has a state-of-the-art ‘blown’ optic fibre network, which supports stadium wide communication services including video replay screen data, stadium management system, point of sale and ticketing systems. A separate copper cabling reticulation network was employed to facilitate telecommunications and intercom systems. The Closed Circuit TV (CCTV) system consists of 140 cameras, which monitor the stadium and external patron access within the surrounding precincts. These cameras are controlled, monitored and digitally recorded from two control rooms within the stadium. The stadium is also equipped with a state-of-the-art access control and alarm management system.

The vertical transportation system allows for up to 24 lifts and four heavy duty traffic escalators. Several of the lifts also feature glass lift cars and doors. NDY’s responsibilities for the project include electrical, lighting, communications, security and vertical transportation services.