

AUSTRALIA'S FLAGSHIP DIGITAL HOSPITAL CONNECTED FOR BETTER CARE

Western Australia's flagship healthcare facility is a pioneer in the latest scientific, technological, and medical developments – including a connected hospital with state-of-the-art integration from Honeywell.

Case Study



Honeywell

From early planning stages, connected technology was identified as essential for the Fiona Stanley Hospital, which spans 9 buildings and more than 200,000 square meters.

Honeywell was engaged as the Master Systems Integrator responsible for the integration of over 65 ELV Systems utilising Honeywell Enterprise Buildings Integrator (EBI) as the integration platform. This provided a single common user interface for monitoring & control, graphics, reporting, energy management, trending and alarm management.

The Challenge

Campus-wide integration of an extensive and diverse range of Extra Low Voltage (ELV) systems from multiple vendors.

Central management of buildings and energy with a focus on automation & sustainability.

Security monitoring for more than 5,000 people per day.

Single, common interface.

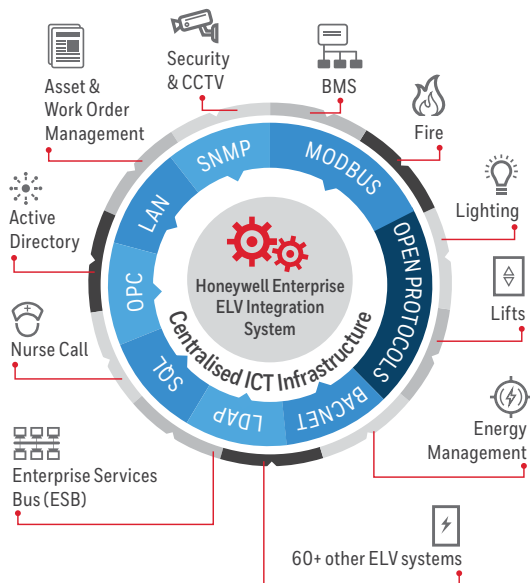
The Solution

Master Systems Integrator: Honeywell was responsible for integration of third-party and Honeywell systems on one central platform. Six distributed and redundant EBI servers connect over 150,000 points from 65+ ELV systems and publish over 40,000 graphic pages to provide comprehensive monitoring and supervisory control over the entire campus.

Information Communication Technology (ICT): Honeywell delivered the campus-wide Facility ICT infrastructure, including servers, virtual environment, storage, and active IP network to integrate all ELV systems and services onto a common platform, reducing duplication and complexity, whilst improving availability and flexibility.

Security Management: The site-wide safety and incident management system provides intrusion detection, CCTV, access control, and intercom. Honeywell Digital Video Manager was deployed with the DVM Console in the main control room to enable efficient facility monitoring.

Energy and Building Management: Honeywell Energy Manager (HEM) system with over 1,100 gas, water, electricity, chilled water & heated water meters to provide campus-wide energy monitoring, reporting and tenant billing.



The Benefits

- Seamless integration of multiple systems on one platform provides ability to monitor and manage entire facility from an enterprise view.
- Greater flexibility, redundancy, and scalability: One converged network for building controls reduces capital, lifecycle, and maintenance costs.
- Flexibility in workflows and facility management due to mobile connectivity and support, aiding productivity across the campus.
- Simplified central event and alarm management, with real-time facility-wide view that promotes faster, better-informed responses from staff.
- Integrated building management approach optimizes HVAC and energy resources, promoting reduced energy consumption and operational costs.

For more information

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