

case study

Rosemeadow Shopping Centre



From Vision to Reality

The Banna Property Group sought to replace the outdated analog HVAC Controls with advanced technology to simplify HVAC and Lighting Systems operation and maximise energy efficiency

Objectives

Integration of Multiple Service

Replace existing analog HVAC controllers with unifying, open protocol technology enabling monitoring & control of multiple services i.e. HVAC and Lighting from a single “pane of glass”.

Improve Energy Efficiency

Enhance programming and control for maximum energy efficiency.

Provide Remote Access

To provide visibility and close control of the complete HVAC & Lighting System.

Solution

Honeywell “Spyder” field controllers Powered by the JACE 8000

- Extensive programming functionality
- Versatile i/O capability
- Advanced control sequencing

Interoperability

- JACE 8000 provides seamless interface between BMS and Lighting Control System
- Native BACnet Interoperability

Enhanced Visibility & Control

- Cloud based remote access
- Real time response, trouble shooting & technical support

Results

Seamless Integration

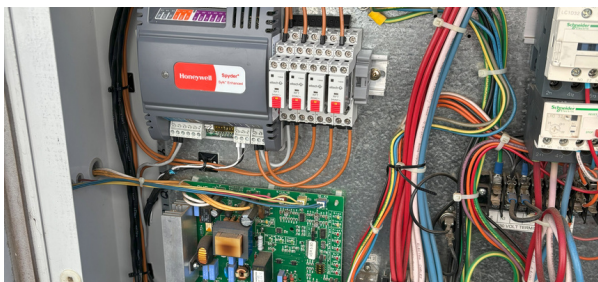
Energy intensive HVAC and Lighting Control systems now monitored and managed with a single user interface

Energy Efficiency Gains

Driven by advanced HVAC control sequencing and lighting control programming

Retail Customer & Tenant Satisfaction

Reliability and consistent comfort conditions throughout the centre, year round



Conclusion

This project demonstrates how integrated smart building technologies can deliver measurable energy savings, lower emissions, and enhance system reliability, while improving occupant comfort and extending asset life through reduced equipment wear..