

Case Study



Client: **Royal Agricultural Society Sydney Showground**

Project: **Upgrade of 2,798 Emergency Light Fittings**

Solution Implemented: **Plexus Smart Building Compliance Suite**

Background

The Royal Agricultural Society Sydney Showground, a prominent venue for events and exhibitions, faced significant challenges in maintaining compliance with emergency and exit lighting regulations. The organisation's rising maintenance and repair costs, coupled with incomplete asset inventories and a lack of centralised control, were leading to inefficiencies and potential compliance risks.



Challenge

- Escalating maintenance due to an outdated emergency lighting system.
- Increasing repair cost resulted in greater financial pressure to maintain compliance.
- Incomplete asset lists leading to inefficiencies and potential non-compliance risks.
- Lack of a centralised control mechanism for managing emergency lighting compliance.

Solution

To address these challenges, the Showground opted for a complete upgrade of its emergency lighting system by implementing the **PLEXUS Smart Building Compliance Suite**.

This included:

- **Installation of Elumen EEL hardware**, enabling automated monitoring and reporting.
- **Integration with the PLEXUS cloud-based platform**, providing real-time data access and compliance tracking.
- **Implementation of a 5-year fixed price contract**, ensuring budget certainty and cost predictability.
- **Creation of a centralised asset list**, improving visibility and management efficiency.
- **24/7 remote monitoring**, allowing for proactive maintenance and issue resolution.
- **Additional monitoring of cool-rooms and walk-in freezers**, ensuring optimal operational performance.

Results

The transformation delivered significant benefits, including:

- **Guaranteed compliance**, eliminating regulatory risks.
- **30% reduction in maintenance and repair costs**, leading to substantial financial savings.
- **Improved asset management**, with all emergency lighting systems tracked in one unified platform.
- **Enhanced operational efficiency**, with automated reporting and reduced manual inspections.
- **Better oversight of refrigeration units**, preventing product losses from equipment failure.

Conclusion

By upgrading to the **PLEXUS Smart Building Compliance Suite**, the Royal Agricultural Society Sydney Showground successfully gained full control over its emergency lighting compliance, reduced maintenance costs, and ensured long-term efficiency. This case study highlights the value of smart compliance solutions in optimising building operations and achieving cost savings.

