

WESTFIELD SYDNEY CENTRAL





AZZO was asked to implement an Energy Management system at Scentre Group's flagship site, Westfield Sydney Central. Covering almost 200,000m² and containing over 350 businesses and services, this is one of the largest shopping precincts in the Australia, and one of the most complex projects AZZO has undertaken to-date.

Background

Westfield Sydney is an amazing site. What used to be four separate shopping centres were purchased by Scentre Group, which operates Westfield, and combined into one flagship precinct. This all-enclosed site encompasses seven levels of retail and three commercial towers, with Sydney Tower above. Which makes it a particularly difficult building to manage the facilities, and one of the reasons why Scentre Group enlisted AZZO.

The challenge

Often, with a site like Westfield Sydney, the building's managers require quick views and up-to-the-minute understanding of power usage. Until AZZO undertook the problem, Westfield's facilitators had to login at many different locations to view numerous different systems. This was inefficient on multiple levels, not least on internal resources, but culminating in the waste of energy and finances.

Our challenge was to provide the client with an overall SCADA (Supervisory Control and Data Acquisition) view of their power distribution and their various generator systems in order to arrest the inefficiencies.

The solution

All four of AZZO's core competencies were leveraged heavily in delivering this highly complex project. As always, Energy Management was the core pillar. However, our Electrical Engineering team was also integral, having to really understand how the facility operated, what systems were involved and how the power distribution was working, in order for us to meet Scentre Group's requirements.

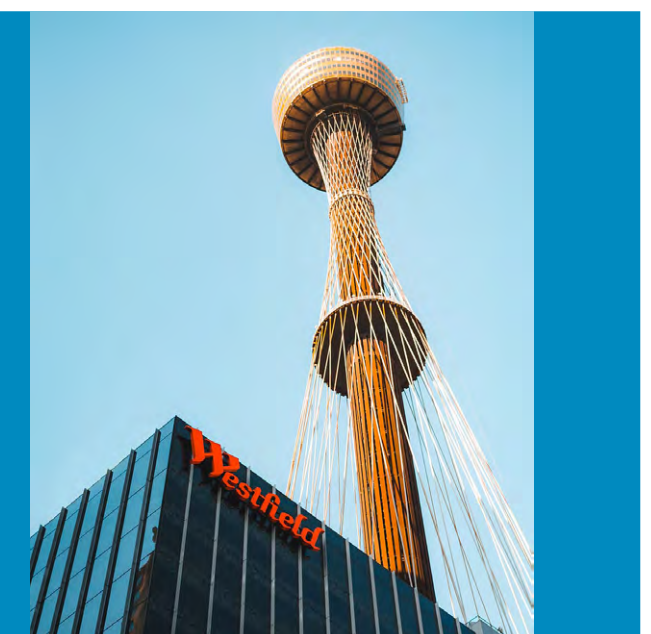
The resulting solution gives Westfield up-to-the-minute management of their energy and power demands, and gave operation insight into the facility's power distribution systems.

Through our software interface, via one single dashboard, they were able to access all their reporting requirements as visualisations, animations and live readings from their power meters, their generator systems and their BMS.

The results

From the outset, Scentre Group could see the value of AZZO's contribution, and were happy to support our role as principal contractor for the entire project.

So not only did we bring technology together, we brought contractors together, to bring the project to a very successful conclusion.



AZZO

technology comes together[®]

Contact us to
see what we can
do together

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