

ENGINEERS AUSTRALIA



Engineers Australia is the largest and most diverse body of engineers in Australia. As Australia's principal engineering association they serve and represent around 100,000 professionals at every level, across all fields of practice. They are committed to advancing engineering and the professional development of their members.

Countless organisations, institutions and government agencies rely on their expertise to create, accredit and assess engineering programs and practitioners.

Engineers Australia offers a rich history of awards to highlight the dedication and accomplishments of engineers, with thousands of events each year.

THE CHALLENGE

Andrew Sinclair, National Manager for ICT in Engineers Australia, takes up the story: "We are keeping pace with the growing challenges of a modern organisation, by implementing new technology and upgrading our nine offices across the country. These improvements could see our membership growing significantly

"The problem was that, as a 100-year-old organisation, our IT infrastructure had not really kept pace with the growing demands of our staff and members. The tipping point was an outage shortly before I joined, when no one could access any of our systems."

CUSTOMER PROFILE

COMPANY

Engineers Australia, Australia

INDUSTRY

Education

PRODUCT NAME

The Molex Cat6 solution includes MMC-00010-02 jacks, PID-00141 patch panels, CAA-00076 cable, PCD-02000 patch cords and cable minders.

SOLUTION FEATURES

Molex's PowerCat solutions have been developed with the highest performing capabilities in mind, with improved data transmission over higher frequencies and enhanced noise suppression. Molex Cat 6 cable offers enhanced alien crosstalk characteristics, allowing 10GBASE-T to be run for the same 100 meter maximum distance.

CASE STUDY

THE SOLUTION

Molex 6

As the new ICT National Manager, Sinclair masterminded the wholesale upgrade from old switching and, in some cases, handmade cabling, to an infrastructure that would support the body and its members in the 21st century.

Sinclair again: “Molex technology is being rolled out across every building. Currently (March 2020), it is installed in our newest office, which is in Brisbane, plus one of the two buildings in Sydney, and Canberra. Adelaide, Perth and Melbourne are up next.”

THE BENEFITS

New infrastructure for a growing public body.

Andrew Sinclair summarises the benefits of the new system: “The whole infrastructure is obviously far more reliable and robust. We don’t foresee any more outages! It’s also futureproof, meaning that we can add new users – be they staff or members – really easily, as well as being able to integrate new technology as it is developed”.

“In addition, for our staff, it means that their experience in each of our buildings is the same. They use one swipe card in each; their logon is the same; and the software and applications they need to use are identical across our organisation. There are huge productivity gains in each of these benefits.”

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For more information on how Molex Connected Enterprise Solutions can improve the efficiency and physical security of your IT system, please visit us at www.molexces.com