

ARISO Joins Forces with EULYNX to Support Australia's Digital Railway Journey

New partnership connects Australia to Europe's leading signalling standardisation program

The Australian Rail Industry Standards Organisation (ARISO) today announced a strategic partnership with EULYNX, one of Europe's most influential rail standardisation initiatives, joining the Consortium as an Associate Member and providing Australia with direct access to global expertise in digital signalling and rail system integration.

Established in 2014 by a group of European rail infrastructure managers, EULYNX has successfully solved many of the same interoperability, standardisation and supplier competition challenges that Australia is now facing as it transitions towards a nationally coordinated digital railway.

ARISO Chief Executive Officer [Alan Fedda](#) said Australia's rail industry has a unique opportunity to learn from international experience as digital railways continue to evolve.

"Australia does not need to start from scratch. Through this partnership we will connect directly with organisations that have already tackled many of the challenges associated with delivering interoperability at scale and driving down costs through open-access standards."

EULYNX was created to address a common challenge facing railways across Europe: the high cost and complexity of maintaining signalling systems built around proprietary technologies and national variations. Today, it brings together infrastructure managers from across Europe, India, Saudi Arabia and now Australia, to develop common signalling architectures, standardised interfaces and interoperable approaches that reduce lifecycle costs, improve supplier competition and simplify future technology upgrades.

Through its work, EULYNX has helped railways move towards a more modular approach to signalling, allowing infrastructure managers to replace and upgrade components more efficiently while maintaining the highest levels of safety and reliability. Its specifications are increasingly being adopted across the world as part of broader digital railway and ERTMS deployment programs.

"What makes EULYNX particularly valuable and relevant beyond Europe is that it has demonstrated how multiple railway organisations can work together to develop common technical specifications that improve interoperability, reduce duplication and create more competitive supply markets."

"ARISO joins a growing international community of railway organisations working through EULYNX to reduce signalling complexity, improve interoperability and accelerate the transition to digital railway systems."

The partnership, signed at InnoTrans, will support collaboration in areas including ETCS deployment, digital signalling standards, systems assurance, supplier interoperability and technical governance.

Importantly, the relationship will provide Australian rail stakeholders with access to international lessons and technical expertise accumulated through more than a decade of collaborative standards development and implementation across Europe's rail networks. This will help reduce duplication, accelerate the adoption of proven approaches and support the development of nationally consistent standards for Australia's future digital railway.

The agreement reflects ARISO's broader commitment to strengthening Australia's connection to the global rail standards community while ensuring local industry benefits from internationally recognised best practice.

"Our objective is clear: safer railways, simpler systems and stronger interoperability. International collaboration is essential to achieving these outcomes."

The partnership is expected to contribute directly to ARISO's work program supporting digital railway enablement, national standards harmonisation and long-term productivity improvements across the Australian rail sector.

EULYNX Technical Lead Mirko Blazic said the partnership represents an important step in extending international cooperation around common approaches to digital signalling.

"Digitalisation is bringing a new generation of technologies into railway signalling, and with that comes the opportunity to get standardisation right from the start. Rather than recreating proprietary solutions and interfaces in a digital environment, we have another chance to establish common architectures and standardised interfaces that support interoperability, modularity and supplier competition."

"EULYNX has shown the value of infrastructure managers working together on common requirements and interfaces, while enabling suppliers to innovate and compete. We are very pleased to welcome ARISO as an Associate Member. This creates a strong two-way exchange, allowing Australia to benefit from EULYNX experience while bringing a valuable new perspective and helping extend the reach of common EULYNX solutions into new markets."