



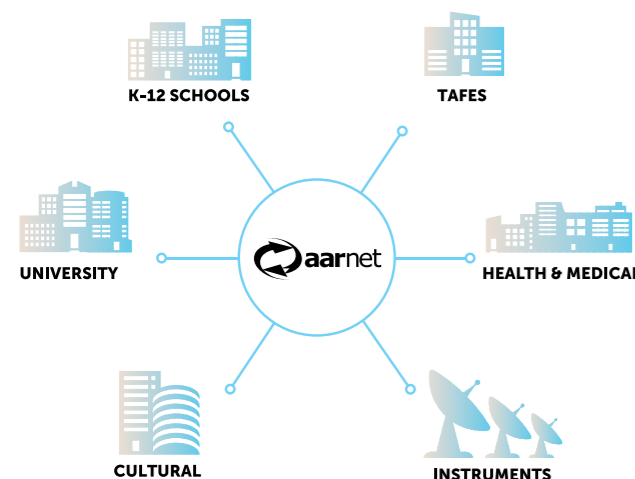
AARNet provides Australian universities, research institutes, vocational training providers, schools, libraries, museums and other organisations involved in research and education with the reliable and secure high-speed broadband network and collaboration services they need to succeed in the digital age.

FAST FACTS

- Not-for-profit company
- Pioneered the arrival of the Internet in Australia in 1989
- Owned by 38 Australian universities and CSIRO
- Licensed telecommunications carrier
- Delivers a high-performance network - 100Gbps across Australia and 100Gbps links to international destinations
- Provides a range of value-added network, cyber security, data and collaboration services

OUR COMMUNITIES

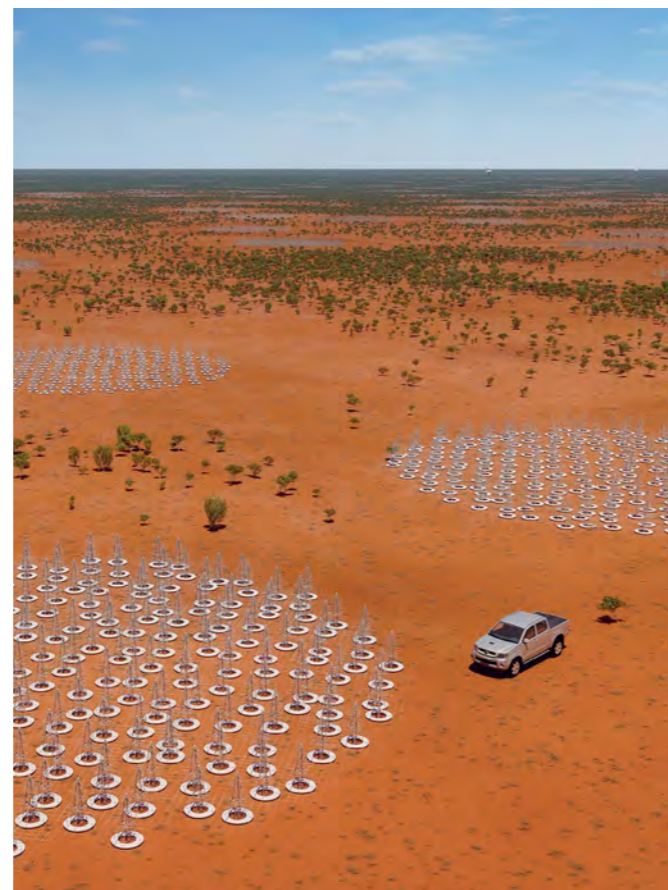
- Australian universities.
- Research institutes, including CSIRO, ANSTO, DSTG, AIMS.
- Australia's major teaching hospitals and health researchers and educators.
- Government, Independent and Catholic K-12 schools.
- TAFEs and other vocational education providers.
- Nationally significant research and education content providers, such as libraries, archives and museums.



WHY AARNET?

- The AARNet network and services are purpose-built solely for the research and education sector. The network connects over two million users—researchers, faculty, staff and students—at institutions across Australia to the internet, the global research and education community, service providers and online resources, and is specifically designed to deliver a high-quality experience for everyone, anytime.
- On a cost / performance basis, AARNet is the best value for money for research and education. We focus on creating long-term, sustainable, sector-owned infrastructure and provide our customers with high-bandwidth and quality services at low cost.
- Connecting to AARNet gives you access to AARNet's growing range of products and services, including cyber security, video conferencing, global roaming, virtual private networks, data sharing, data storage and more.
- AARNet partners with research and education networks globally. Institutions and organisations that are part of the AARNet community are also part of an international community dedicated to learning and discovery.
- We are committed to advancing excellence in Australian research and education and support our customers by developing communities of practice around our services.

AARNET'S INFRASTRUCTURE IS PURPOSE-BUILT TO INTERCONNECT RESEARCHERS, SCIENTIFIC INSTRUMENTS, DATA STORAGE AND COMPUTING FACILITIES NATIONALLY AND GLOBALLY.



OUR RELIABLE HIGH-SPEED NETWORK AND COLLABORATION SERVICES EMPOWER TEACHERS TO USE NEW TECHNOLOGIES IN THEIR CLASSROOMS.



ESSENTIAL SERVICES FOR RESEARCH AND EDUCATION

Our high-performing network and services are designed to meet the specialised connectivity and collaboration needs of the research and education sector.

AARNET INTERNET

- Connections to the AARNet network are scalable and typically 10 or 100 gigabits per second. We help you choose the right bandwidth to meet your needs.
- Your organisation will be connected to the AARNet backbone network via dedicated optical fibre provided by AARNet or one of our partner networks.
- Our engineers can also work with you to ensure your network infrastructure is optimised to make the most of the AARNet network.

EDUROAM

Eduroam is a secure global Wi-Fi roaming service developed for the research and education community. In Australia eduroam is operated by AARNet.

CAMPUS CONNECTIONS

Fast, reliable and secure private network connections for interconnecting campuses, facilities and data centres, and for connecting directly to cloud service providers such as Amazon Web Services and Microsoft Azure. We offer cost-effective dark fibre, wavelength and Ethernet solutions across metropolitan, regional, interstate and international distances.

DATA SERVICES

A range of cost-effective solutions co-developed with our customers and technology partners to meet the research and education sector's specific needs for moving, storing, analysing, packaging and preserving data.

CLOUDSTOR

Access, store, share and work with your data in one place. CloudStor provides the research and academic community with an easy-to-use collaboration workspace and integrated tools for sharing and analysing data. Individual and Enterprise options are available.

VIDEO COMMUNICATIONS

The easy and reliable virtual classroom and meeting solution, Zoom provides seamless, high-definition video and web meetings for up to 1000 participants and webinars for up to 10,000 participants, depending on the license.

DDOS PROTECTION

Our DDoS Protection service is a cost-effective solution for safeguarding your institution's internet services, information and assets from DDoS attacks. The service includes 24/7 proactive monitoring, detection and mitigation.

SECURITY OPERATIONS CENTRE

The AARNet Security Operations Centre (SOC) is a purpose-built facility that provides Australian universities with all the capabilities they need to manage cyber security incidents. Real-time monitoring and data analysis combined with incident coordination and remediation support helps you protect your campus networks, assets and people from cyber threats.

CYBERSECURITY FOR SCHOOLS

Our CyberSecurity for Schools service is a unique learning enablement and cyber safety platform. It is designed to keep students safe while allowing them to access the online resources they need to accelerate their own learning.

SUPPORT

AARNet operates a staffed 24x7 Operations Centre to monitor and maintain our domestic and international network, and to help customers troubleshoot issues with all our products and services.

Image front cover: The ATLAS detector at the Large Hadron Collider. The AARNet network forms part of the Worldwide Large Hadron Collider Computing Grid. © 2005-2020 CERN

Image left: An artist's impression of the future Square Kilometre Array antennas at the Murchison Radio-astronomy Observatory. AARNet collaborated with CSIRO to develop the data transmission networks for the next-gen telescopes located at the MRO. © SKA.org

Learn more about how AARNet customers around the country are making the most of their AARNet services.

View case studies and stories at:

▶ aarnet.edu.au

▶ news.aarnet.edu.au

More information

Find out more about these services at aarnet.edu.au or contact our Customer Relations team: CustomerRelations@aarnet.edu.au

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“AARNet is firmly focused on delivering solutions that will help the research and education sector solve some of the most pressing challenges of our time.”

CHRIS HANCOCK, CEO AARNET