

# AARNet

## Australia's Academic and Research Network



# K-12 SCHOOLS

AARNet provides hundreds of Government, Independent and Catholic K-12 Schools across Australia with the reliable high-speed broadband network and collaboration services needed to deliver a high-quality, digitally-enabled education experience to their students.

## Why AARNet?

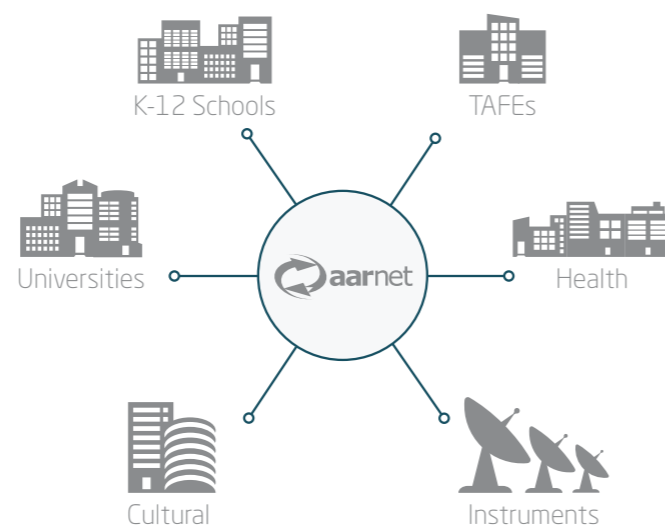
- + Our network and services are purpose built solely for the research and education sector. The network connects schools to the Internet, the global research and education community and online resources, and is specifically designed to deliver a high-quality experience in the classroom for everyone, anytime.
- + Unmetered fast access to the wide range of providers AARNet peers with, including Google, Microsoft, Akamai, National Film and Sound Archive, the ABC, SBS and more.
- + Unmetered fast access to online material publicly available at research, education and cultural institutions connected to AARNet and other national research and education networks around the world.
- + AARNet partners with research and education networks globally. A school that is part of the AARNet community is also part of an international community dedicated to learning and discovery.

## Our Communities

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

## Fast Facts

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



## Essential Services for Schools

### AARNet Connectivity

- ✓ Choose the network capacity that's right for your school. Schools typically start with a 1Gbps connection to the AARNet backbone with an increasing number of schools now opting for a 10Gbps connections as they adopt greater usage of cloud-based services for day-to-day operations and curriculum delivery.
- ✓ Your school will be connected to the AARNet backbone network via dedicated optical fibre provided by AARNet or one of our partner networks. We are a registered service provider for the National Broadband Network (NBN) which means that regional and remote schools and organisations involved in research and education can also connect to AARNet via NBN optical fibre (Enterprise Ethernet), wireless or satellite networks.
- ✓ Our engineers can also work with you to ensure your network infrastructure is optimised to enable your school to make the most of the AARNet gigabit network (additional fees may apply).

### Other AARNet Products and Services for schools

As well as connectivity, AARNet provides additional services that can help your school access resources, collaborate and make efficiencies.

### Free to AARNet Connected Schools:

- ✓ **AARNet Operations Centre**  
AARNet operates a staffed 24x7 Operations Centre to monitor and maintain its domestic and international network. AARNet customers and partners can also report network faults and conditions that may affect network performance to the operations centre support team.
- ✓ **eduroam**  
Eduroam is a secure global Wi-Fi roaming service developed for the research and education community. In Australia eduroam is operated by AARNet.
- ✓ **Onboarding Assistance**  
AARNet's Customer Success Team are available to provide guidance in smoothly transitioning to AARNet's ultra-fast services.

### Available at Additional Cost:

- ✓ **Cyber Security for Schools**  
A unique learning enablement and cybersafety platform, co-developed with AARNet customers and CyberHound, offers integrated network and security services. The solution gives teachers real time access control to respond to student needs.
- ✓ **DDoS Protection**  
AARNet's DDoS Protection solution helps customers manage DDoS attacks and the risk of disruption at critical times, such as exams and during NAPLAN.
- ✓ **Virtual Private Networks**  
Cost-effective and secure direct connections between geographically dispersed campuses and to major metropolitan data centres, Amazon Web Services, Microsoft Azure and Google Cloud.
- ✓ **Diverse Connections**  
A secondary connection to the AARNet network via a geographically separate path mitigates the risk of downtime by serving as a back-up, in case of any issues on the primary connection.
- ✓ **Video Conferencing & Cloud Telephony**  
The Zoom video meeting tool and Zoom Phone cloud telephony make it easy for staff and teachers to collaborate from anywhere in the world and bring the world of experts and digital experiences into the classroom.
- ✓ **Operations Centre Services**  
In addition to our standard operations centre network services for all customers, AARNet can also provide 24x7 monitoring of your school's network infrastructure and managed incident response.
- ✓ **SIP Trunks**  
MNF Enterprise SIP Trunks and Number Hosting allows schools to replace your legacy phone services without losing functionality or phone numbers.

Learn more about how K-12 schools around the country are making the most of their AARNet services.

View case studies and stories at:

- [+ aarnet.edu.au/k12](https://aarnet.edu.au/k12)
- [+ aarnet.edu.au/news](https://aarnet.edu.au/news)



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### More information

Find out more about these services at [aarnet.edu.au](https://aarnet.edu.au) or contact our Customer Relations team: [CustomerRelations@aarnet.edu.au](mailto:CustomerRelations@aarnet.edu.au)

IT'S HOW WE  
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