

# Who is AARNet and its role in Digital Research

Ryan Fraser, Don Mackintosh, Greg Darcy  
AARNet

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# Agenda

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About AARNET



AARNET's Role in Digital Research

# About AARNet

# Who we are and what we do

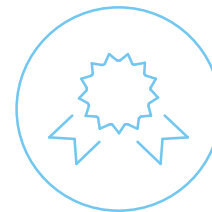
AARNet, Australia's national research and education network



Pioneered the internet in  
Australia in 1989



Not-for profit  
company



Licensed telecommunications  
carrier



Owned by 38 universities  
and CSIRO



Serves more than  
2 million people



Proudly Australian owned  
and operated

# What Services/Capabilities do we provide?

## Network and Connectivity

Fast, reliable and secure internet and solutions for connecting campuses, facilities and cloud services.

## Data and Collaboration

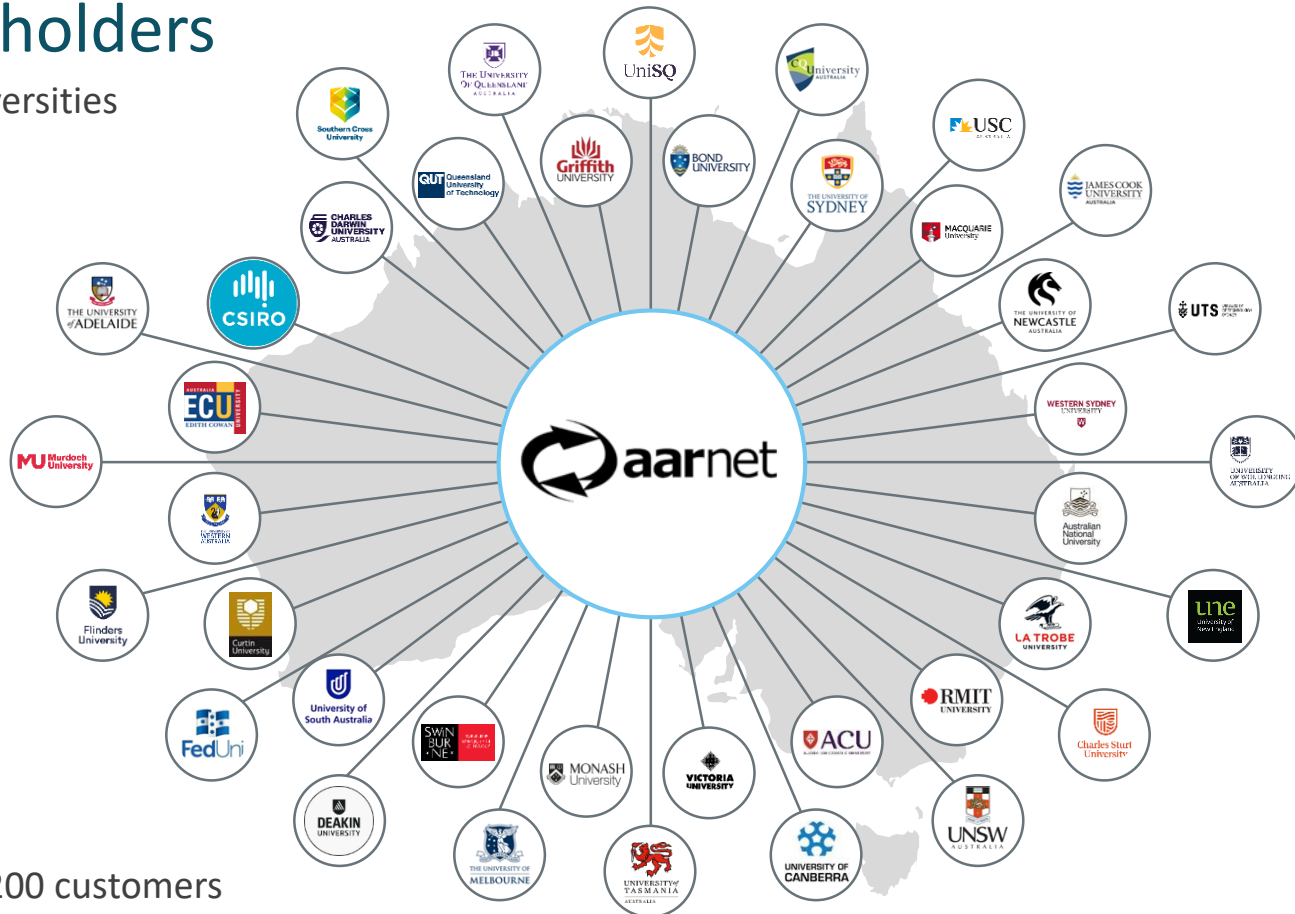
High-performing solutions for working with data and enabling collaboration virtually anywhere.

## Cyber Security

Solutions for protecting Australia's campus networks, online assets and information from cyber threats

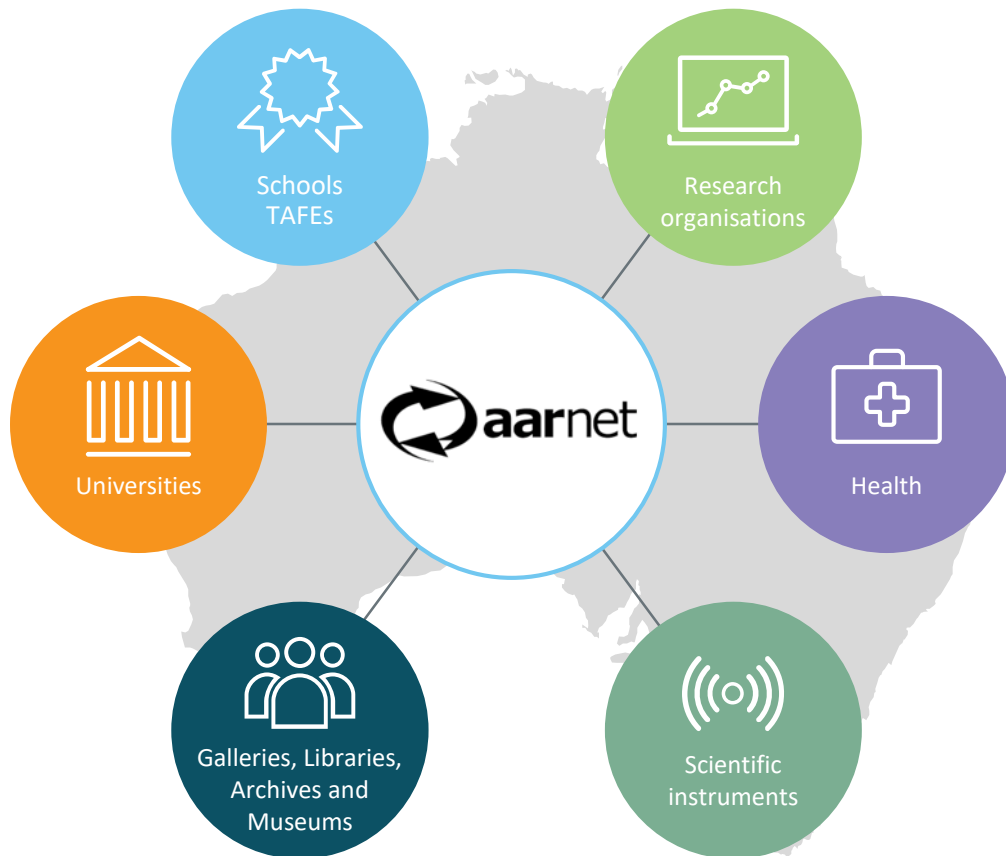
# Our Shareholders

38 Australian Universities  
and CSIRO

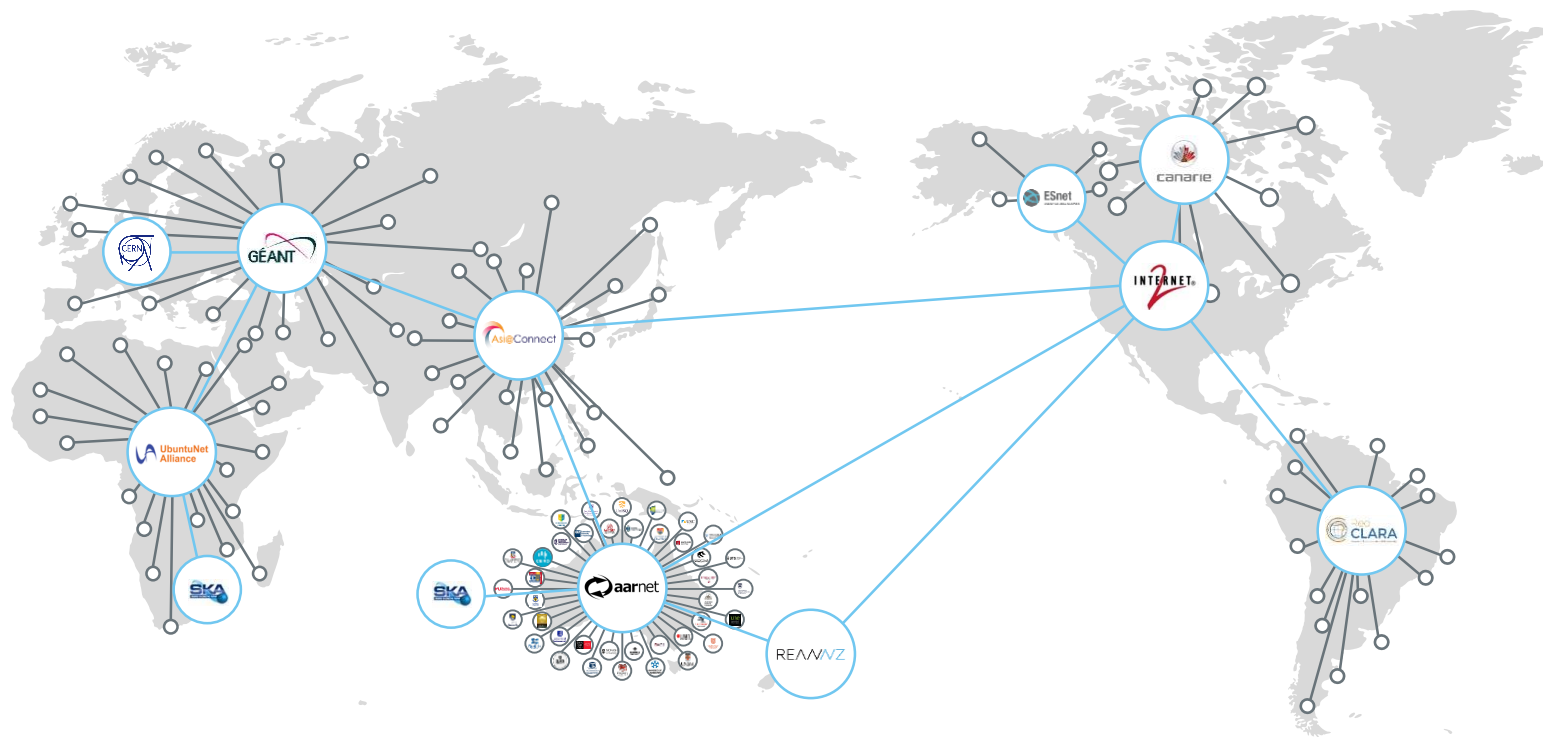


AARNET has over 200 customers

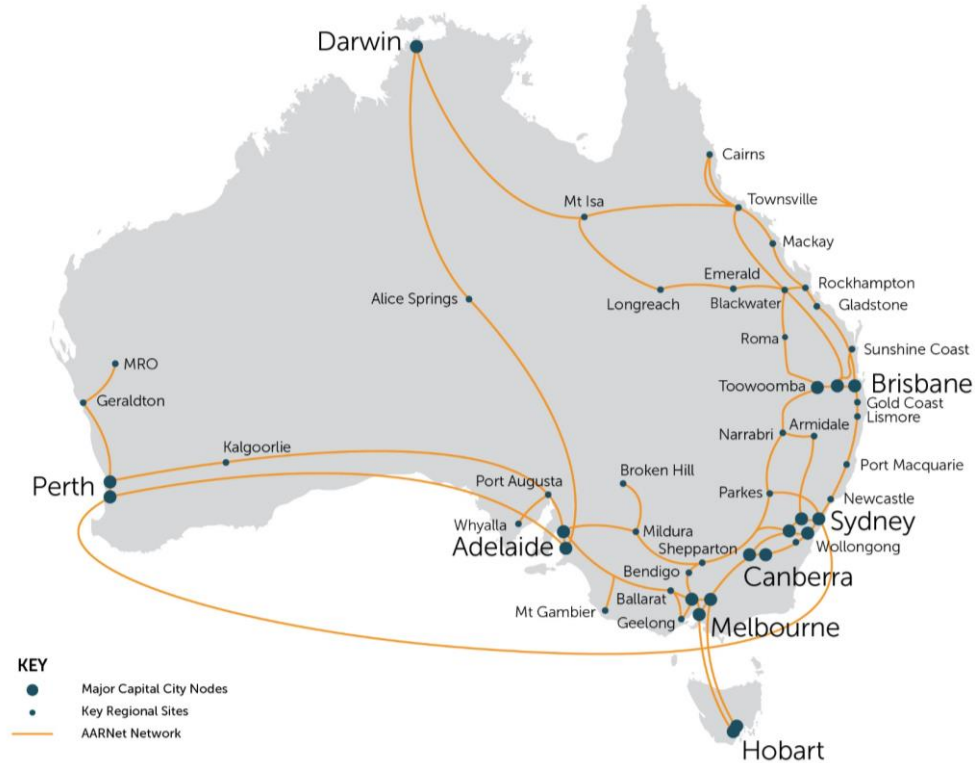
# R & E Community

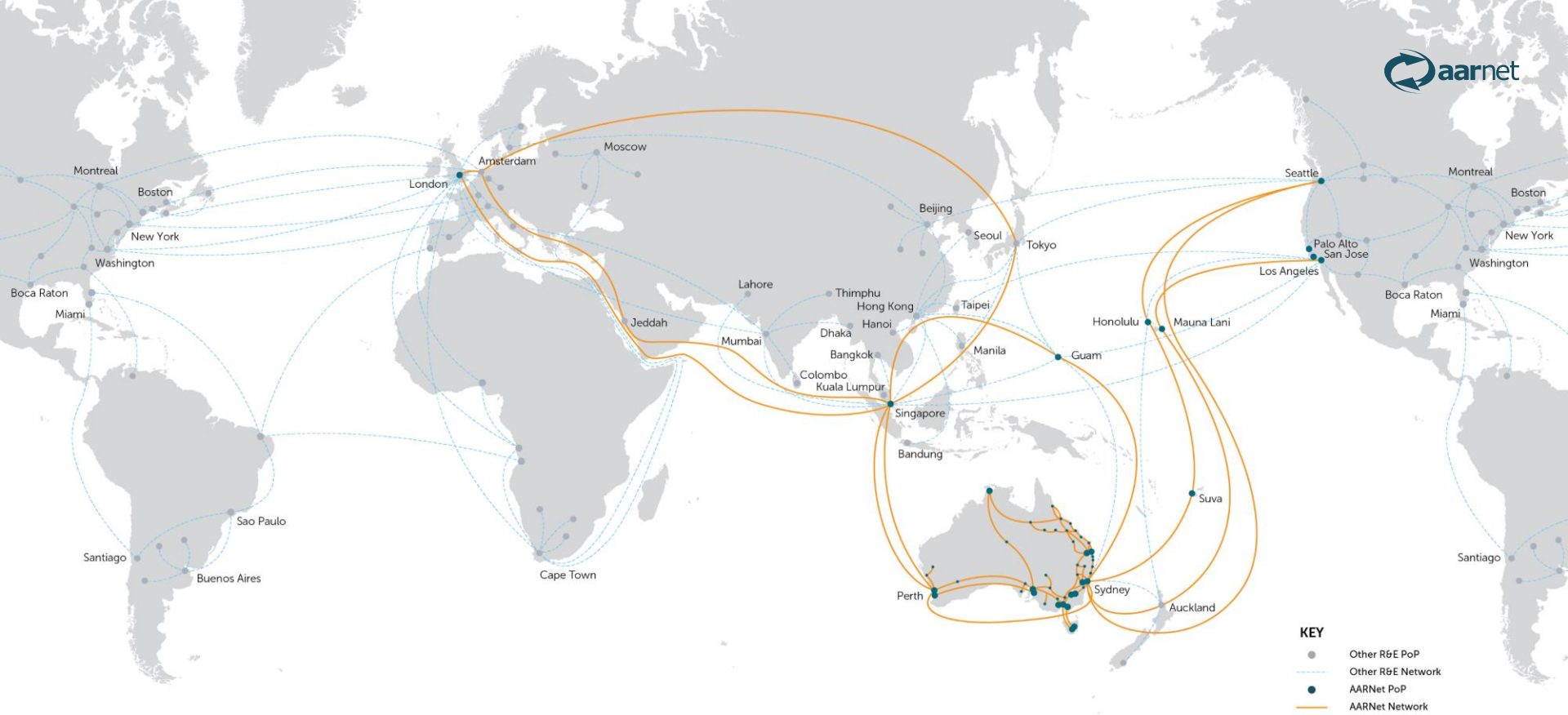


# NREN Community



# National Network





**KEY**

- Other R&E PoP
- Other R&E Network
- AARNet PoP
- AARNet Network

# International Network

# AARNET's role in Digital Research

# Where have we been?

Supporting the Research sector for ~30 years

## File Sender

### FileSender

- 2009 – ongoing
- Initially deployed to assist researchers sending large files to each other
- Secure "Pack & Send"



### CloudStor

- 2009 – December 2023
- Collaborative data platform, 1 TB for each researcher, sync and share to support the sector collaborating



### Engagement

- Supporting the sector to use the network
- Providing education and outreach on how to use data collaboration tools
- Infrastructure

# Turning Point – let the Sector lead

Where can AARNET assist, leveraging our strengths

**Up until 2023:** AARNET has been operating one of the most widely-used pieces of digital research infrastructure in Australia (CloudStor)

**Turning Point:**

We are here to support the sector as a partner – what do they need?

We have certain strengths, and we need to focus on leveraging these.

Sector Needs	AARNET Strengths
Connectivity	AARNET owns and operates the Research and Education Network in Australia
Data Movement	Extensive experience in moving data
Cyber Security	Operating a SOC for the sector and providing strong cyber security capabilities
Operational Infrastructure	24/7 operational infrastructure experience

# Where to Now?

Trusted infrastructure partner for supporting sustainable digital research



## Data Movement

- Leverage AARNet's network connectivity
- Focus on supporting research to use the network through data movement
- Assist collaboration



## Operational Infrastructure

- Support research communities with operational infrastructure to support their platforms
- Partner to ensure platforms are scalable, sustainable and successful
- Uplift security



## Collaboration

- Grow the sector's security capabilities
- Provide training and outreach on RDI
- Secure deep engagement on research infrastructure projects

AARNet is owned by the sector

Our skills are in network connectivity,  
cyber security, collaboration and  
operational infrastructure

Using these strengths, we're keen to  
collaborate and help the sector

Come and say "hi" to the team on Stand 8  
@ eRA23!





Thank You