



Connecting research and education communities around the world like never before.

# Welcome to the **neighbourhood**

The Global Real Time Communications exchange (GRTC) enables National Research and Education Networks (NRENs) and their associated institutions to interconnect existing Voice and Video over IP services.

Global Collaboration  
Powered by NRENum.net



## Benefits

- Save costs on International toll charges.
- Leverage existing Inter-NREN high-speed network infrastructure.
- Leverage existing investments in open standards based multimedia communications equipment;
- IP-PBX, Video Conferencing, TelePresence, etc.
- Leverage existing investments in High Definition video calling solutions.
- Support your Research, Teaching and Learning community by facilitating global communications using rich media.

## How it works

- Dependent on common, open standards based signaling (SIP or H.323).
- NRENum.net is the glue (<http://www.nrenum.net>).
- By-pass the PSTN using our Internet Protocol inter-NREN networks.
- Community coordinated best practice.

## How to connect?

- Talk to your local NREN representative or contact [Bill.Efthimiou@aarnet.edu.au](mailto:Bill.Efthimiou@aarnet.edu.au) .
- Assess the capabilities of your equipment for open standards based signaling. Work with your NREN to develop a plan for integration.

## International collaboration use cases

For research or teaching projects within your institution or community with international collaboration requirements, please advise your NREN representative to optimize the GRTC platform's capabilities.

