The National Research and Education Network (NREN) is a federation of infrastructure, tools, and people that are vital to Canada’s innovation and economic growth. Fourteen provincial, territorial and federal NREN Partners connect Canada’s researchers, educators and innovators to each other, and to data, technology and colleagues around the world.

**797 ORGANIZATIONS**

A dedicated, ultra-high-speed network connects 797 Canadian research, education and innovation organizations to each other and to thousands of global peers.

**+$1.2B IN GLOBAL NREN INVESTMENTS**

NREN-connected organizations leverage and benefit from over $1.2B in global NREN investments.

**CYBERSECURITY**

- Common cybersecurity monitoring on all NREN Partner infrastructures, managed by a team of NREN Cybersecurity Analysts
- Adoption of MANRS network protocol and support for connected organizations to adopt this global protocol for improved network routing security
- Opportunities for connected organizations to collaborate on common cybersecurity challenges across Canada
- Additionally, NREN Partners:
  - Provide critical support for member organizations in adopting CANARIE-funded cybersecurity initiatives
  - Participate in the governance of CANARIE’s Cybersecurity Initiatives Program
  - Work to simplify the cybersecurity landscape for connected institutions and highlight the unique cybersecurity needs of research, education and innovation organizations to federal funders

**SHARED AND VALUE-ADDED SERVICES**

Individually, NREN Partners offer a range of shared and value-added services, based on the needs of their connected member institutions.

**HOW DOES IT ALL WORK? THE POWER OF FEDERATIONS**

The NREN federation operates based on three principles:

1. **DIVERSITY** the NREN recognizes and embraces the diversity among its members and uses this diversity to deepen its understanding of community needs and how to best meet them
2. **DEPENDENCY** NREN Partners recognize the critical role each plays in connecting institutions within a jurisdiction, with the federal partner CANARIE responsible for interprovincial and international connections
3. **DEMOCRACY** Each NREN partner participates in the NREN Governance Committee, with an equal voice and equal vote in the evolution of the NREN

**IT’S A POWERFUL MODEL THAT IS EVOLVING TO MEET THE CHANGING NEEDS OF CANADA’S RESEARCH, EDUCATION, AND INNOVATION COMMUNITIES.**