



MEMBER LED.  
MEMBER FOCUSED.

304 Higher Education Members

43 R&E Networks

45 Affiliate Members

86 Industry Members

**INTERNET2**

**100,000**  
Connects nearly 100,000 research, education and community anchor institutions nationwide and 100 global nations.

**100G**  
The Internet2 Network provides 100 Gigabit per second connectivity on a 17.6 Terabit per second optical transport system covering over 18,000 network miles— designed specifically to support the demands of high-performance applications and distributed computational science.

**1,000**  
Nearly 1,000 organizations participate in InCommon, which provides secure, privacy-preserving single sign-on to collaborative resources around the world.

**25**  
Offers 25 leading cloud solutions validated by peers for security, performance and accessibility.

**\$150 million**  
Provides access to a \$150 million advanced technology asset portfolio for a membership fee equaling .25% of the asset portfolio.

## Internet2 Benefits for HE Members

### Internet2 Membership Positions Your Institution for Success

- Tackle complex and pressing information technology challenges in higher education and scholarship as part of a group of leading U.S. institutions
- Shape the course of IT innovations—learn how institutions use community-developed Internet2 technologies to solve problems and further their research, education and service missions
- Take part in a community that convenes the brightest minds in higher education
- Contribute to and benefit from shared advocacy on national issues
- Participate in program advisory and steering groups, collaborative working groups, task forces and other specialized communities of experts
- Enjoy reduced registration rates for Internet2 events
- Receive advice and letters of support from Internet2 for research projects and grant applications
- Gain marketing and communications support for key accomplishments and initiatives

Learn more: [membership@Internet2.edu](mailto:membership@Internet2.edu)

### Trust and Identity

Internet2's Trust and Identity division encompasses a number of community-driven services to support collaboration, and identity and access management, for higher education and research through:

- **InCommon Federation** – Providing a collaboration-ready trust framework for research and education, including single sign-on and privacy-enhancing exchange of information among participants, and access to global collaboration services
- **Software Engineering and Development** – Ensuring key Identity and Access Management (IAM) suite software components work together and are sustainable, with straightforward installation and configuration (including Shibboleth, Grouper, COmanage, and midPoint); also working with research and education on adoption strategies
- **eduroam** – Ensuring the U.S. node for this global federated wireless service is robust and sustainable—enabling secure and fast internet connectivity for researchers, students and staff across campuses and millions of access points across the globe.
- **InCommon Certificate Service** – Operating this community-developed enterprise-scale certificate service, with unlimited SSL, EV, and other types of certificates for one annual fee available to U.S. higher education

Learn more: [internet2.edu/vision-initiatives/initiatives/trust-identity-education-research/](http://internet2.edu/vision-initiatives/initiatives/trust-identity-education-research/)

## Internet2 Operates the Fastest, Most Advanced Network for Higher Education in the U.S.

- Support and shape the network, assuring capacity and assets are available to meet the demands of research and education
- Connect through Internet2 regional partners and pass traffic on a backbone that is built on 100 gigabit Ethernet technology on the entire footprint
- Connect to more than 65 R&E networks globally to support your international research collaborations
- Build Layer 2 paths with other parties that are part of an open exchange on the network
- Access technical assistance around network performance issues through use of Deepfield analytics to track, model and visualize campus use of the network
- Subscribe to cloud-based volumetric DDoS mitigation service
- Use the Internet2 and regional partner networks to access Microsoft Azure Express Route, Amazon's AWS Direct Connect and Google Cloud Platform Dedicated Interconnect



Learn more: [networkdevelopment@internet2.edu](mailto:networkdevelopment@internet2.edu)

## Internet2 Solves the Cloud Conundrum for Campuses with a Unified Portfolio of Solutions Tailored for Higher Education

- Subscriptions to the full portfolio of NET+ services: [internet2.edu/cloud-services/](https://internet2.edu/cloud-services/)
- Leverage the capacity of your Internet2 network connection for enhanced performance and delivery of cloud services
- Enjoy rapid deployment and ease of integration of commercial cloud services uniquely configured for academic needs, legal terms negotiated via the power of a large community, and frequently substantial financial savings
- Opportunity to help set NET+ service requirements, and identify and validate enterprise cloud solutions that are effective in meeting broad research and instructional needs

Learn more: [internet2.edu/vision-initiatives/initiatives/internet2-netplus/](https://internet2.edu/vision-initiatives/initiatives/internet2-netplus/)

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