



INTERNET2 MEMBERS

ADVANCE

RESEARCH & EDUCATION

Discover where our members find value

Join the community of R&E IT Leaders ————— ●●●→ INTERNET2.EDU/ADVANCE

If not for Internet2 members...
Our world would be a different place.

Internet2 members move scholars,
scientists, and researchers into the future.

Universities founded Internet2 to empower member institutions to make advancements as a community that were not possible to accomplish on their own.

Technologically, scholarly, and scientifically advanced institutions win more funding, do better work, and attract the best students, faculty, and researchers.

Internet2 empowers
member institutions



What do you love about being an Internet2 member?



John Kolb, CIO
Rensselaer Polytechnic Institute



"Regardless of the challenge or opportunity I'm facing, my peers are in a similar position. I have a community that can discuss and determine how to move forward with shared solutions that address our needs."

Carrie Rampp, VP & CIO
Franklin & Marshall College



"We save immense amounts of dollars and resources. When I need to immediately scale bandwidth and connect to new applications or providers, we have community ownership and control of our infrastructure."

Tracy Futhey, VP & CIO
Duke University



"Seamless connectivity across the world would be nearly impossible without the community-owned and operated cyber-infrastructure through Internet2."



INTERNET2 IS US.

About Internet2 members

As technology leaders, Internet2 members are committed to advancing the technical capabilities of research and education (R&E).

What our members accomplish together, they could not do on their own.

Our membership comprises:

- CIOs, CTOs, CISOs & Technology Experts
- Executive Leaders
- Educators
- Researchers
- Research Computing & Data Professionals

From institutions & organizations consisting of:

- U.S. Universities
- Regional and State R&E Networks
- Government Agencies
- Industry Collaborators
- National R&E Network Operators Representing 100+ Countries
- K-12 Schools, Community and Vocational Colleges, Public Libraries, Health Care Facilities, Museums, and Other Cultural and Historic Organizations

See the full listing of our membership at: internet2.edu/community

Internet2 gives you & your institution

ACCESS to the people,
networks, and **technologies**
that can help you **LEAD**



NETWORK

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SECURITY

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CLOUD

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COMMUNITY

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Access the Internet2 Network Infrastructure



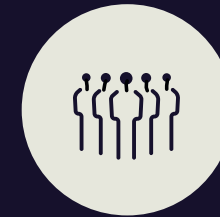
NETWORK



SECURITY



CLOUD



COMMUNITY

Revolutionary things become possible with exclusive access to the national high-performance network infrastructure.



NETWORK



SECURITY



CLOUD



COMMUNITY

Access the Internet2 Network Infrastructure

ADVANCING EDUCATION & SCIENCE

Internet2 delivers the national high-performance network infrastructure built to advance education and science.

PROVIDING PERFORMANCE & RESILIENCY

The Internet2 network provides performance, resiliency, security, and fully automated capabilities demanded by the most advanced applications—all with a greener footprint.

CREATING GLOBAL ACCESS

Internet2 creates global access to next-generation research and scholarship.





NETWORK



SECURITY



CLOUD



COMMUNITY

Your Value Includes

Members get direct access to the largest cloud providers through Internet2 Peer Exchange and Cloud Connect

Unique visibility into the network's performance worldwide, with stats and availability metrics transparent to all members

Global reach and global scale for your R&E collaboration

Network automation, orchestration, and management—incorporating AI and machine learning for smarter, more efficient network operations

A network with exponentially more capacity than other consumer networks

Participating in the use of advanced technologies that decrease the network's total power consumption by 68%—significantly reducing its carbon footprint



NETWORK



SECURITY

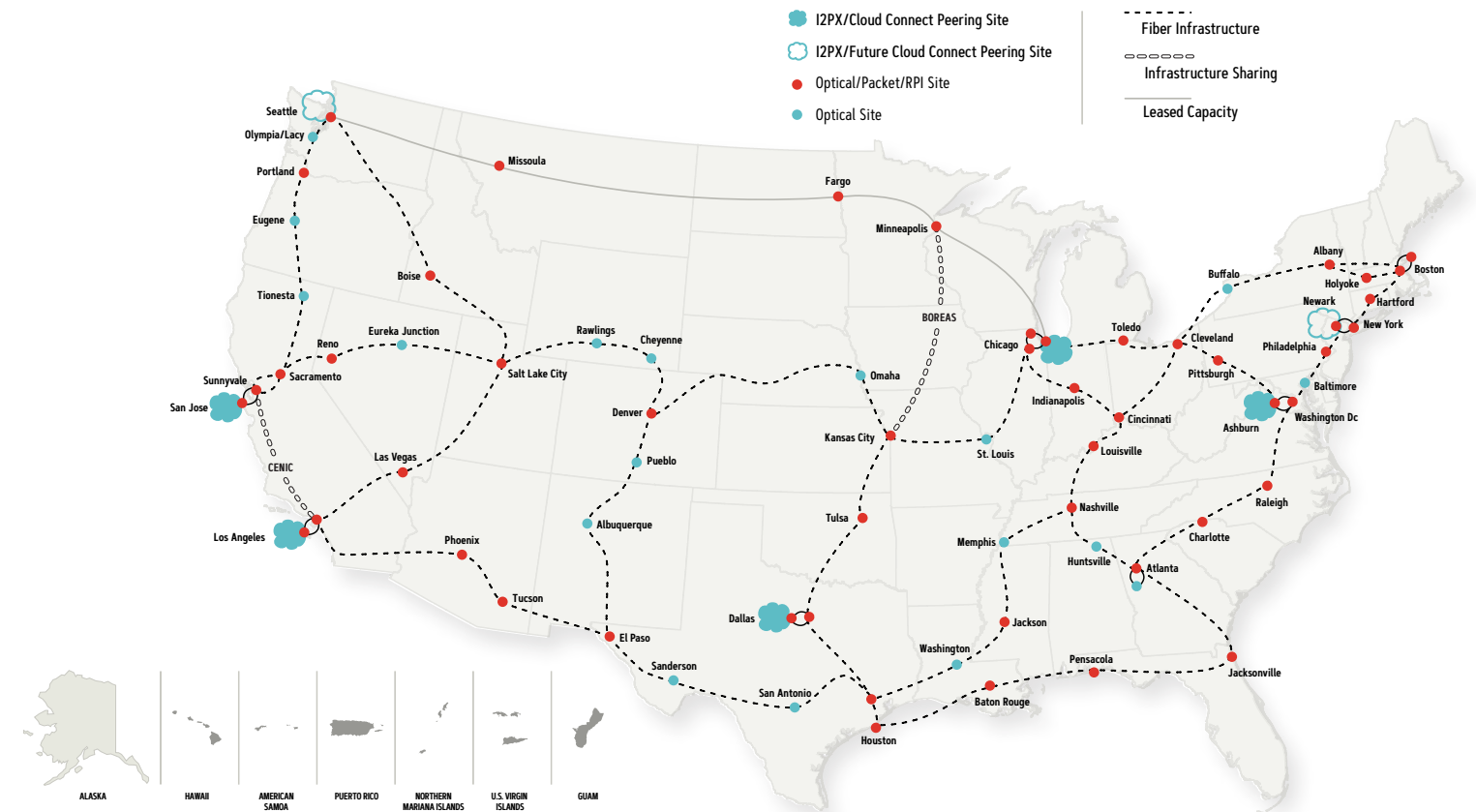


CLOUD



COMMUNITY

About the Internet2 Network, Available to All Member Institutions



800G

Wavelengths of network capacity

32 Tbps

Capacity per link with zero congestion

100% Automated

Configuration management and service provisioning

12,000 Miles

Of optical fiber spanning the contiguous U.S.

11+ Petabytes

Network traffic daily

390+

Universities, scientific & research facilities, data assets & HPC resources

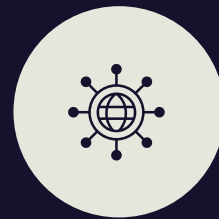
100+

Countries connected across...

70 National

R&E networks

Access Trusted Security & Identity



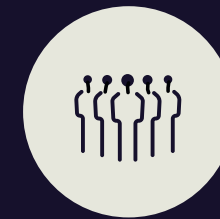
NETWORK



SECURITY



CLOUD



COMMUNITY

Secure and seamless identity access management (IAM) allows members to maintain a secure infrastructure and enable frictionless collaboration with other institutions around the world.



Access Trusted Security & Identity

EXTEND CONTRIBUTIONS

Internet2 Members extend the contributions of teaching, learning, scholarship, and research because IAM is already integrated across the globe through a community-developed trust network, single sign-on, and seamless access to cloud and local services.

BOLSTER YOUR INFORMATION SECURITY

Internet2 helps members bolster their information security with a portfolio of community-vetted cloud security services and community-powered security standards.

PROTECT CLOUD-BASED FUNCTIONS

Internet2 helps members protect cloud-based academic and business functions, and identify service issues across national and international networks.





Your Value Includes

Single-access credentials to the worldwide R&E community

Access to InCommon Academy—
Training on how to use and optimize federated identity services

Preferred pricing on website security certificates, including automated certificate lifecycle management

Stronger routing integrity with Internet2 community-powered security standards

Access to cloud security services that are all vetted by the Internet2 community including: NET+ Service-Now, NET+ Splunk, NET+ Duo, and NET+ CrashPlan

Performance and analytics services to help identify service problems across national and international networks

Access to eduroam, giving your users seamless and secure access to 33,000+ global WiFi hotspots



NETOWRK



SECURITY



CLOUD



COMMUNITY

Security & Identity, Available to All Member Institutions

1,000+

Incommon participating organizations

690+

Incommon certificate service subscribing institutions

271,400+

Active certificates to institutions

3,900+

Volunteer hours contributed annually to drive the work

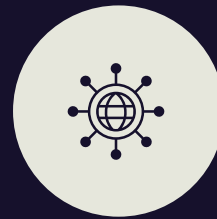
3,400+

eduroam hotspots across the U.S.

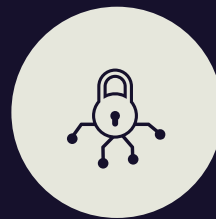
20 Years Experience Helping Organizations
Futurize Their Access Management Strategies



Access Customized Cloud Services



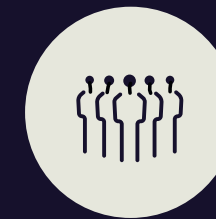
NETWORK



SECURITY



CLOUD



COMMUNITY

Save cost, manage risk, and implement optimized services faster with access to leading cloud services customized for colleges, universities, and R&E organizations.



NETWORK



SECURITY



CLOUD



COMMUNITY

Access Customized Cloud Services

EASIER & MORE SECURE

Internet2 gets you to the cloud easier and more securely, with the largest service providers.

VENDOR MANAGEMENT & PROCUREMENT

Internet2 NET+ provides community-powered vendor management and procurement with pre-negotiated contract terms, pricing, and services tailored for the R&E community.

SECURITY, COMPLIANCE, & CONTRACTING

Internet2 NET+ develops and customizes cloud services to meet the specific needs of R&E - security, compliance, and contracting.





NETWORK



SECURITY



CLOUD



COMMUNITY

Your Value Includes

Faster and more secure access to the world's largest cloud providers

Opportunities to apply for cloud grants and credits

20+ leading cloud services customized for R&E

Customizations for Internet2 members include:

- Pre-Negotiated Terms and Pricing
- Service Vetting by Peer Community
- Vendor Management at Scale
- Accessibility Requirements Met
- Security Reviews
- Integration with R&E Technologies

Training for your IT team via Cloud Learning and Skills Sessions (CLASS), workshops, and events

R&D opportunities with federal agencies



Customized Cloud Services, Available to All Member Institutions



Largest

Cloud providers accessible via dedicated interconnect & existing peering

Up to 5 Gbps

Cloud connect direct (IaaS) access at no additional cost

10 Gbps

Interconnections to any service provider, including any cloud provider

1,100+

Active subscriptions

520+

Institutions subscribing to NET+

110+

Institutions contributing to a NET+ service evaluation

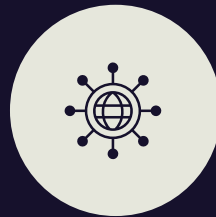
25+

Advisory & working groups

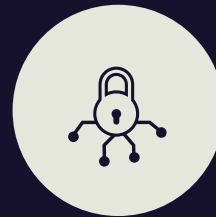
20+

Leading cloud services

Access the Internet2 Peer Community



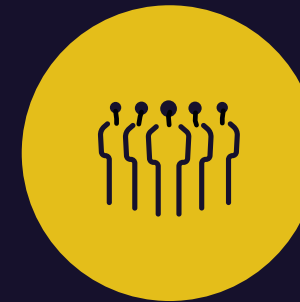
NETWORK



SECURITY



CLOUD



COMMUNITY

The Internet2 community of peers is what creates leverage, efficiency, and capability for you and your institution.



Access the Internet2 Peer Community

EXPAND LEARNING, SCIENCE, & RESEARCH

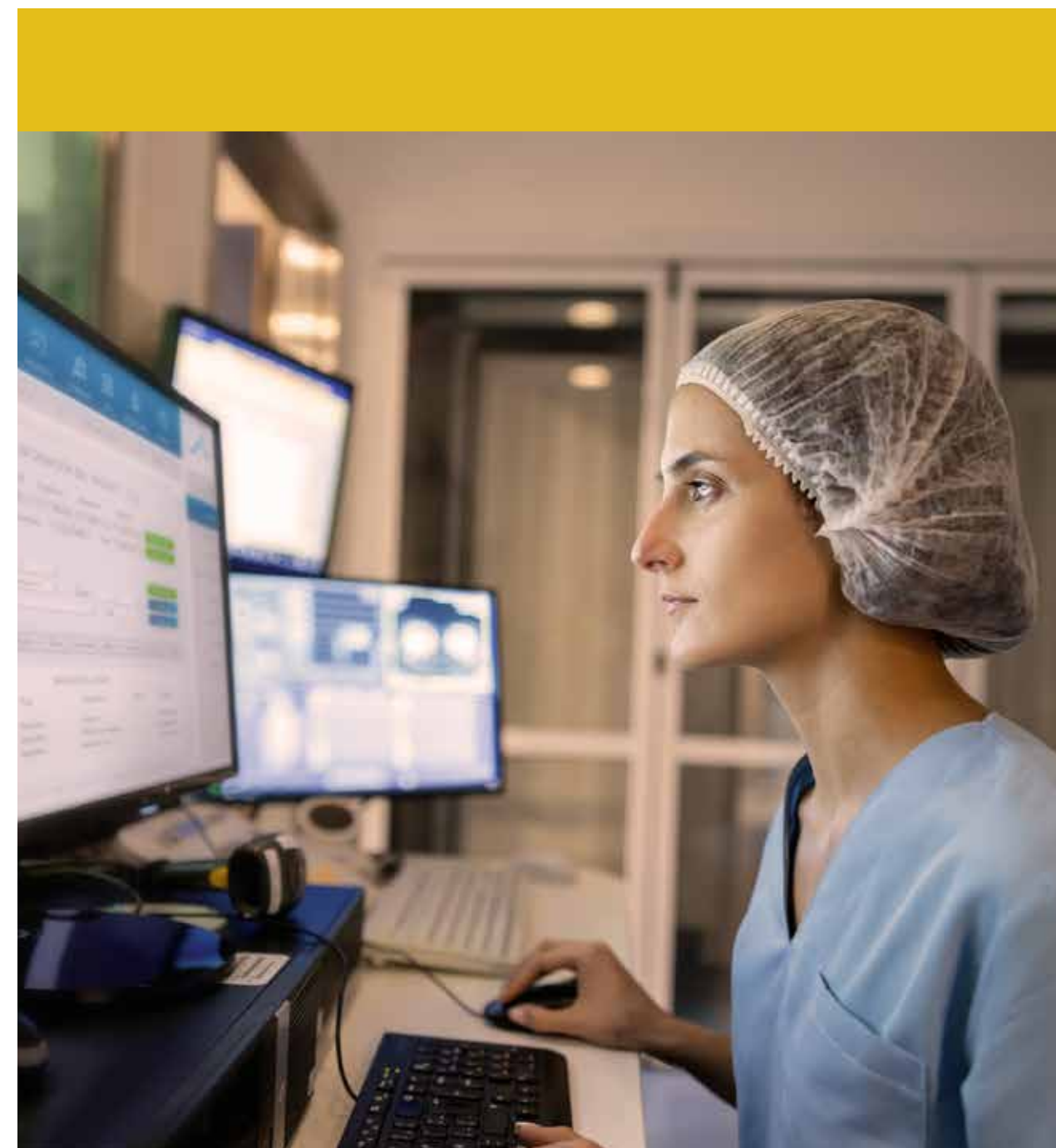
Internet2 community members join together to expand learning, science, and research capabilities of their institutions.

TRANSCEND INSTITUTIONAL BOUNDARIES

Internet2 is a human network that transcends institutional boundaries and creates partnerships

CO-CREATE WITH OTHER R&E LEADERS

Internet2 is the hub of partnerships that R&E leaders use to co-create custom services and infrastructure for the best science and scholarship.





NETWORK



SECURITY



CLOUD



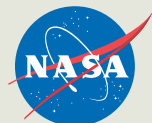
COMMUNITY

Your Value Includes

Members-only Advisory and Governance Groups providing direction and input on the future of Internet2 services and programs

Support for your institution's research through consultation, training, advanced technologies, and funding support

Access to partnerships with:



Members-only rates for community events

Resources, tools, and relationships to lead your organization more effectively

Benchmarking from peer communities and active interaction with peers



About the Internet2 Peer Community, Available to All Member Institutions



95%

of nation's largest research institutions

100%

Membership of nation's regional R&E networks

1,000+

Incommon higher education, research, & corporate participants

2,000+

Live event attendees per year

100+

Countries & research network connections

80,000+

Institutions contributing to a NET+ service evaluation

330+

Higher education members

50+

Affiliate & government members

46

Regional & state networks

