

EMPOWERING COMMUNITY ANCHOR INSTITUTIONS

OSHEAN'S DEDICATED FIBER OPTIC NETWORK ENABLES

400
GIGABITS
per second of
backbone capacity

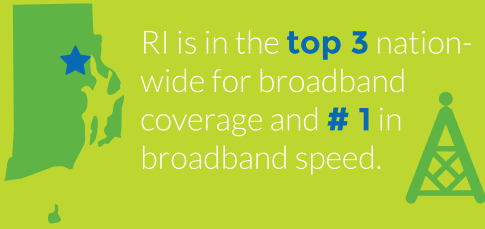
allowing schools &
libraries to connect at

1,000
MEGABITS
per second

> **50**×

faster than the speeds being
offered to homes in Rhode Island.

WITH OSHEAN'S HELP



THE OSHEAN NETWORK COMPRISES

450 +
miles
of fiber optics

OVER 125 COMMUNITY ANCHOR INSTITUTIONS

are now connected
over the OSHEAN
network



86
PUBLIC & PRIVATE
SCHOOLS

EMPOWERING
ROUGHLY

133,500
STUDENT LEARNERS*



*Based on 84% penetration of RI public school districts and 2014 population data. <http://infoworks.ride.ri.gov/state/ri>

16
PUBLIC LIBRARIES

with
over



600
PUBLICLY AVAILABLE
COMPUTERS

and



12
MOBILE
COMPUTING LABS

WHO'S ON THE OSHEAN NETWORK IN RI?

34
36
of School Districts in RI



37
39
of RI Cities & Towns

Stronger Together

At OSHEAN, our members are truly stronger together. By collaborating, members benefit from an unprecedented network of like-minded professionals who exchange best practices, solve problems, share information and strategies, and help one another to take advantage of the newest advancements in networking solutions. Additionally, OSHEAN advocates for national and local access to and utilization of first-class services in support of its members' missions. OSHEAN connects members with resources and technology partners and helps negotiate and manage the resulting relationships.

MEMBER BENEFITS INCLUDE:

COLLABORATION

OSHEAN members enjoy the benefits of collaboration: sharing expertise, best practices and resources with other peer members.

COMMUNITY

Our members have the opportunity to actively participate in OSHEAN's strategic direction in terms of resource allocation, technology selection and budget planning. It is through the collective expertise of our membership that OSHEAN is able to adopt new, effective, technologies that offer cost-savings and efficiency opportunities that would not be possible without a vested membership community.

CONVENE/CONNECT

OSHEAN members interact and get informed about policy, programs, new applications and technology trends. Additionally, OSHEAN members can collectively advocate for national and local access to and utilization of first-class networks to support their missions. OSHEAN proudly acts to connect members with resources.

COST-SAVINGS

OSHEAN offers a number of cost-savings programs for members such as pre-negotiated VMware Enterprise License pricing, nationally negotiated ISP pricing, member to member infrastructure and colocation environment sharing and multi-tenant virtual private cloud services.

EVENTS & TRAINING

OSHEAN regularly hosts members at in-depth training seminars to ensure that they are up-to-date on the latest technologies. OSHEAN also hosts networking events throughout the year where members enjoy meeting with their peers in a comfortable environment to discuss the latest challenges and opportunities in their increasingly technology-driven work environments.

MEMBER TO MEMBER PRIVATE PEERING

All members that subscribe to IP services from OSHEAN are able to access private peering via OSHEAN's Enriched Internet Services. OSHEAN has the ability to keep this traffic "On-Net" for better performance and cost savings. This means that traffic stays local and thus avoids the commercial Internet; it is simply switched through OSHEAN routers. This also enables unmetered access to Microsoft Updates, ESPN, Akamai and Netflix.

INTERNET2

As a regional Internet2 connector, OSHEAN provides a tight integration with Internet2's 100 Gbps nationwide backbone and access to all of Internet2's resources and unique services.

NEREN

The OSHEAN Beacon 2.0 Network is directly connected to the Northeast Research and Education Network (NEREN) at 375 Promenade Street in Providence, Rhode Island. OSHEAN is able to provision virtual circuits to the NEREN Colocation Facility in Springfield, Massachusetts or any other NEREN node location in Rhode Island, Connecticut or Massachusetts.

DID YOU KNOW?

That OSHEAN members collaborate and innovate together to bring the very best technical solutions to their users, have a joint meeting space to hold events and regularly share resources and best practices on the OSHEAN website? Don't miss out! Visit www.oshean.org or call Nimota Garcia at 401-398-7512 to learn how to get involved.