

About OARnet

The Ohio Academic Resources Network provides technology solutions for Ohio's education, public broadcasting, health care and government communities. Founded by the Ohio Board of Regents in 1987, OARnet identifies and deploys shared services that reduce costs, deliver quality programs, increase productivity and improve customer service.

Through OARnet's flagship shared service – the network – and its expansion into virtualization and cloud computing shared services, the organization promotes community and economic development by expanding access to affordable technology.

Support Center

The **Network Operation Center (NOC)** staff works very closely with OARnet's network engineers, systems administrators, web developers and video experts to provide prompt, courteous resolution to client concerns.

Contact

1.800.627.6420 • support@oar.net

Notices

Follow planned and current outages:
www.oar.net/notices
twitter.com/oarsupport

Hours of Operation

Staff on-site: 7:00am - 12:30am daily
On-call operation: 12:30am - 7:00am daily

Contact

For more information on **OARnet** Shared Services, please contact your client relationship representative:

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OARnet Shared Services

Reduce your technology costs and increase productivity

By combining the technology requirements of its communities, OARnet negotiates competitive prices for you on the following shared services:

- Network Backbone
- Internet Connectivity
- Virtualization Software
- Co-location
- Telepresence
- Emergency Web Hosting
- Cloud Computing



Network Backbone

More than 1,850 miles of fiber create the network backbone. It uses the most cost-efficient and advanced-technology solutions to connect member organizations and other clients to the network.



The network was designed to extend into the education, health care, public broadcasting and government communities, thereby lowering your broadband access cost.

Internet Connectivity

By negotiating aggregated Internet services on the consortium's behalf, OARnet can secure prices from service providers that you couldn't obtain individually. Three levels of Internet connectivity are available:

- IntraOhio bandwidth. Network traffic that stays within the State of Ohio, which costs less than regular commodity Internet (for higher education members only.)

- Commodity Internet (also called Internet1.)

- Internet2. Non-profit, national network dedicated to research and education. OARnet is Ohio's access point to Internet2.



Virtualization Software

Virtualization software reduces your costs for physical IT hardware (servers, desktops, etc.), lowers operational and maintenance costs, and improves maintenance capabilities. You also reap "Green" IT savings through lower power, cooling and space costs.



Through OARnet's virtualization program, you can license VMware virtualization software license and maintenance at significantly reduced prices.

Co-location

From disaster recovery readiness to load balancing to virtualization, co-location can provide numerous advantages. OARnet's co-location service provides you with cost-effective, worry-free space, with connections back to your organization via OARnet's high-speed network.

OARnet's co-location program offers secure server space in Dayton. You have 24-hour key-card access, technical support, 20 amps of AC power, uninterruptible power supply, fire detection and suppression, multiple connection feeds, controlled environmentals and more.

Telepresence

If you need a venue for a videoconference, consider using OARnet's pilot telepresence system located at 1224 Kinnear Road, Columbus. An advanced form of videoconferencing, telepresence creates the illusion that meeting participants are all in the same room by using high-definition technology and a sophisticated array of hardware and software.

Emergency Web Hosting

During a crisis, your Web site becomes a nexus for information. With OARnet's Emergency Web Hosting Service, you will always have a Web site available, even if your network is adversely affected by fire, weather or construction mishaps, or your campus server goes down from sharp increases in traffic.

OARnet's solution offers a faster resolution than using a DNS redirect. By implementing an IP intercept to redirect traffic to the emergency website, full implementation is complete in less than two hours.

Future: Cloud Computing

OARnet's community cloud will deliver the advantages of a private cloud without the expense.

Different service models are being designed to meet your needs, including a fully managed Gold level, Silver level, with a menu of supported services such as security and backup; and Bronze level, which provides Infrastructure as a Service.