

A comprehensive
statewide
technology
organization
delivering

OH·TECH



214
teraflops
of peak
supercomputing
performance

Dynamic, Seamless Innovation

Ohio Technology Consortium



13
trillion
megabytes of
annual network
data traffic

Ohio Supercomputer Center
OhioLINK
OARnet
eStudent Services
Research &
Innovation Center



70
million
shared print
and electronic
resources



60
thousand
online courses &
digital education
resources

OH-TECH offers its clients the richest suite of statewide technology resources of any state in the country.

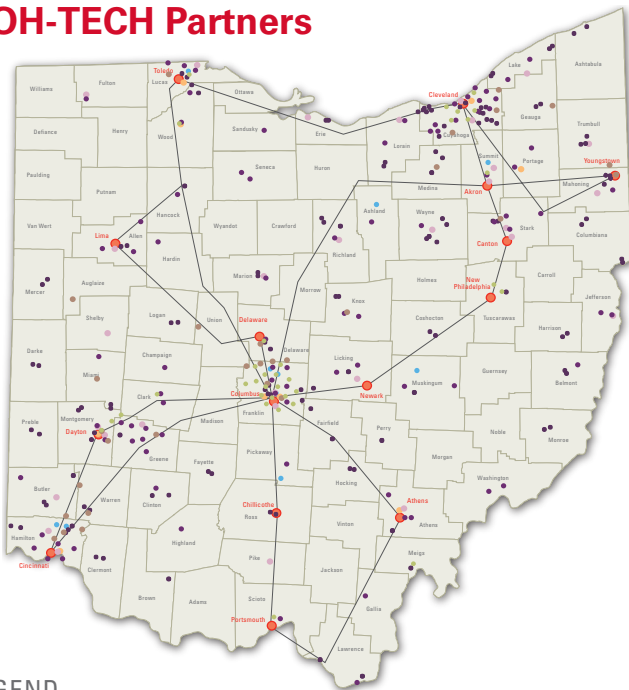
Ohio Technology Consortium

Dynamic, Seamless Innovation

OH-TECH's primary purpose is to deliver next-generation technologies, information and world-class expertise to provide Ohioans with a strong foundation for education, innovation and discovery. OH-TECH is comprised of five consortium member organizations: the Ohio Supercomputer Center, OARnet, OhioLINK, eStudent Services and the Research and Innovation Center.

As a division of the Ohio Board of Regents, OH-TECH streamlines the operational efficiency for Ohio's statewide information and technology organizations. Internally, OH-TECH provides advanced services to its member organizations through the efforts of staff in the areas of Shared Infrastructure, Consortia Fiscal Services and Policy & Communications.

OH-TECH Partners



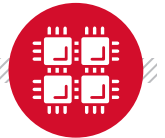
LEGEND

- 88 Higher Education Campuses
- 76 Higher Education Regional Campuses
- 23 K-12 Education ITCs
- 15 Local Governments or State of Ohio Agencies
- 30 Industry Partners
- 6 Health Care Facilities
- 9 Public Broadcast Stations

“Because of our burgeoning ability to solve big problems, I propose that, instead of America’s Rust Belt – in addition to the Knowledge Belt and beyond the Recovery Belt – you will recognize the Midwest in just a few short years as America’s Innovation Belt.”

– Dr. Caroline Whitacre
Vice President for Research
The Ohio State University

Ohio Supercomputer Center

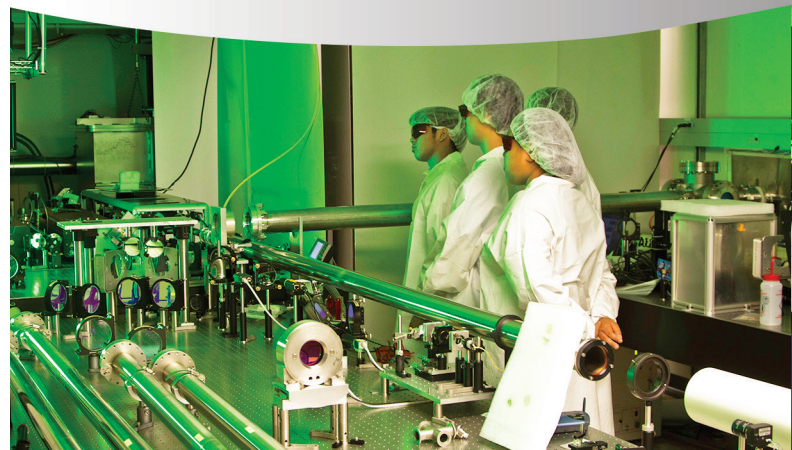


Empower. Partner. Lead.

The Ohio Supercomputer Center provides supercomputing, cyberinfrastructure, research and educational resources to a diverse state and national community, including education, academic research, industry and state government.

OSC resources include:

- Installation of hardware and software applications for use with OSC supercomputing systems, which deliver a combined peak computing performance of more than 200 Teraflops. Our consulting staff will also work with you to resolve problems, port and optimize codes
- Providing advanced computing technology solutions to small and mid-sized companies through the AweSim public/private partnership, allowing for reduced time to market for products and services
- Workforce education through innovative programs in computational science, including a baccalaureate minor, an associate concentration and workforce certification



“When you’re talking about the modern health care research industry, you’re talking about enormous data sets that require huge bandwidth. One reason we located our new company in Ohio, rather than California, is because Ohio demonstrated the most forward-thinking approach to technology and high-speed.”

– Kenneth A. Murray, Jr. President/CEO
Transmatix

“OhioLINK’s per student investment for access to more than 81,000 e-books and 20 million electronic journal articles is only \$65, less than the average cost of a single textbook!”

– Phyllis O’Connor, Interim Dean
The University of Akron

OARnet



Connect. Aggregate. Collaborate.

Ohio’s education, public broadcasting, health care and government communities benefit from the driving principles of OARnet: Increase access to affordable broadband service, reduce the cost of technology through aggregate purchasing and maximize shared-services opportunities.

OARnet services include:

- More than 1,850 miles of high-speed optical fiber blanket the state; most of our backbone service runs at an ultra-fast 100 Gigabits per second. Last year, the network carried an average of 36 Petabytes of data each day
- A virtualization aggregate purchasing program that has saved Ohio education and state government more than \$100 million on VMware®
- Opportunities to expand your cabinet space or implement disaster recovery plans by taking advantage of connections into more than 10 geographically diverse data centers located around the state

OhioLINK



Shared Services. Shared Resources.

Ohio’s statewide higher education community benefits from the extensive array of print and digital scholarly resources made available through the Ohio Library and Information Network, a consortium of Ohio’s academic libraries and the State Library of Ohio.

OhioLINK creates a competitive advantage for Ohio’s higher education community.

OhioLINK resources are:

- Nationally respected, serving as a powerful recruiting tool for top students and faculty on college and university campuses across Ohio
- Cooperatively acquired at the lowest possible cost
- Putting Ohio’s world-renowned academic institutions at the forefront of research with OhioLINK’s unique Electronic Theses and Dissertation (ETD) Center

OhioLINK’s 91 member libraries share more than 50 million library items and 20 million articles.





eStudent Services

Educate. Motivate. Graduate.



eStudent Services programs centralize online educational delivery, increase educational access and facilitate student success. Last year, more than 141,000 students had access to online tutoring programs.

eStudent Services programs include:

- eTutoring, which provides Ohio college students with virtual academic tutoring options
- OhioLearns maintains a searchable catalog of Ohio higher education distance-learning courses, degrees and programs
- ilearnOhio provides a comprehensive e-learning platform for Ohio's K-12 students, parents, teachers and schools

Research & Innovation Center

Explore. Discover. Innovate.



Ohio has a rich history as an entrepreneurial and technological leader, being the home of Edison, the Wright Brothers, John Glenn and Neil Armstrong. Soon, Ohio will continue in its long tradition of pushing the limits of discovery and innovation.

Our public and private partners have committed to establishing an OH-TECH Research & Innovation Center, where companies will be able to access a statewide, 100 Gigabit-per-second network and a powerful, cutting edge supercomputer in order to create entirely new businesses by capturing enormous volumes of data and mining it for new knowledge. The center will support the exploration of a wide range of educational, medical and commercial applications and software, promoting the invention of compelling broadband, software and advanced technology applications.

Contact Us

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A Division of the Ohio Board of Regents

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