



Connecting computing power with powerful minds

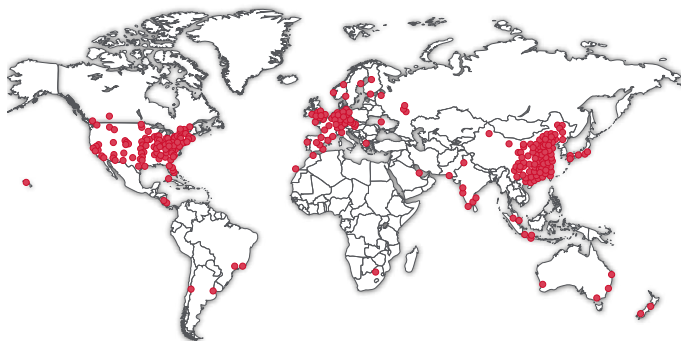
Empower students, researchers and industry professionals with remote web access to supercomputers

Developed by the Ohio Supercomputer Center (OSC) and funded by the National Science Foundation, Open OnDemand is an open-source portal that enables web-based access to HPC services. Clients manage files and jobs, create and share apps, run GUI applications and connect via SSH, all from any device with a web browser.

OnDemand can be installed on a variety of HPC operating systems and resource managers. Get started by accessing our website for files and installation directions.

Deployed worldwide

More than **475** active installations



Run Open OnDemand

Access your organization's supercomputers through the web from anywhere, on any device

Zero installation

Run Open OnDemand entirely in your browser. No client software installation required.

Easy to use

Start computing immediately. A simple interface makes Open OnDemand easy to learn and use.

Compatible with any device

Launch on any device with a browser — even a mobile phone or tablet.

Install Open OnDemand

Administer remote access to your supercomputers to transform the way users work and learn

Low barrier to entry

Empower users of all skill levels by offering an alternative to command-line interface.

Free and open source

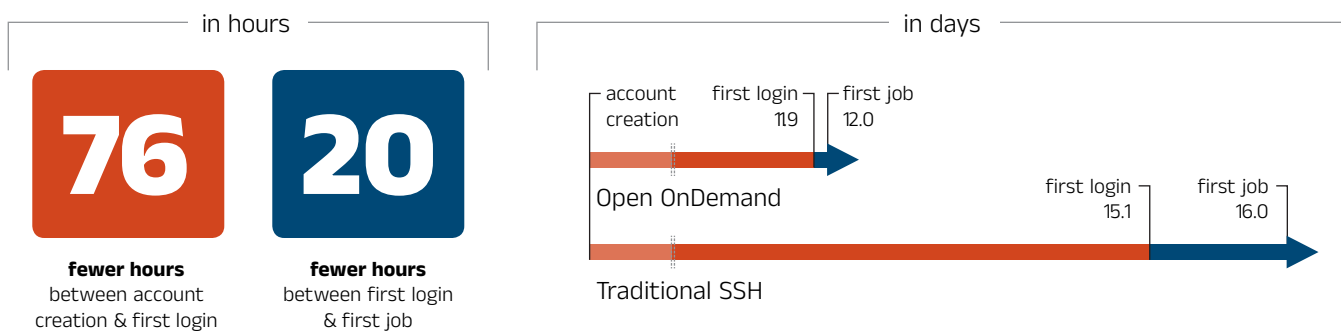
Install Open OnDemand for free and gather knowledge from our large open-source community.

Configurable and flexible

Create and deploy your own applications to meet your users' unique needs.

Faster time to science

Using OnDemand vs. traditional SSH access*



*Data set: Median times from 1712 OSC accounts created in 2017

Incredible impact

Open OnDemand is transforming the way students, researchers and industry professionals access high performance computing resources.

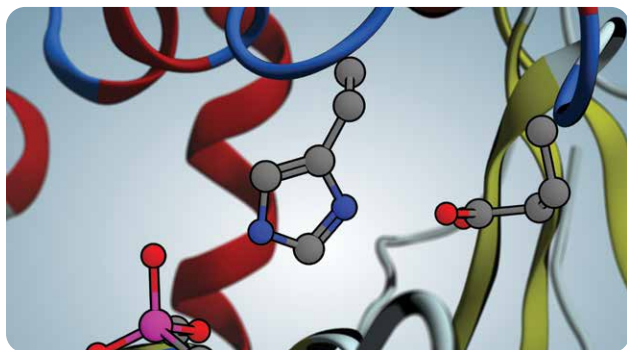
Milwaukee School of Engineering



MSOE's system administrators found Open OnDemand easy to learn and manage, said Derek Riley, professor and program director. "We've been able to use it primarily out of the box, and it's the main entry point for students and faculty to the cluster," Riley said.

Read more at openondemand.org/msoe

The Ohio State University



Ohio State Professor Chris Hadad teaches high performance computing using Open OnDemand, which has helped his students excel in the classroom and in their research. "Over 40 student projects have actually been published in different journals, many of them in some of the best journals in chemistry," Hadad said.

Read more at openondemand.org/hadad

Enabled applications

Open OnDemand makes it easy to access your favorite apps for data visualization, simulations, modeling and more. Apps deployed at OSC and other contributing institutions include:

Abaqus/CAE	ANSYS Workbench
—	—
COMSOL Multiphysics	Jupyter
—	—
MATLAB	Paraview
—	—
QGIS	RELION
—	—
RStudio Server	Shiny App
—	—
Stata	Tensorboard
—	—
Visual Studio Code	VMD
—	—

Try Open OnDemand yourself

It is simple to set up a live demo of Open OnDemand for evaluation. Just follow the directions at openondemand.org. Once the steps are complete, explore Open OnDemand's documentation and core applications — Files, Editor and Job Composer — for more information.

