SCinet is a global collaboration of high-performance networking experts who provide the fastest and most powerful volunteer-built network in the world for the SC Conference.

Join the SCinet team as volunteer or contributor!

Please email: info@scinet.supercomputing.org for more information.

Conference Dates: November 12-17, 2017
Exhibition Dates: November 13-16, 2017

sc17.supercomputing.org

Follow us on Facebook and Twitter sc17.supercomputing.org/scinet

Sponsors:

hpcconnects.
sighpc
ETCe computer society
TCHPC

sc17.supercomputing.org/scinet

The International Conference for High Performance Computing, Networking, Storage and Analysis

SCinet
The SCinet booth, also known as the network operations center (NOC), displays the latest commercial equipment used to run this high performance network with tens of millions of dollars worth of equipment loaned or donated every year from vendors all over the world.

In addition to high-performance demos, SCinet support wired and wireless connections for users to maintain connectivity to the rest of the world. SC15 saw nearly 6000 simultaneous wireless clients on a daily basis.

After one year of design and planning, dedicated team members spend three weeks building SCinet. They installed more than 56 miles of fiber optic cable during setup of SC16.

In addition to high-performance demos, SCinet is an Innovative Platform for HPC
For 27 years, SCinet has provided SC attendees and the high performance computing (HPC) community with the innovative network platform necessary to internationally interconnect, transport and display HPC research at SC.

One-of-a-Kind Research Network
SCinet is a unique platform for running HPC applications and demos. It also showcases innovative network technologies and protocols that HPC applications depend upon to run their high-performing demos.

SC, Super Computing Conference
The International Conference for High Performance Computing, Networking, Storage and Analysis

SCinet Stats from SC16
• SCinet volunteers installed 56 miles of fiber optic cable and 200+ wireless access points during SC16.
• SCinet supplied 3.15 Terabits per second of wide area network capacity to the SC16 Exhibit show floor in collaboration with research and education networks and commercial networks. That’s more than 275,000 times the average home network speed!
• SCinet’s contributors provided more than $32 million in state-of-the-art equipment for SC16.
• SCinet’s wireless network use peaked at 5,700 unique devices connecting in one day during SC16.
• 206 volunteer engineers and professionals representing 18 countries and spanning 100 different organizations built and operated SC16’s SCinet.

The SCinet Team
Volunteers come from educational institutions, high performance computing sites, equipment vendors, research and education networks, government agencies and telecommunications carriers from around the world to design, build and deliver SCinet. Vendor partners loan or donate much of the equipment and services needed to build this impressive network infrastructure. Get to know the diverse teams operating behind-the-scenes to bring SCinet to life: sc17.supercomputing.org/scinet/scinet-teams.