



Conference Dates: November 12-17, 2017

Exhibition Dates: November 13-16, 2017

sc17.supercomputing.org



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



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.



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Join the SCinet team as volunteer or contributor!

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



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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.



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 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.



SC, Super Computing Conference

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

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.

Hub for High-Performance Networking

In addition, SCinet is a hub for the international networking community. It is the place to share the latest research, technologies and demonstrations for networks, network technology providers and even software developers who are in charge of supporting HPC communities at their own institutions or organizations.

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.

