



What is SCinet?

SCinet is the fastest and most powerful network in the world for the duration of the annual SC conference. It provides attendees with a dedicated high-capacity network infrastructure, designed and built by volunteer experts from industry, academia and government.

SCinet builds and operates this network each year with equipment, software and services that are generously donated by industry leaders such as Arista, CenturyLink, Ciena, Cisco, Juniper and many others.

Our goal? To push the boundaries of networking technologies and innovations by bringing together the best and brightest talent from industry, research and education networks, and research universities in the U.S. and around the world.

scinet.supercomputing.org

SCinet by the Numbers in 2019

- 200+ volunteers across 23 teams from 90 organizations
- 14 Women in IT Networking at SC (WINS) participants
- \$80 million in hardware, software and services provided by 34 contributors
- 4.22 Tbps wide area network bandwidth
- 400 Gbps the single-highest achievable bandwidth on a connection
- 256 wireless access points installed throughout the convention center



Contributor Overview



**CONTRIBUTE TO
SCINET AND THE
HPC COMMUNITY**

Showcase the power of your innovative technology and services



What is the value of contributing to SCinet?

SC20 is the world's largest marketplace for high performance computing professionals, and SCinet offers an unprecedented opportunity for collaboration and visibility to contributors who donate equipment, software and services, along with their time and expertise.

SCinet provides unparalleled opportunities to create synergy across organizations spanning industry, academia and government—collectively designing, testing and using next generation equipment, software and applications in support of HPC. SCinet is more than 200 volunteers from 90 organizations dedicated to planning and providing hands-on access to—and experimentation with—these amazing technologies. This is easily one of the key highlights of their SCinet experience.

Here's what industry leaders say about SCinet

"Participating in SCinet gives Juniper an opportunity to showcase our latest and greatest technology in the fastest, most advanced network in the world. The SCinet engineering team, the participating researchers, and other contributors don't just build a network, they build a community."
 - JJ Jamison, CTO, Global Research & Education Markets, Juniper Networks

"Internet2 has supported the success of SCinet since 1999 and is proud to innovate alongside collaborators from higher education, regional and state networks, government, and industry in support of groundbreaking demonstrations from around the world."
 - Rob Vietzke, VP, Network Services, Internet2

What's the SCinet Spirit of Innovation recognition?

The SCinet Spirit of Innovation recognition showcases contributors and volunteers who plan, test, demonstrate and implement the most interesting leading-edge technologies to deliver world-class solutions. The 2019 recognition went to Ciena, CenturyLink, Internet2 and Juniper Networks. These longtime SCinet contributors achieved a new milestone in successfully passing production traffic over a 1,367-mile circuit using a single 400 gigabit Ethernet link between Chicago and Denver, the first such occurrence for an advanced research and education network.

SC19 CONTRIBUTORS

DIAMOND



PLATINUM



GOLD



SILVER



BRONZE

