Cybersecurity and Networking Division (CSND)

The CyberSecurity & Networking Division at NCSA is composed of researchers, developers, and specialists who work to advance the state of the art of cybersecurity and networking, apply those advances to key science and engineering user communities, and provide for the high-performance and security of NCSA's networks and substantial computing resources.

Our Mission

We are community-driven cybersecurity and networking experts who enable security and high-performance solutions for the cyberinfrastructure of our national science and engineering research communities. We are dedicated to:

- ensuring the integrity and availability of NCSA digital assets
- providing high-performance and highly available networks
- advancing applied cybersecurity and networking research and anticipating future security trends and threats
- building a more secure national cyberinfrastructure for our communities with other builders and operators by providing software, operational services, and training with expertise in
  - High-performance Networking
  - Situational awareness and monitoring for security and resilience
  - Identity Management
  - Security Operations for an HPC Environment

Security at NCSA

NCSA has been researching, developing, and deploying cybersecurity and networking solutions for decades. Find out more about the CyberSecurity & Networking Division and our software & projects.

Networking at NCSA

The NCSA Network Engineering team (“NetEng”) designs, builds, and supports network infrastructure to advance science by meeting the needs of NCSA’s high-performance systems, its national user community, staff, and partners. We emphasize reliability and performance while acting as an early adopter of new technologies. Find out more about the CyberSecurity & Networking Division and our software & projects.

CyberSecurity @ NCSA

Blog Posts


Blog: Apply to be a research scientist in the NCSA cybersecurity group created by James Basney Dec 17, 2019 Cybersecurity & Networking

Blog: CSND at #TechEX19 created by James Basney Dec 06, 2019 Cybersecurity & Networking

Blog: NCSA student intern wins hack-a-thon award at GHC ’19 created by Jeannette Dopheide Nov 07, 2019 Cybersecurity & Networking

Blog: A Focus on Cybersecurity for NSF Science: Trusted CI Receives $12.5m Renewal Grant created by Jeannette Dopheide Oct 10, 2019 Cybersecurity & Networking

Blog: Members of CSND participate in 3rd SFSCon in Pomona, CA created by Jeannette Dopheide Oct 07, 2019 Cybersecurity & Networking

Blog: NCSA’s CyberSecurity department is hiring a research scientist created by Jeannette Dopheide Sep 25, 2019 Cybersecurity & Networking

Blog: FABRIC: A great opportunity to participate in the advancement of networks and services to further discovery created by Jeannette Dopheide Sep 18, 2019 Cybersecurity & Networking