

NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop September 23 – 25, 2019 | Minneapolis, MN

Quad Chart for:

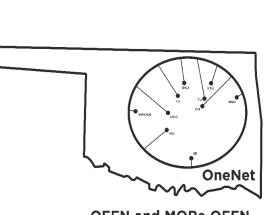
Challenge or Approach:

- Connect Northeastern State University, Southeastern Oklahoma State University, Southwestern Oklahoma State University and Rogers State University to the OneOklahoma Friction Free Network (OFFN).
- Work collaboratively with other institutions to promote usage of OFFN.

Solution(s) or Deliverables:

- Deploy perfSonar nodes.
- Deploy SDN nodes on each campus.
- Deploy DTN nodes on each campus.
- Transfer data between institutions on new network, and analyze results.

Multiple Organization Regional OneOklahoma Friction Free Network (MORe OFFN)



OFFN and MORE OFFN One Oklahoma Friction Free Network Multiple Organization Regional One Oklahoma Friction Free Network

Scientific Impact or Broader Impact:

- Advancement of undergraduate science research and education at all four institutions.
- Allow more researchers to pursue big data type of research.
- Increase preparation of students for entrance into HPC industries.

Metadata tag:

- <u>https://onenet.net/</u>
- <u>http://www.oneocii.okepscor.org/</u>