



NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

September 23 – 25, 2019 | Minneapolis, MN

NSF Program (either CC or CICI): CC

Program Area: Design

Award Number: 1827227

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Project Title: The Western South Dakota Research and Education Network



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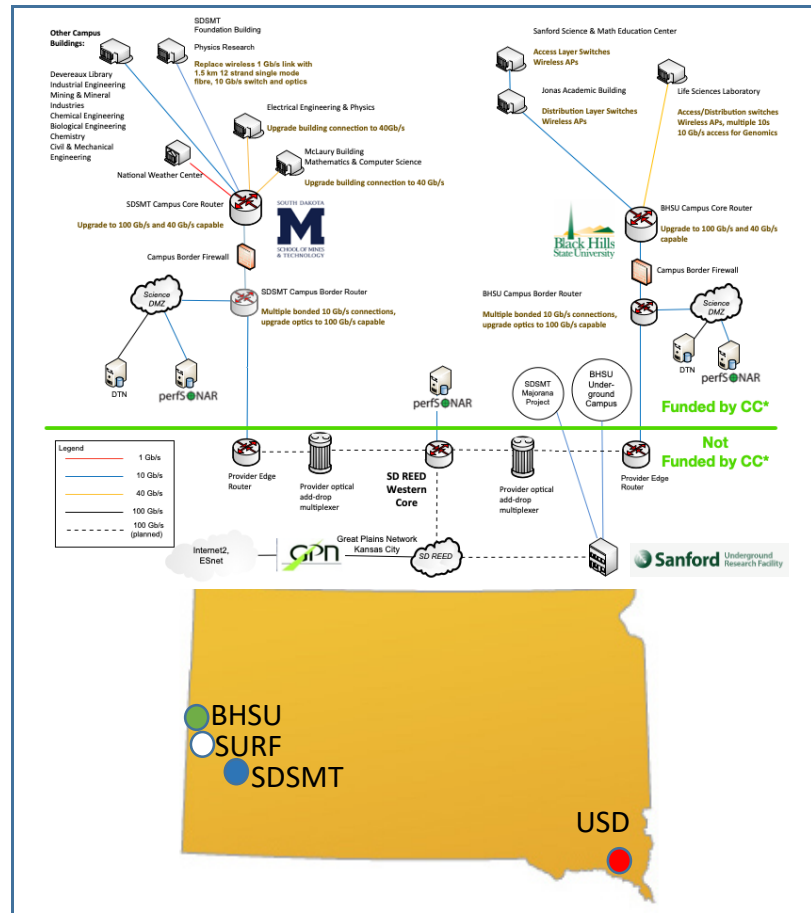
Quad Chart for: *CC* Design: The Western South Dakota Research and Education Network*

Approach:

- Black Hills State University (BHSU)
- SD School of Mines (SDSMT)
- Partner: University of SD (USD)
- Prepare 2 small institutions for 100G upcoming state R&E Network upgrade

Deliverables:

- Border, Core, Access, and Distribution network upgrades
- Science DMZ on each campus
- PerfSONAR at campus border and state network core



Scientific Impact :

- DNA Sequencing Core Facility
- Advanced Microscopy Facility
- One-of-a-kind underground Science Facility

