

UNIVERSITY OF
St.Thomas

TOMMIE SCIENCE DMZ

William Bear
Ed Clark
Eric Tornoe



SCIENCE DRIVERS



Dr. Tom Hickson- Geology

3-Dimensional Imaging- Bringing the Landscape into the Classroom

Regular movement of <1TB datasets

Dr. Josh Layfield- Chemistry

Chemistry at the Interface Between Two States of Matter

daily movement of 100's of 1Gb files

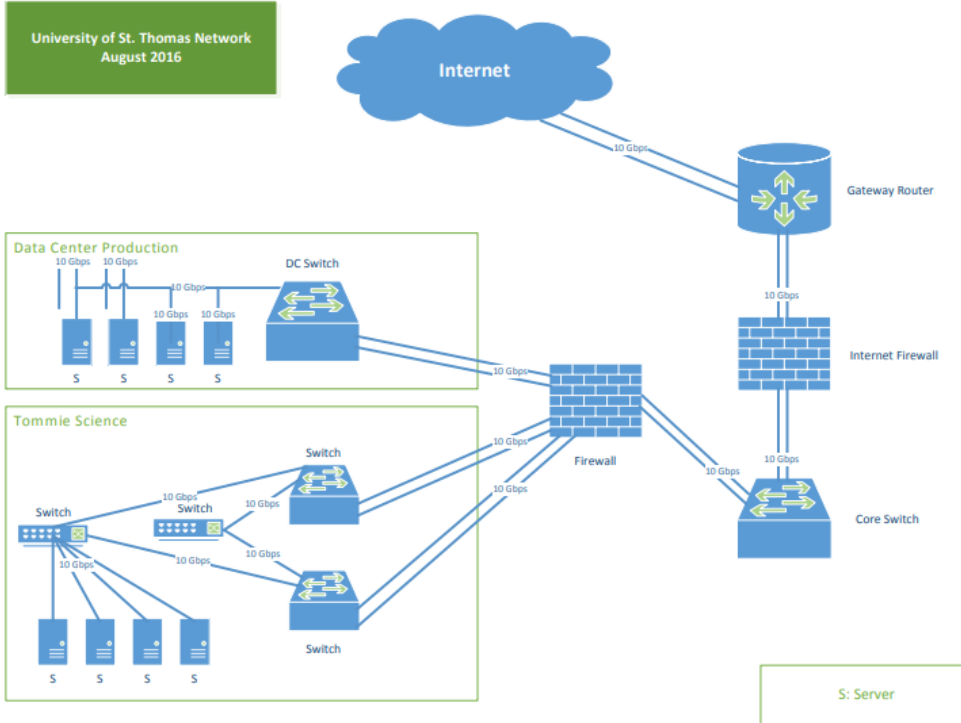
Dr. Anthony Borgerding- Biology

Proteomics: Identifying Proteins Present in Biological Samples

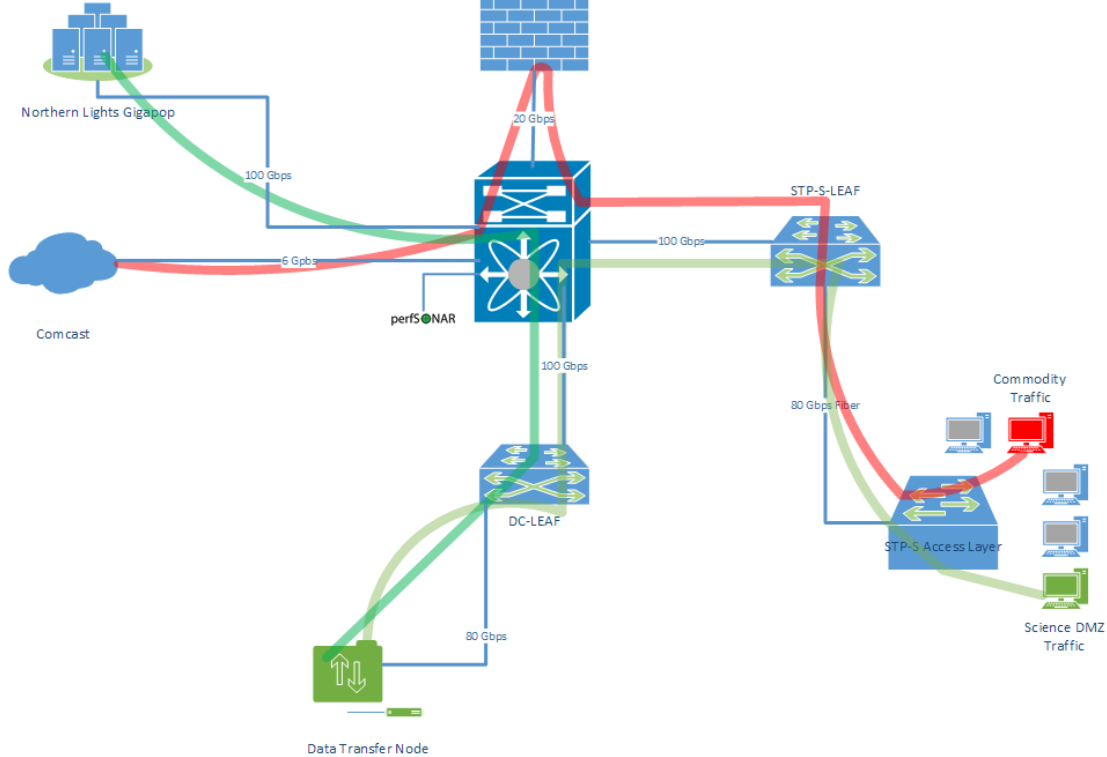
Daily movement of <10Tb mass spectrometer data

Diagram of Tommie Science Network/Science DMZ

2017 Failed Proposal



UATL
Future St. Thomas Logical Core
Network with High Level Wired
Client Example Logical Data
Flow



Timeline Year 1

