[Proposer: Alter as needed for your proposal.]

ITSS (UNT System IT Shared Services) reports to the Chancellor and provisions very scalable, highly redundant, cost effective, and physically secured virtual server and storage infrastructure. On the main campus, ITSS operates a 7,158 sqft data center in the General Academic Building. The data center contains a 150-ton chiller along with dual 300 kVA UPS lithium batteries that are each supported by a generator. GAB Data Center data are replicated and/or backed-up to the secondary data center, which is located 4 miles away at Discovery Park. The Discovery Park Data Center is 1,700 sqft with 25 tons of cooling and 150 kVA UPS system supported by a generator. Both facilities are physically secured/operated and are monitored 24 hours/day from the Network Operations Center, which is always staffed with 2 IT personnel. The infrastructure within both data centers are enterprise class and have redundancy to address hardware failures along with supporting a virtual environment (including point-in-time snapshotting and virtual machine migration).

[Proposer: Maybe add UIT [HPC](https://hpc.unt.edu/) and/or [Data Science and Analytics](https://it.unt.edu/research) content.]

CAS (Computing for Arts + Sciences) reports to the College of Sciences and employs 22 full time and 64 student employees to build upon the services ITSS provides. CAS provides multiple services and levels of help (front line and system administration) for email (2,676 accounts), file storage, print (296 networked printers), desktop/laptop (1,867 computers), server (110), web (178)/social, and software (270 titles) for 2,317 faculty/staff. To help more than 21,000 students succeed in their scholarly efforts, we maintain 1,837 computers across 86 campus rooms along with 270 software titles.

CAS has helped researchers with many types of collaborations (public, private, education, corporation, multi-discipline, grants, contracts, etc.), equipment integrations, along with data types, management, and compliance (e.g., private data repository for closed grants). The success of our researchers has enabled UNT to become a “very high research” Carnegie Classification university—a classification that suggests a level of technological, compliance, and completion capability found in only the best 2% of our nation’s post-secondary institutions. Finally, our servers have never been compromised (as managed by CAS and monitored by ITSS, where IT Security resides) and we have never had a data breach above individual user level.

[Proposer: [CoS Chemistry may want to add their Computational Facilities content](https://chemistry.unt.edu/research-facilities/computational-facilities).]