Enterprise SAN

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The Enterprise SAN, commonly known as the University Storage GRID (USG) provides high capacity, high speed, redundant storage for the campus community. The SAN consolidates a mixed IT environment – user files, e-mail systems, databases, and supports the full range of SAN and NAS protocols (FC SAN, IP SAN, NFS and CIFS). In general the service aims to be **Flexible, Scalable, High-speed, Safe, Accessible and Consolidated**

Year	Milestones
2010	Begin migrations from older "Burnaby", "Vancouver" and "Richmond" USG Phase 1 devices; Refine SAN Offerings (NFS or CIFS only outside of the Data Centre); Move "Renfrew", Research tier secondary storage to UBC at Kelowna
2011	Complete migrations from old USG Phase 1 devices; Grow capacity of Enterprise tier storage; Move all Enterprise tier SAN backup to UBC at Kelowna
2012	(Planned) Commence offering Secure File Service (SFS) to all UBC staff and faculty – 20GB per person, plus 5TB per department; Implement billing and extra capacity purchase options on top of base SFS. Make some primary storage available at UBC Kelowna to support Virtual Server Service (VSS) offering based there.
2013	Provide support for deep archive data storage – long term archiving of data for UBC. Commence lifecycle planning for USG Phase 2, purchased in 2009.
2014	Increase capacity on Enterprise tier to handle data growth and respond to customer requirements. Complete lifecycle plan for USG Phase 2 equipment, and commence sale/trade-in. Ensure integrity and security of UBC data through this transition

2010
- Start Migrations from USG Phase 1
- Define SAN Service Offerings
- Research Tier Storage at UBCO

2011
- Finish USG Phase 1 Lifecycle
- Enterprise Tier Backup at UBCO
- Capacity Growth

2012
- Capacity Growth
- Secure File Service (Pending)
- Primary Storage at UBCO

2013
- Deep Archive Storage
- Start Lifecycle of USG Phase 2 equipment

2014
- Capacity Growth
- Finish USG Phase 2 Lifecycle