

**SURF**  
**NET**



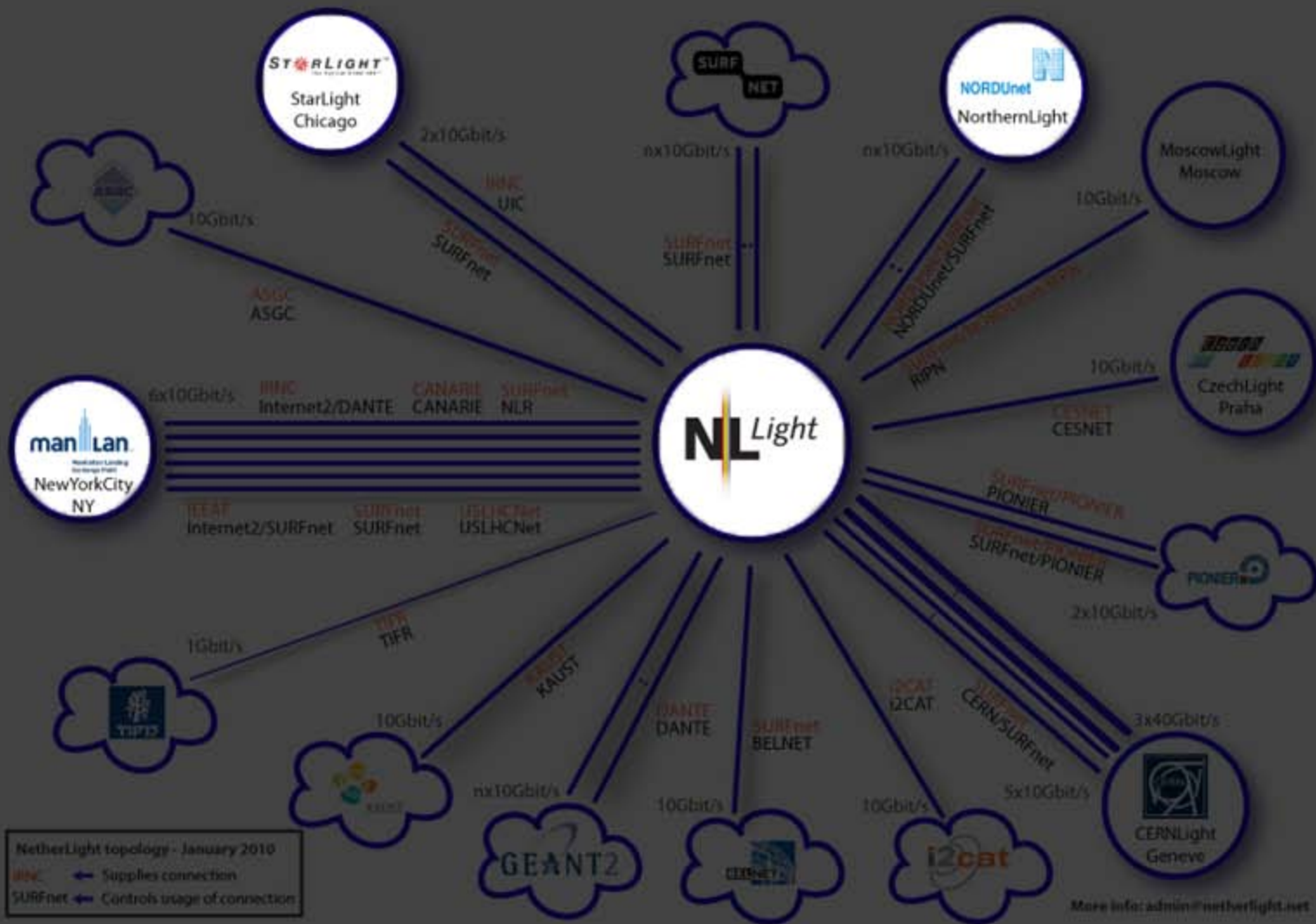
# Automated GOLE Pilot

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GLIF - February 3, 2010 – Salt Lake City



# Pilot participants



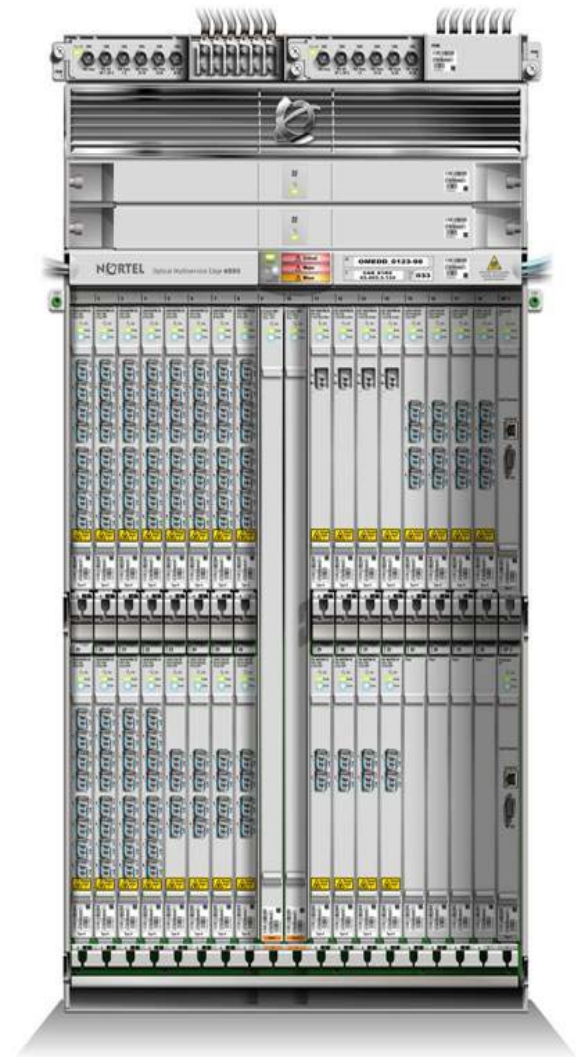
# Automated GOLE

- Pilot with StarLight, NetherLight, MANLAN, and NORDUnet
  - Multi-domain Bandwidth on Demand
- NetherLight will run DRAC
- Use of Fenius as a common interface
- Possible uses of an Automated GOLE

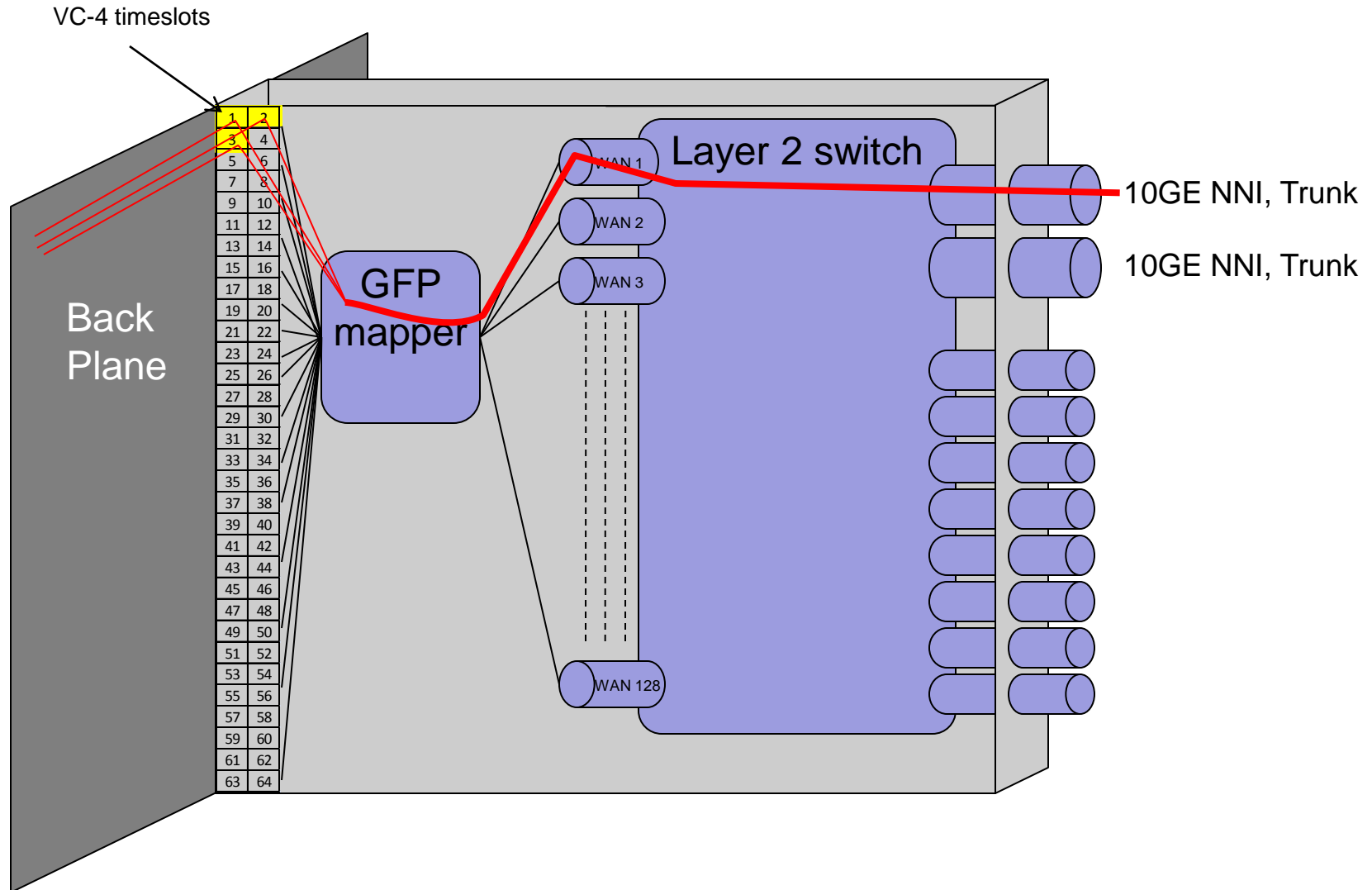
**It's all about moving large data sets on-demand, on time**

# Resources

- **Nortel OME6500 Double Decker**
- HDXc replacement
- Around May 2010
- DRAC compliant
- Layer 2 service cards



# Logical Overview





# Pilot resources and uses

- **Video**
  - Tiled display
  - 4K video stream
  - Showing on-demand very high quality video



# Pilot resources and uses

- **Storage**
  - Back-up and recovery site
  - Facilitating storage on-demand
  - Probably using GridFTP



# Pilot resources and uses

- **Scientific**
  - e-VLBI using automated GOLE
  - Immediate access to interdomain lightpaths by scientists





# Thank you!

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