

LAT Environmental Test Pathfinder F2F

7-8 Sept 2005

NRL-SLAC Networking Update

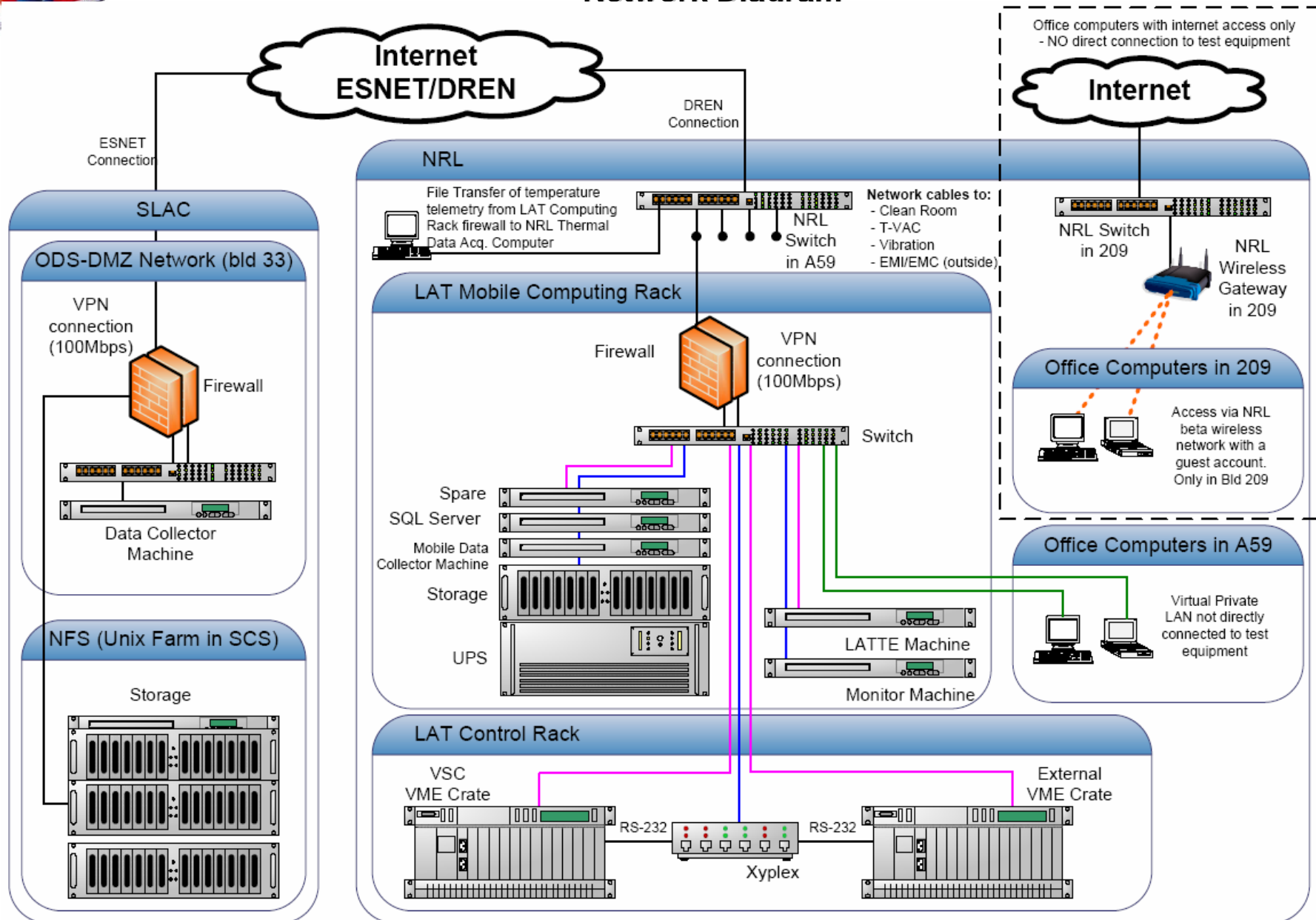
Brian Grist

Neil Johnson

202-767-6817

neil.johnson@nrl.navy.mil

Network Diagram



Areas of Responsibility

Les Cottrell
SLAC Computing Services

Bill Johnston
ESnet

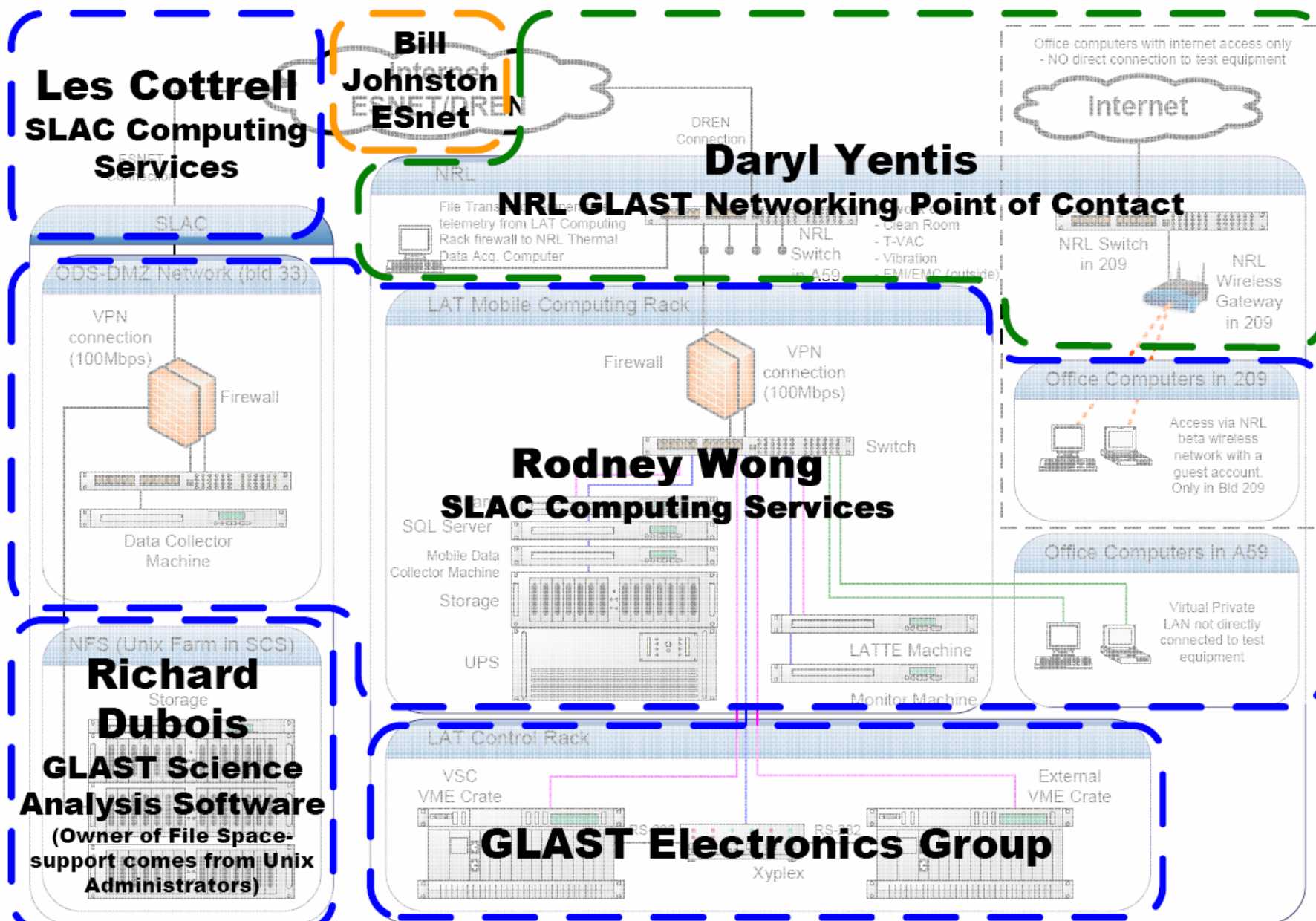
Daryl Yentis

NRL GLAST Networking Point of Contact

Rodney Wong
SLAC Computing Services

Richard Dubois
GLAST Science Analysis Software
 (Owner of File Space - support comes from Unix Administrators)

GLAST Electronics Group





Memorandum of Understanding / Security Requirements

- The firewall in the LAT Mobile Computing Rack must be accredited by NRL networking in order to connect to the NRL switch in building A59.
 - The firewall is the only device in the LAT data path that will need to be accredited.
 - The accreditation process will require a signed Memo of Understanding (MOU) between NASA/GSFC, SLAC/Project management, NRL sponsor (Code 7650) and NRL Network Security.
 - The MOU will be stating that LAT would conform to NRL Computer Security requirements for a VPN service.
 - Draft has been completed. Needs input from SLAC on organization and system administration responsibilities.
 - Accreditation process can not start until MoU has been signed.
 - Daryl Yentis will complete Accreditation paperwork.
 - NRL thinks LAT Proj Mgr signature is all that is required from SLAC. Are there issues at SLAC?
 - Final accreditation would not occur until the LAT Mobile Test Rack is physically at NRL.
- The office network in building 209 will be handled as guest computers and will have to conform to those rules.
 - Guest access is via the NRL Beta Wireless network.
 - Each computer must have a special software package installed
 - Guest privileges have to be applied for on a machine by machine basis

Networking Schedule

Draft of Networking MoU	1 Sept 2005
Final MoU for Signatures	3 Oct 2005
Delivery of Firewall and test hardware to NRL	15 Nov 2005
Firewall Preliminary Accreditation Complete	1 Dec 2005
Network Setup Trial Testing	6 – 23 Dec 2005
Ready for Use	2 Jan 2006

Issues / Questions from May '05 TIM

- The details still need to be worked out to move the data files to transmit the LAT temperature telemetry from the LAT mobile computing rack to the NRL thermal monitoring computer.
 - Still pending, no big deal
- Who will need to sign the MOU with NRL to allow that firewall in the LAT Mobile Computing Rack to be accredited by the NRL network?
 - Resolved, technically.
 - NRL wants NASA GSFC, the sponsor, to sign the MOU. SLAC signature does not have the weight of a contractual arrangement with NRL. (NRL's contract for GLAST is with GSFC.)