Networking Policies at S-Pol during TiMREX 2008

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Brief Network Description

The network at S-Pol in Taiwan will consist of a secured network that will be available in the S-Pol Control Center (SCC), the SCC Annex, and the Data Display and Analysis Center. **The connection speed and method of connection to the internet are unknown at this time.** Users will be allowed to connect to this network after their machines are vetted for up to date patches and virus definitions.

Rules for the Protected Network

The protected network will be set up behind a firewall appliance that will protect the network from various types of attacks. It will also monitor the internal network for signs of unauthorized network activity. Most incoming ports will be blocked.

Linux users who wish to connect to this network must have their Operating Systems updated with the latest kernel and application patches.

Microsoft windows users must ensure their virus definitions, and kernel and application patches are up to date. Real time protection must be enabled.

Macintosh users must keep their OS and applications updated.

Approved Operating System List

- Windows XP with Service Pack 2 and current antivirus software
- Linux RHEL 4 or 5 with the most recent kernel and updates
- CentOS 5.0 or later with the most recent kernel and updates
- Fedora core 7 with the most recent kernel and updates
- MAC OS X with the most recent patches and updates
- Solaris 9 or 10 with the most recent patches and updates

Services Provided by EOL/CDS staff

- **File storage**: Several S-Pol RAID disks will be available for NFS mounting on designated machines.
- **DHCP Service**: A DHCP server will allow users to connect to the network after they have been properly vetted.
- **Firewall protection**: We will run a firewall to protect our machines from various types of attacks.
- **NAT**: Network Address Translation for our client machines.
- **Network Connectivity**: 100 Mbit/s cables to attach clients in the SCC and wireless access points in other user areas.
- **UPS Power**: We will provide UPS power for our clients in the SCC only.

- **Printing supplies**: We will provide a color printer and some paper, but please don't waste the printing supplies.

Services We Are Unable to Provide

- **License servers**: We will not provide any license servers or services for applications you bring with you. If you have an application you need, you are responsible for the licensing. Make sure that the application runs on its own on your client.
- **Spare parts** for your equipment. We will not provide any spare parts for your client machines, so bring your own spare parts.
- **Network cabling**: We have a small store of cables, but you should bring at least one CAT5e cable for each client you bring in case we run out.
- **UPS power**: We do not provide UPS power for your client. If you want UPS power for your workstation, bring a UPS with you.
- **Wireless access cards and adaptors**: We do not provide wireless access cards or adaptors for your laptop or workstation.
- **Media**: We do not provide CD-RW, DVD, floppy disks or other types of media. Please bring your own.
- **Cell phones or Iridium phones**: We do not provide cell phones or iridium phones for general purpose use. Please bring your own if you need one.