

SOLVE II Communications Documentation:

Arena Arctica, Kiruna, Sweden

Network setup:

The Arena Arctica hangar is supplied with a maximum 4Mbps line to the Internet. There is no direct connection to any NASA center other than through the standard Internet portals. The Local Area Network within the Arena Arctica hangar is shared between the SOLVE II team and the European (Vintersol) participants. Users will connect to the LAN via an Ethernet RJ-45 type male connector attached to a drop cord from a local switch or hub within your office or lab space. Category 5 wire accommodates connectivity within the LAN of up to 100Mbps provided you have a 100Mbps Ethernet card. Large data transfers outside the LAN should be kept to a minimum and done during off peak times, preferably between 11:00pm and 4:00am. Continuous FTP connections are not advised as bandwidth is significantly reduced with each connection.

Network Security:

All users are responsible for data security of their individual computers. Security on computers is paramount and can affect LAN and WAN performance as well as transfer harmful viruses and worms once infected. Installing antivirus software is a must and using a software and or hardware firewall is a good start. Be familiar with your system and firewall as we will not assume responsibility for file transfers that are blocked by your system nor will we be in a position to configure it to your needs.

Network Configuration:

Network configuration numbers (IP, DNS, Gateway) and the domain name can be obtained via Kent Shiffer, ESPO project network manager upon your arrival to Arena Arctica. Public IP addresses (static) will be assigned to each computer.

Do NOT share, or swap, your address with any other computer or device. DNS service will resolve the host name and the IP number of your computer.

Users are to bring all associated cabling and accessories for each device. Only the connection from computer to the wall or switch will be provided.

Printer:

SOLVE II science team members will have access to one B/W network printer supplied by project management located in the project office.

Telephones:

All telephones in the hangar are configured for local access calling only. Long distance calling may be accommodated by use of a phone card or from your hotel. There will be no phone connections (dial-up) in the hangar offices for computer use.

A telephone list will be generated for SOLVE II office and laboratory spaces and distributed upon your arrival.

FAX:

A single fax machine will reside in the Project Office for SOLVE II team member use during the campaign.

Sincerely,
The Management