

# IP Issues

Tony Bakker

Network and Security Section

ECMWF

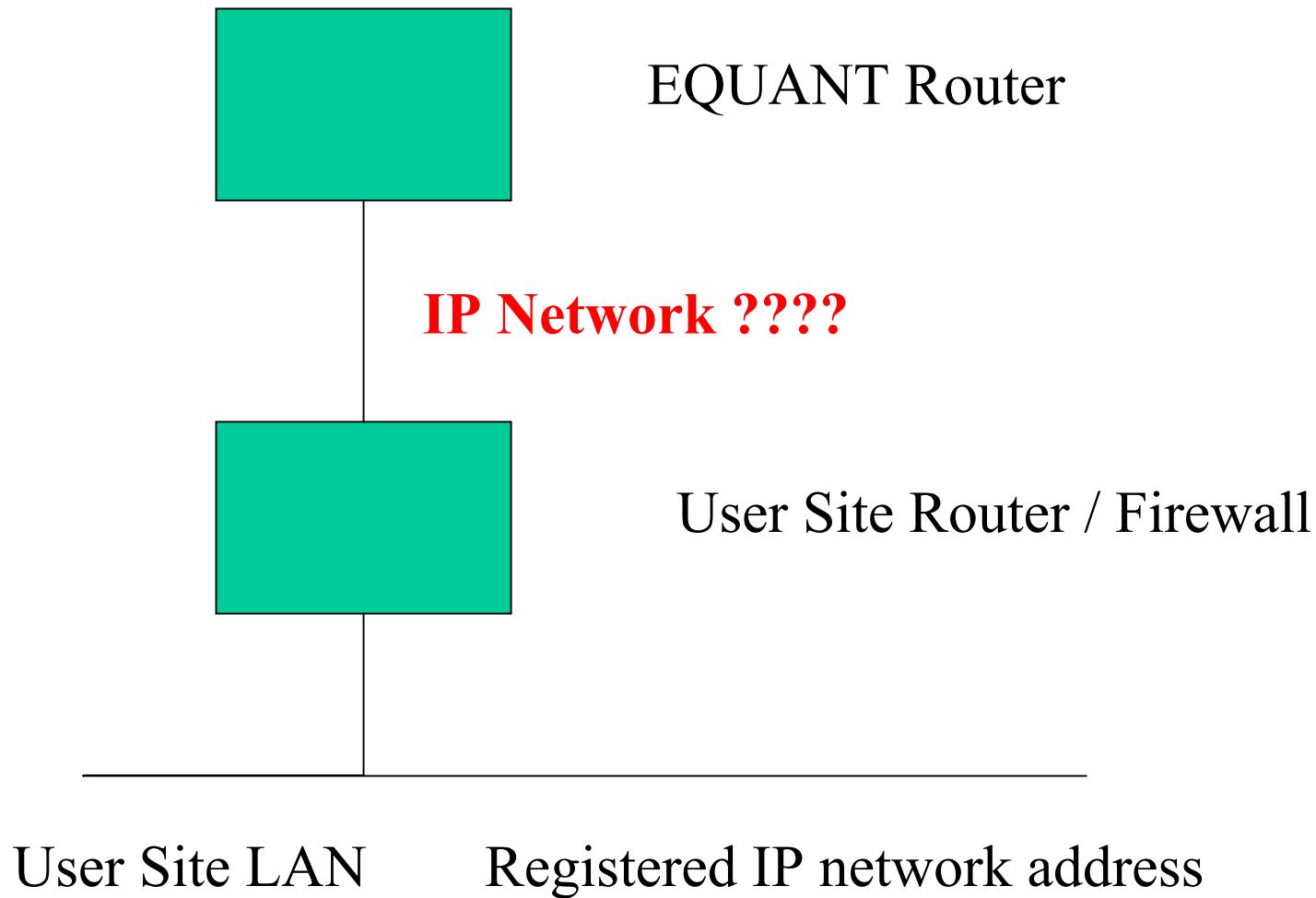
# Registered IP Address

❑ LAN Interface EQUANT Router

❑ Problems

- ◆ No registered IP Address
- ◆ Flat level 2 IP network (no subnets)
- ◆ User Site security restrictions

# Example



# Solutions

## ❑ EQUANT IP network address

- ◆ subnet of their class A network (57.n.n.n)

## ❑ WMO address?

- ◆ allocated for GTS leased lines

❖ During the meeting it was decided not to use these IP addresses

## ❑ Network Address Translation

- ◆ Responsibility of User Site (Router or Firewall)  
(I.e. EQUANT does NOT provide this service)

# EQUANT IP Network Addresses

- ❑ 57.306.136.0 - 57.206.143.0
- ❑ 255.255.255.192 (2 bit subnet, 6 bit host)
- ❑ 64 hosts per subnet

# EQUANT IP Network Addresses

☐ Portugal	☐ 57.206.136.0
☐ Czech Republic	☐ 57.206.137.0
☐ Poland	☐ 57.206.138.0
☐ Jordan	☐ 57.206.139.0
☐ Italy	☐ 57.206.140.0
☐ Turkey	☐ 57.206.141.0
☐ Latvia	☐ 57.206.142.0
☐ Lithuania	☐ 57.206.143.0
☐ Syrian Arab Republic	☐ 57.206.136.64