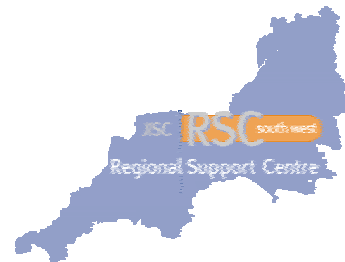


# RSC's Technical Remit and Netsight Monitoring



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# Introduction



⌘ RSC's can:-

- ☑ Monitor L.A.N. and W.A.N. College traffic
- ☑ Chair various Technical Forums
- ☑ Support and install main W.A.N. College routers.
- ☑ Monitor and interpret Netsight
- ☑ Disseminate and evaluate JISC and UKERNA materials and training opportunities.
- ☑ Arrange training events.



# What do the RSC's Offer the FE Sector

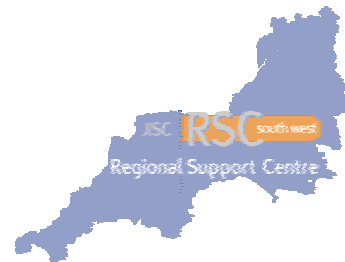


⌘ There are 13 RSC's

- ☑ Support the F.E. Community
- ☑ Funded through the Learning and Skills Council

⌘ Main areas supported:

- ☑ Technical
- ☑ Curriculum
- ☑ Learning Resources
- ☑ MLE/VLE



# Technical remit Forums



⌘ Set up, organise and chair Technical Forums on a county basis.

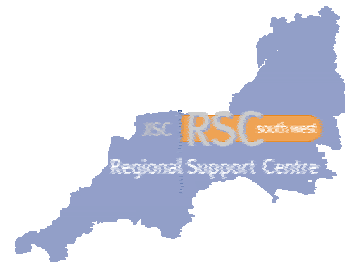
- ☑ IT and Network Mangers from Both Colleges and Universities are invited to attend.
- ☑ Set up, organise and chair specialist Technical Forums as requested, e.g. Apple User group.
- ☑ Organise training events as requested in forums.

# Technical remit

## Network Monitoring

### ⌘ Network Monitoring Solutions.

- ☑ Use FLUKE software and hardware to monitor College L.A.N.
- ☑ Netsight monitoring service for W.A.N. link traffic
- ☑ Install and support CISCO 2621 W.A.N. routers.



# Technical remit JISC and UKERNA Services



⌘ Disseminate information on:

- ☑ JISC services, documentation and training events.
- ☑ UKERNA services, documentation and training events.



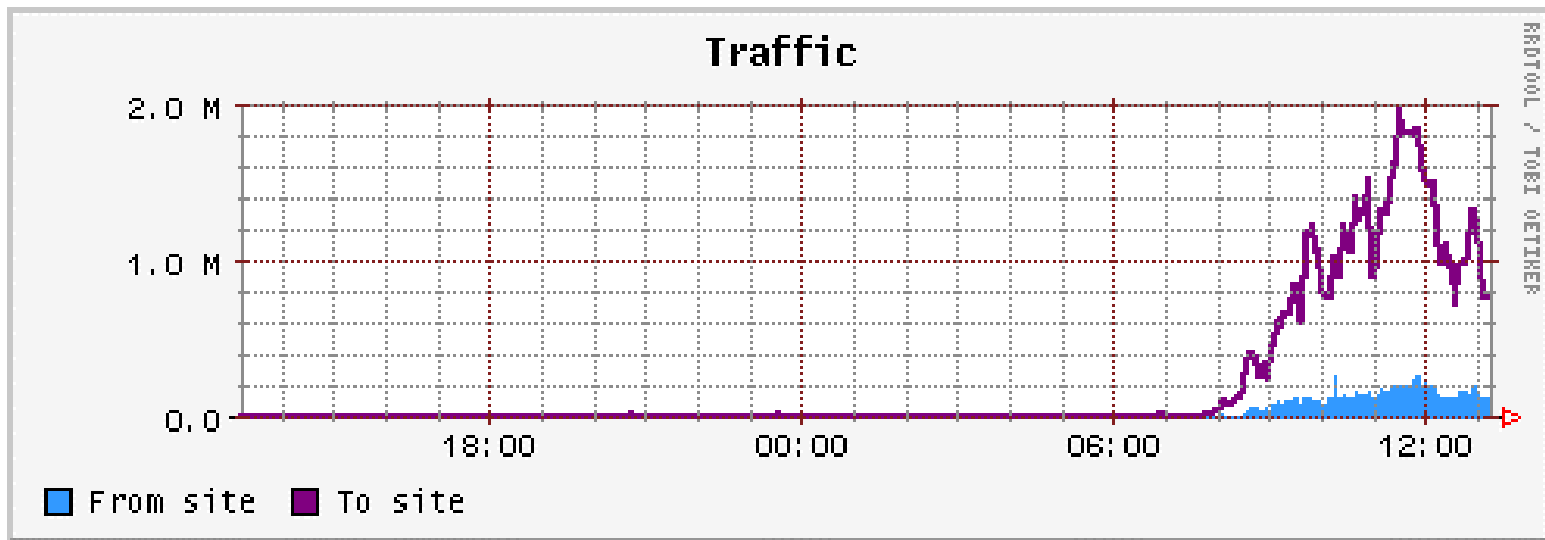
# Netsight



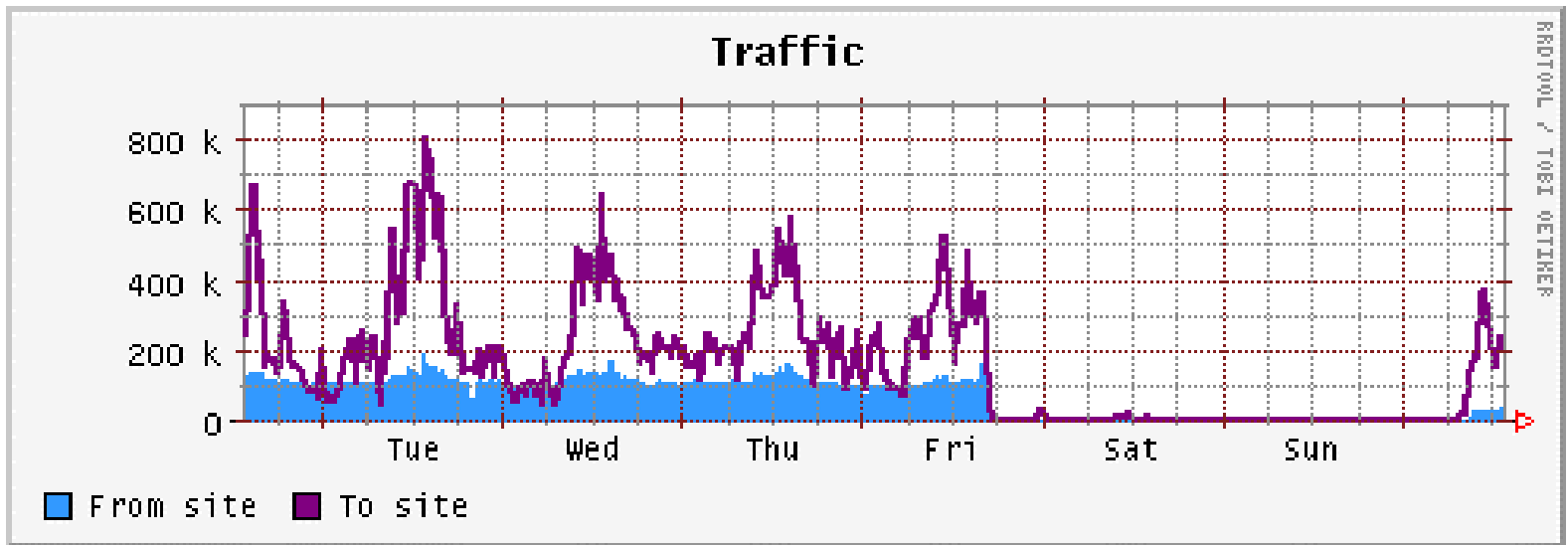
- ⌘ RSC-South-West regularly monitors College W.A.N. traffic.
- ☑ RSC monitor for traffic anomalies e.g. hacking/spamming events.



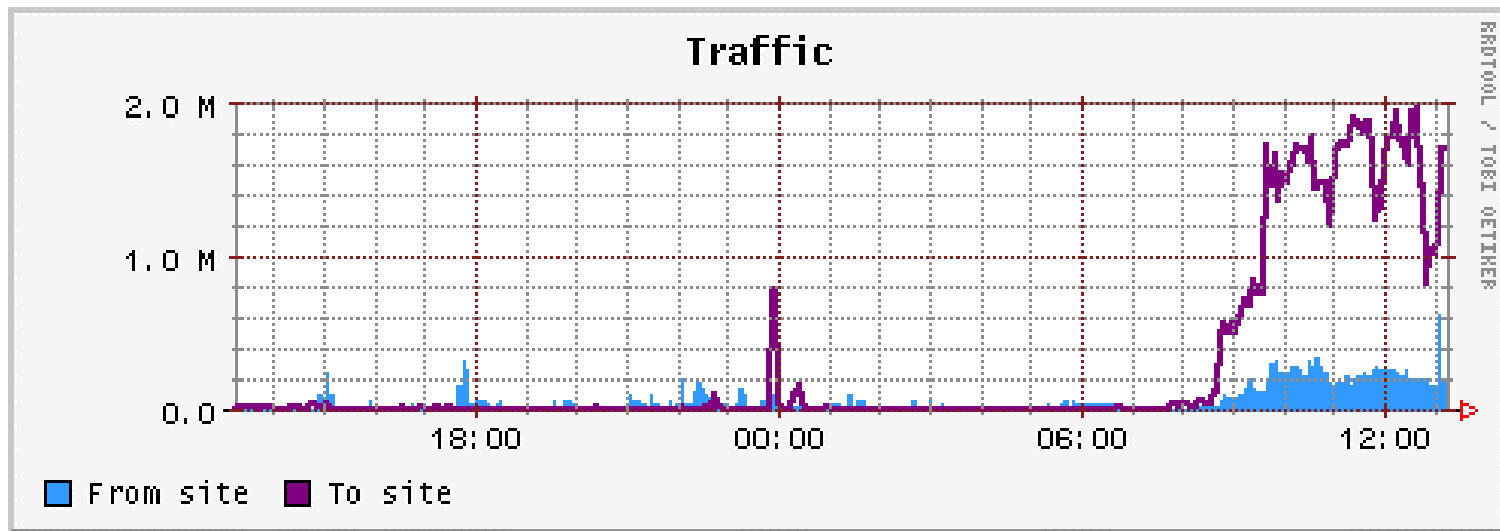
# Netsight:- Normal traffic on a 2mb Link



# Netsight:- Possible spamming on a 2mb Link

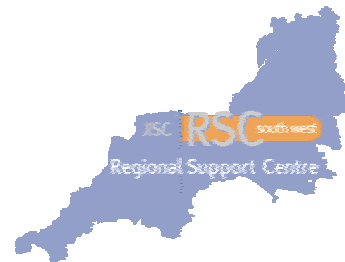


# Netsight:- Antivirus downloads etc. on a 2mb Link

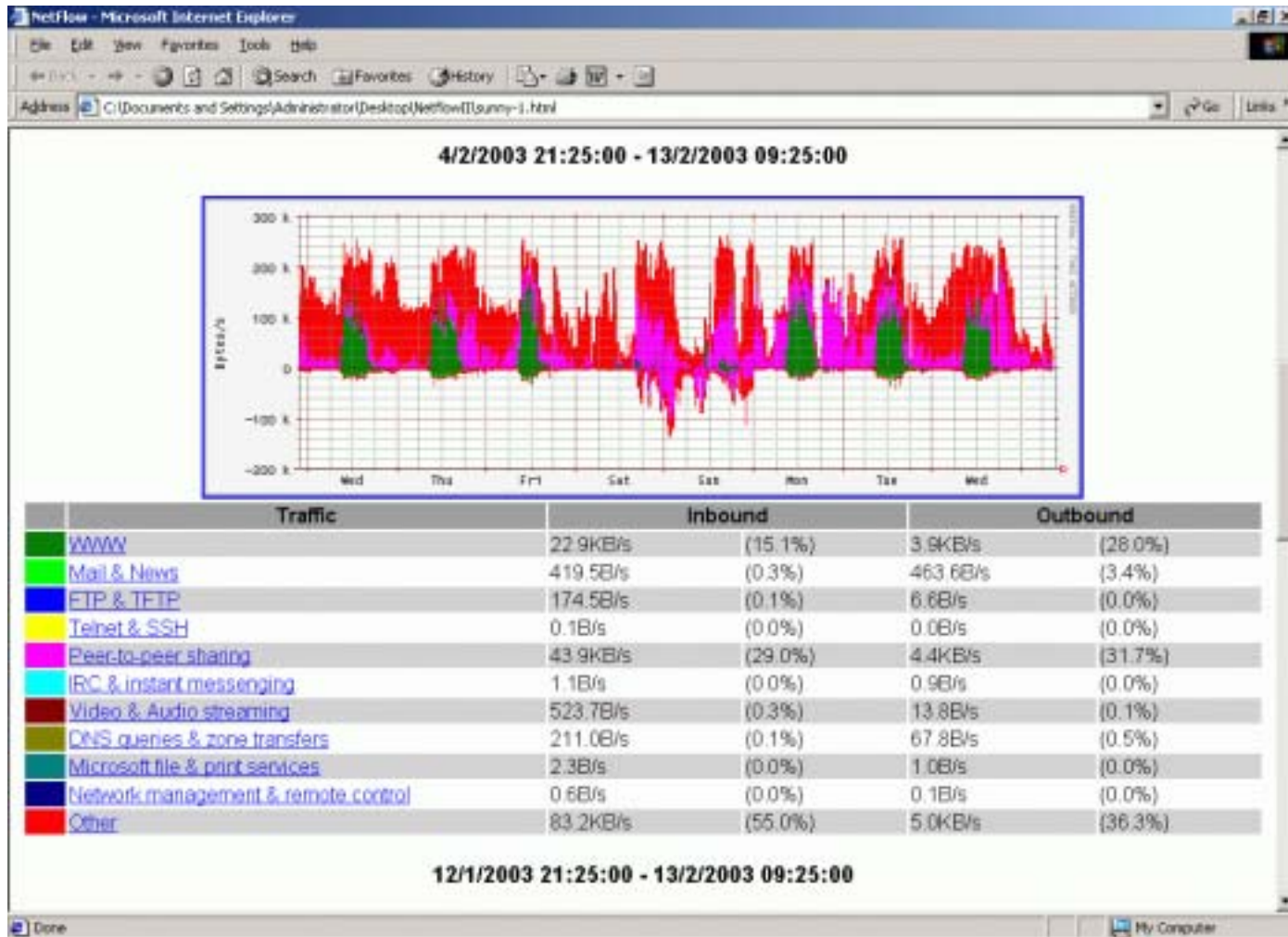


# Netsight:- How could this service be expanded?

- ☒ CISCO Netflow monitoring
- ☒ This would allow more information to be obtained, e.g.:
  - ☒ Distribution of network traffic e.g. http, SMTP...
  - ☒ Top talkers etc.
  - ☒ <http://www.rsc-london.ac.uk/technical/network/monitoring/>



# Cisco Netflow Diagram Credit to RSC-London

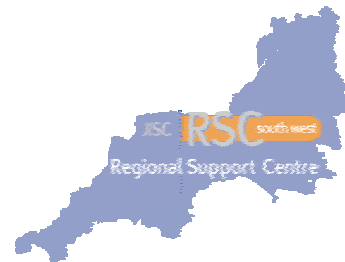


# Summary



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# Any Questions ?



## RSC-South-West

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