


Scottish Schools Digital Network

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# JANET and the SSDN Interconnect

19<sup>th</sup> April 2004  
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- Provide some information about SSDN Interconnect and Intranet
- The SSDN Interconnect SLA
- Access to useful published resources





# SSDN Interconnect SLA

- SSDN Interconnect contract is between UKERNA and the Scottish Executive
- Availability - Mainland organisations 99.95% for other 99.5% (calculated over a 12 month rolling period)
- Mean Time Between Failure 2000 hours in any 12 month rolling period
- Mean Time to Repair - 10 working hours for mainland, others dependant on getting UKERNA appointed staff on site.



# Scotland JANET Links Reliability

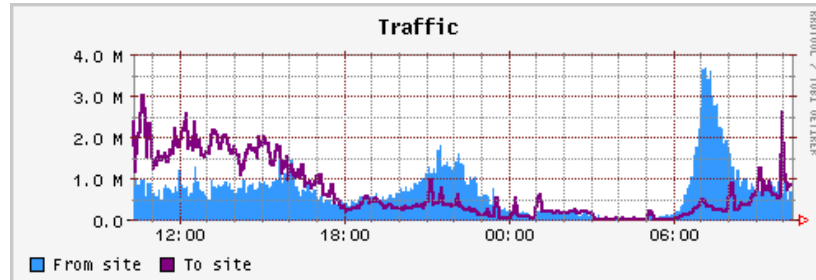
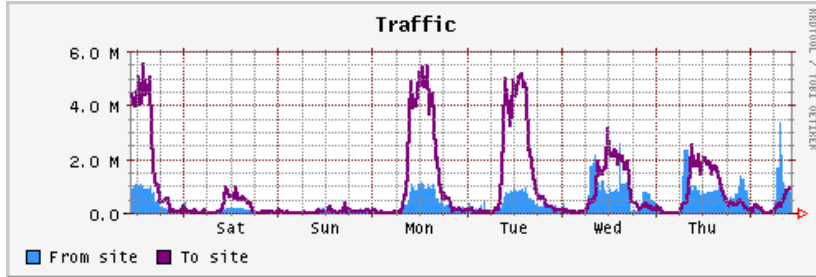
		Availability						
Node Name	Node Name	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	6 Month Average
Glasgow	Dundee	100.00%	100.00%	100.00%	100.00%	100.00%	99.16%	99.86%
Glasgow	Inverness	100.00%	100.00%	98.06%	100.00%	98.62%	100.00%	99.45%
Glasgow	Glasgow	99.98%	100.00%	100.00%	100.00%	100.00%	100.00%	99.99%
Edinburgh	Edinburgh	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Edinburgh	Aberdeen	100.00%	100.00%	99.87%	100.00%	100.00%	100.00%	99.98%

**Service Level for JANET core IP service is 99.9% availability calculated over a 12 month rolling period**

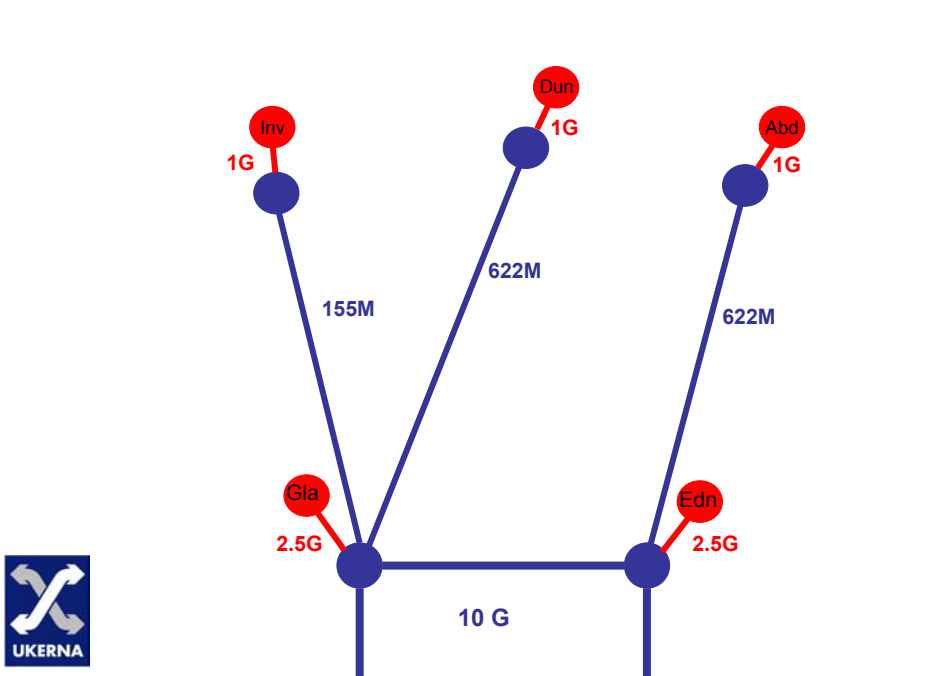
**JANET at Risk time 0700 – 0900 on Tuesday mornings planned maintenance announced 2 weeks in advance.**



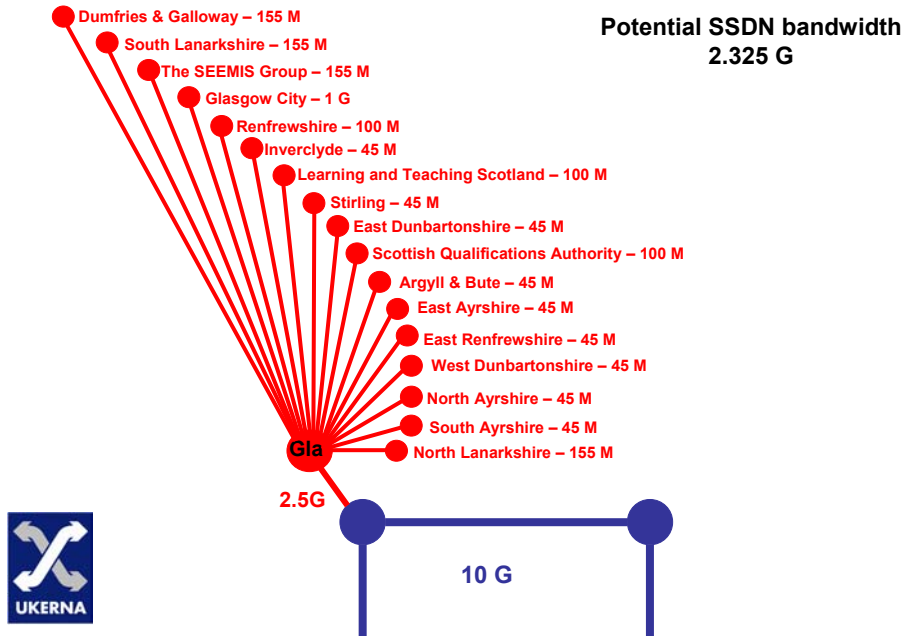
# Monitoring SSDN Traffic



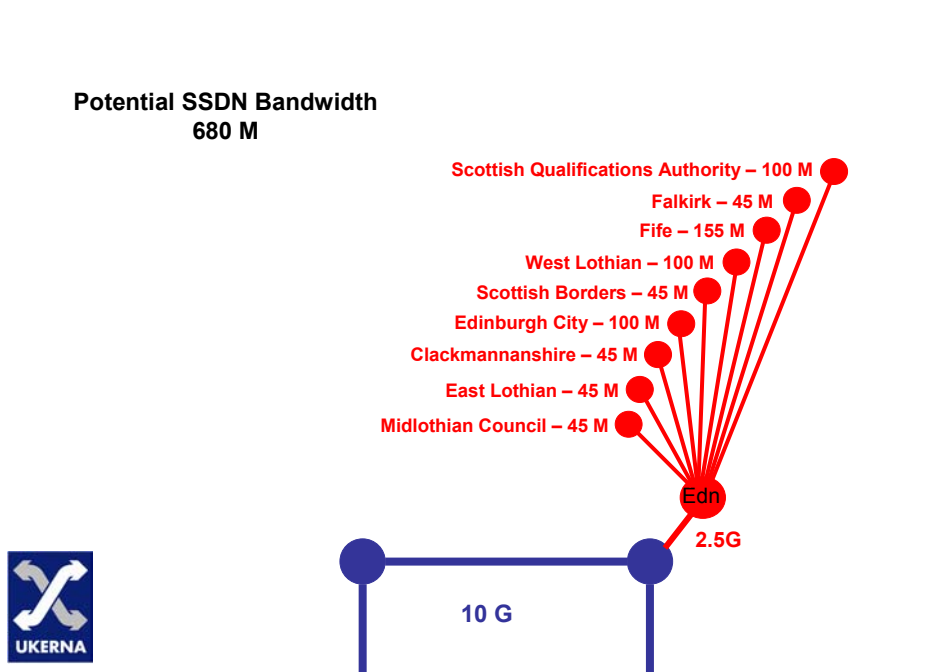
## SSDN Core Infrastructure



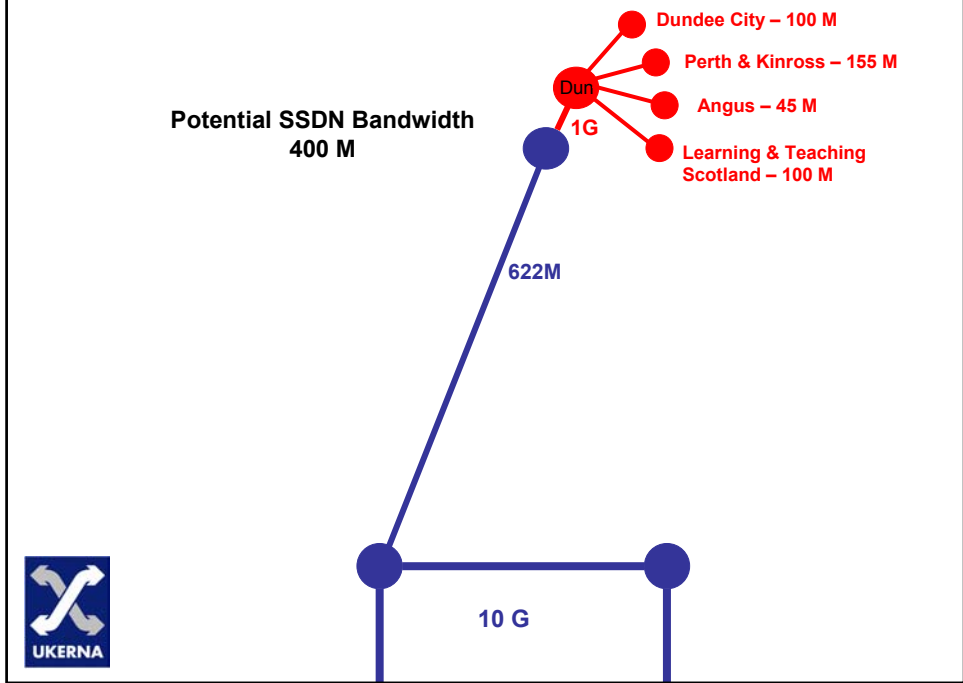
## Glasgow Connections



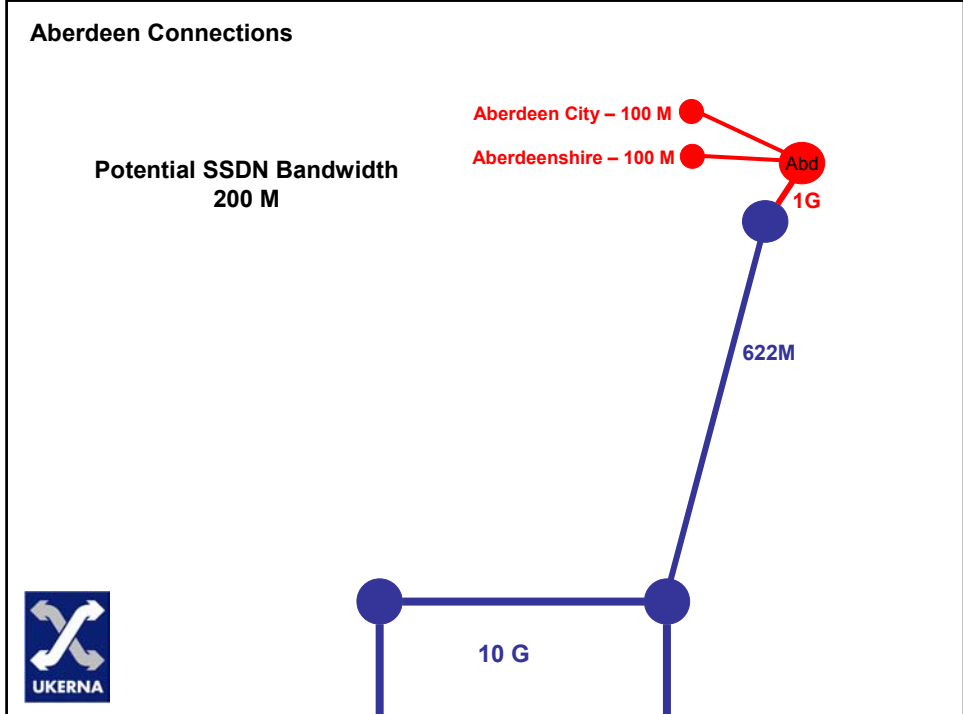
## Edinburgh Connections

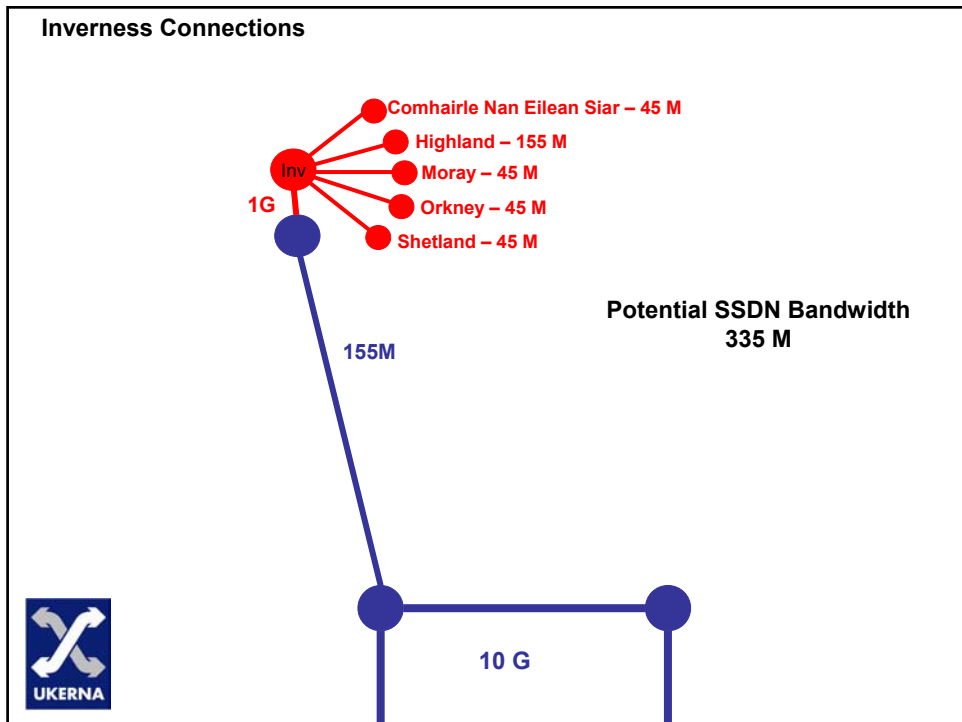


### Dundee Connections



### Aberdeen Connections





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## SSDN Intranet Procurement

- Significant interest (50+ initial expressions)
- PQQ + evaluation
- Bidders Conference
- 10 invited to give a presentation (7 confirmed)
- Presentations completed this week

UKERNA


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## SSDN Intranet Procurement

- **Reduced to 3 for negotiation**
- **To be announced in about 6 weeks time (Prince2 procedures)**
- **Target contract sign 1<sup>st</sup> quarter 2005**
- **Service introduction summer 2005**




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## SSDN Intranet Core Services

- **User directory, authentication system and remote access facility**
- **Social software**
- **Learner environment**
- **National caching service**
- **Intranet training**
- **Help-desk**



## SSDN Intranet Extended Services

- ISP service
- Co-location service
- Local and establishment-based caching service
- Transactional content portal
- Local intranets
- Local help-desks
- Intranet Accreditation
- Advertising



## SSDN Intranet further information

See the SSDN Website

<http://www.ssdn.org.uk>



## Some Useful links

- **SSDN** - [www.ssdn.org.uk](http://www.ssdn.org.uk)
- **UKERNA** - [www.ukerna.ac.uk](http://www.ukerna.ac.uk)
- **JISC MAU** - [www.mau.ac.uk](http://www.mau.ac.uk)
- **Netsight** - [ssdn.netsight.ac.uk](http://ssdn.netsight.ac.uk)



## • Questions ?

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