



# Schools Broadband in England – RBC Update

Simon White





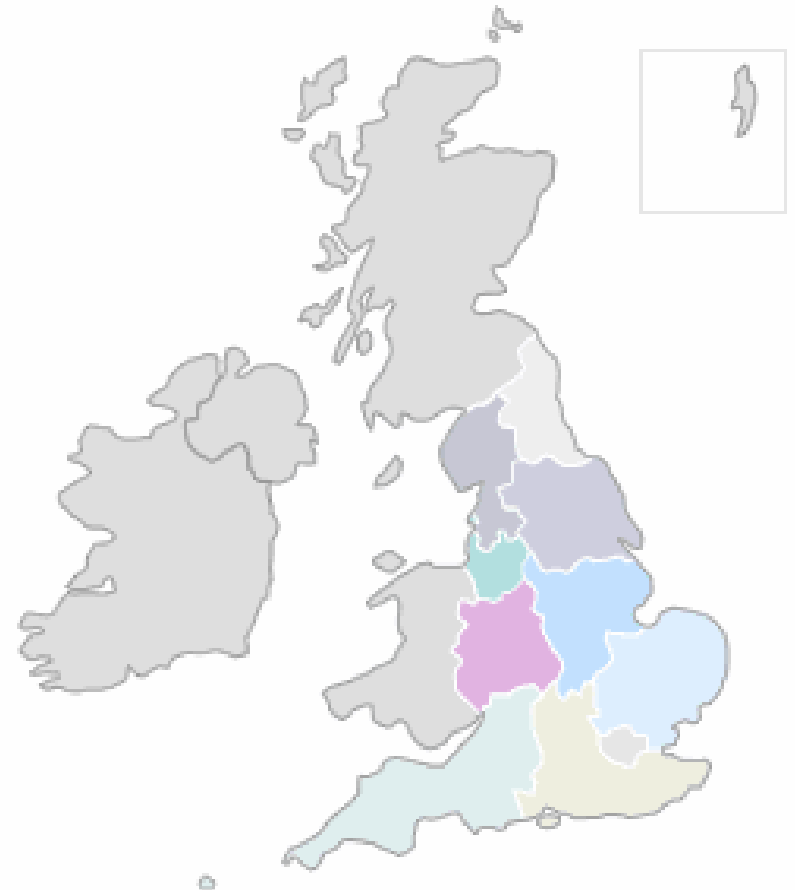
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# Numbers

- 10 RBCs
- Small number of “opted-out” LEAs
- Each connected to SuperJanet backbone
- ~23600 schools
- Mix of solution models, partners etc.





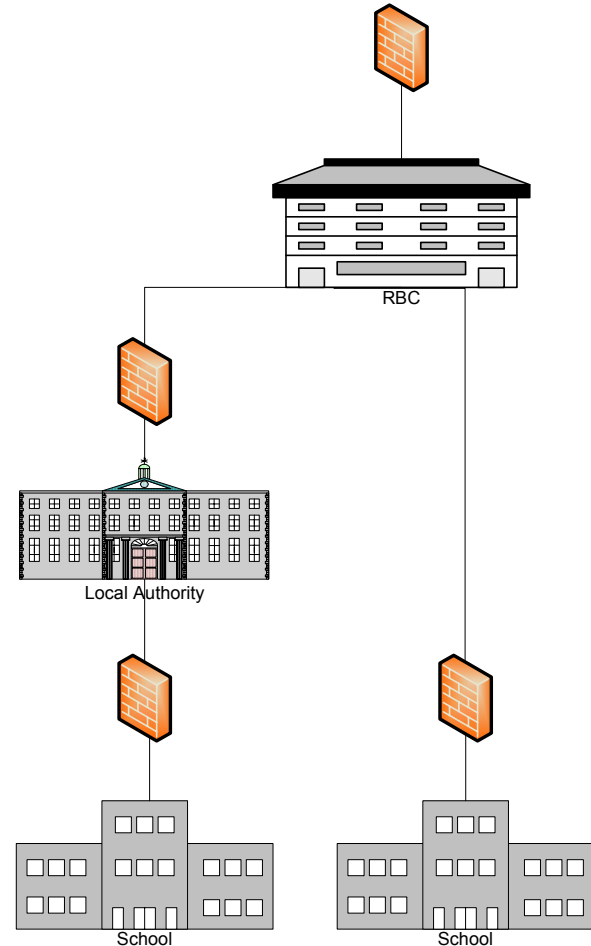
# Funding & Targets

- DfES fund RBCs providing there is matched funding
- Total spend ~£140million this year
- Priorities negotiated between RBCs and DfES
- Schools are expected to contribute
- Connection rates:
  - 2 Mbps symmetric minimum
  - 8 Mbps symmetric secondary schools
  - Higher bandwidth as required
- On target for linking all schools by 2006



# Network Structure

- Variety in:
  - Addressing schemes
  - Management domains
  - Distinction between education and corporate traffic
  - Connection to the Internet
  - No. of Firewalls
  - etc.





# Video Conferencing

- Many applications:
  - Other schools in LEA/RBC
  - Local & National Museums/Heritage sites
  - Commercial distance learning providers
  - International connections
- Significant amount is still ISDN
  - Direct or using gateways
- Gatekeepers, Gateways and directories held at different/multiple points in the network



# UKERNA Pilot Project

- Now there is the connectivity, where are the services?
- Looking at:
  - National gateways & charging
  - Residual E164 numbering issues
  - Directory issues – linking to AAA projects
  - Cascading MCUs



# Future Directions

- Not losing sight that the technical and content projects must progress together
- Interest in UK-wide standards & developments
- Network services such as QoS to enable video conferencing to deliver
- Linking communities across age/sector as well as geography



Any Questions?

[simon.white@wmnet.org.uk](mailto:simon.white@wmnet.org.uk)

