Centre for Excellence in Healthcare Professional Education in the North East

CETL4 Health NE
Centre For Excellence In Teaching And Learning

Scotland NHS-HE Forum 8th June 2010
Part of presentation to:

Improving the future healthcare workforce conference March 2010

Newcastle University

Durham University

northumbria UNIVERSITY

University of Sunderland

Teesside University

NHS North East
North Tees and Hartlepool NHS Foundation Trust
North Tyneside Primary Care Trust
Northumbria Healthcare NHS Foundation Trust

Strand: Enabling Learning through Technology

A collaborative approach to improving network infrastructure between the NHS and education

CETL4HealthNE: Enabling Teaching and Learning Strategy : The Vision

Improved communications infrastructure for healthcare students and teachers:

- High Bandwidth academic network connections to at least 8 clinical teaching sites

- Videoconference systems (fixed and mobile) at academic and clinical teaching sites (IP not ISDN)

With thanks to Lesley Scott

JANET Videoconferencing Service (JVCS)

- JISC (+) funded JANET service managed by JANET(UK), provided by University of Edinburgh

- Running for 12 years

- Currently 5900 registered venues over IP (664 for ISDN)

- An average of 85 multi-venue conferences daily

- Managed videoconferences, dial out
- Web based booking system
- Global Dialling Scheme

Who uses it?

- HE/FE & Research

- Schools

- Content providers (i.e. Museums)

- Guest venues

- NHS…..

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Enabling Teaching and Learning Strategy : The Vision 2

NHS-HE Forum Leeds, May 2006

CETL4HealthNE contributed to N3-JANET Gateway

Stage 1 – part of Early Adopter Group

Stage 2 – Multipoint Videoconferencing via JANET Videoconferencing Service (JVCS)

With thanks to Lesley Scott

HE Installations

Newcastle University

- Fixed and Mobile endpoints

Durham University

- Fixed and Mobile endpoints

Northumbria University

- Fixed and Mobile endpoints

Sunderland University

- Fixed endpoints

Teesside University

- Fixed endpoint

With thanks to Lesley Scott

NHS installations

James Cook University Hospital (South Tees)

- Multi site installation

North Tees and Hartlepool Foundation NHS Trust

- Multi site installation

- Mobile installations

Northumbria Healthcare Foundation NHS Trust

- Multi site installation
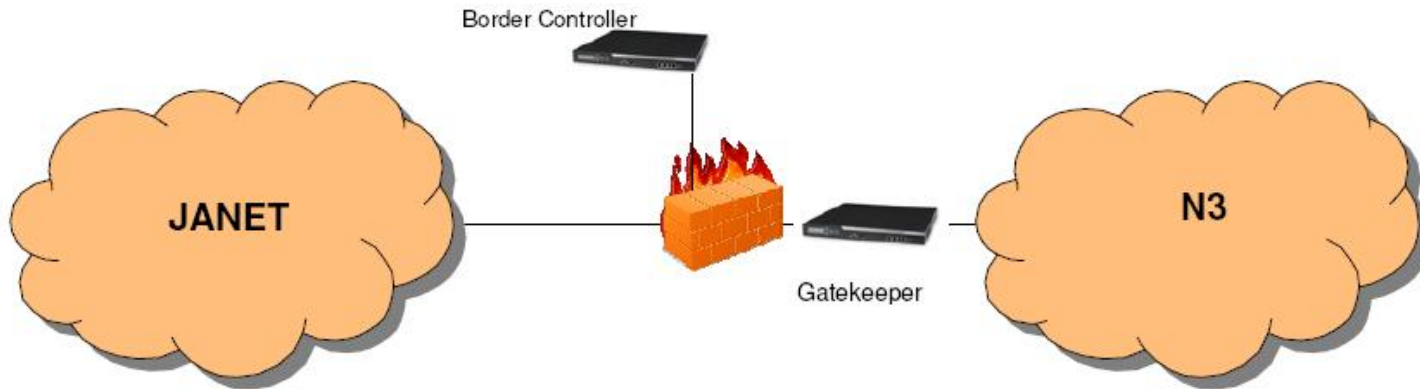
North Tyneside Primary Care Trust

- Community based installation
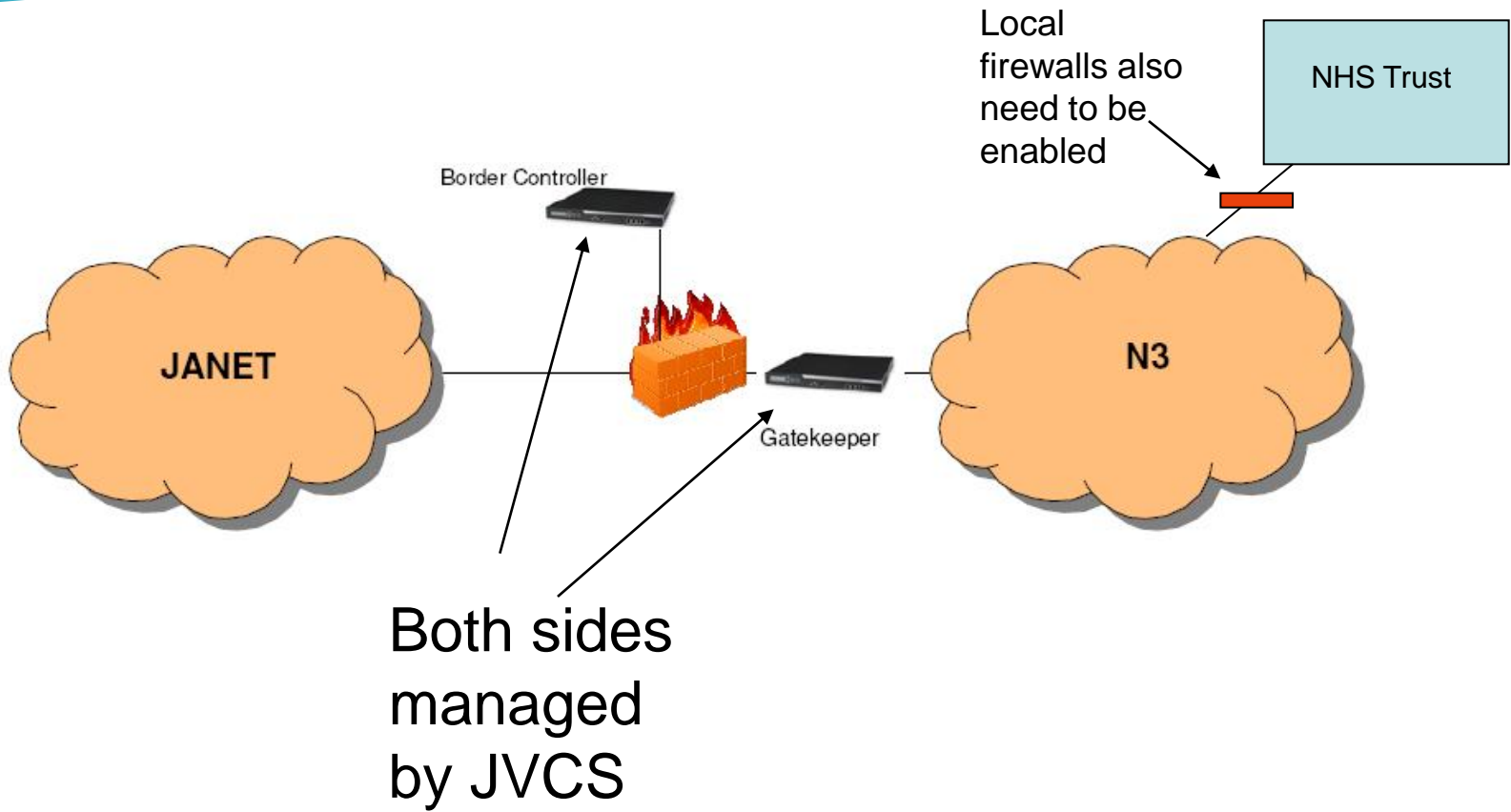
With thanks to Lesley Scott

JVCS Early Adopters in NHS

- University of Newcastle bought a Tandberg expressway from Direct Visual and donated it to the N3 JANET Gateway project

- Collaboration absolutely key

- It works for South Tees Hospitals NHS Trust and North Tees and Hartlepool NHS Foundation Trust (but with a quality issue)

- Northumberland Healthcare NHS Foundation Trust and North Tyneside PCT

- Others might join – but see later….

- Currently not for patient identifiable data (may look to switch on encryption though)

Tandberg Expressway at the N3 JANET Gateway

Tandberg Expressway at the N3 JANET Gateway

Local firewalls also need to be enabled

NHS Trust

Border Controller

JANET

Gatekeeper

N3

Both sides managed by JVCS

What Next 1?

- Are we there yet? No
- Finish CETL4HealthNE project
  - Last sites
  - Help with the embedding
  - Learn the lessons

What Next 2?

- New N3 JANET Gateway
- "Active" Gateway at Kingston, "standby" at Manchester. Full resilient service
- Delivery June 2010
- Going to move the vc early adopter on to the new "Active" Gateway
- Other features could be brought in e.g. JANET desktop

What Next 3

- In the meantime, NHS Connecting for Health are developing their own "N3 vc bridging service" (thank you to the SHAs!)

- Talking to CfH about an interlink between the new N3 service and JVCS

- Talking to NHS National Services Scotland about testing their infrastructure by linking across to JVCS i.e. becoming an early adopter

- Looks to be the best strategic solution but early days yet. Should know more in the next few months as new project initiated in July.

VC Conclusions

- Work in progress
- But have the basis of a scalable national solution
- At the table with Connecting for Health and NHS National Services Scotland on vc strategy because of this work
- CETL4HealthNE support has been absolutely vital in this