

Centre for Excellence in Healthcare Professional Education in the North East



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

Improving the future healthcare workforce conference March 2010



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.....

CETL4HealthNE: Enabling Teaching and Learning Strategy : The Vision

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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

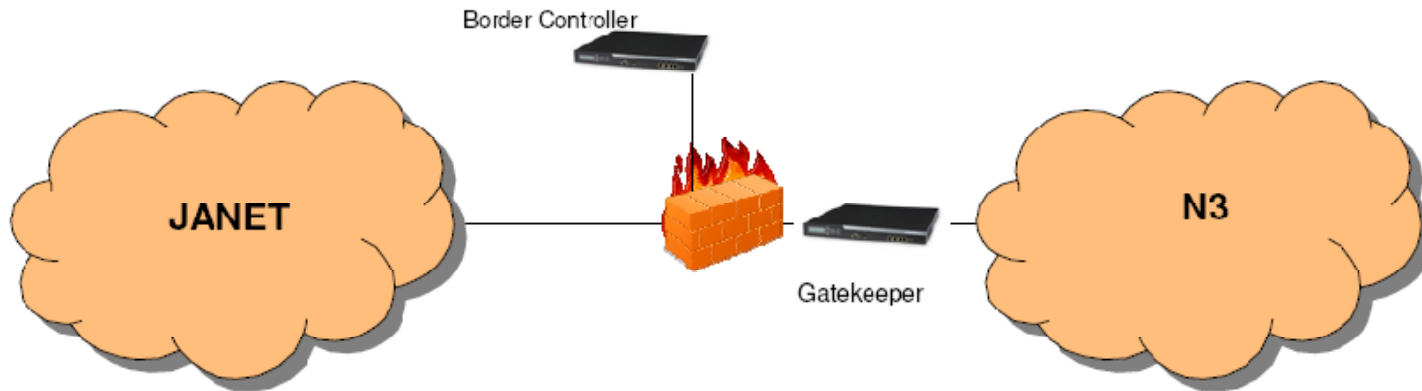
- Community based installation

With thanks to Lesley Scott

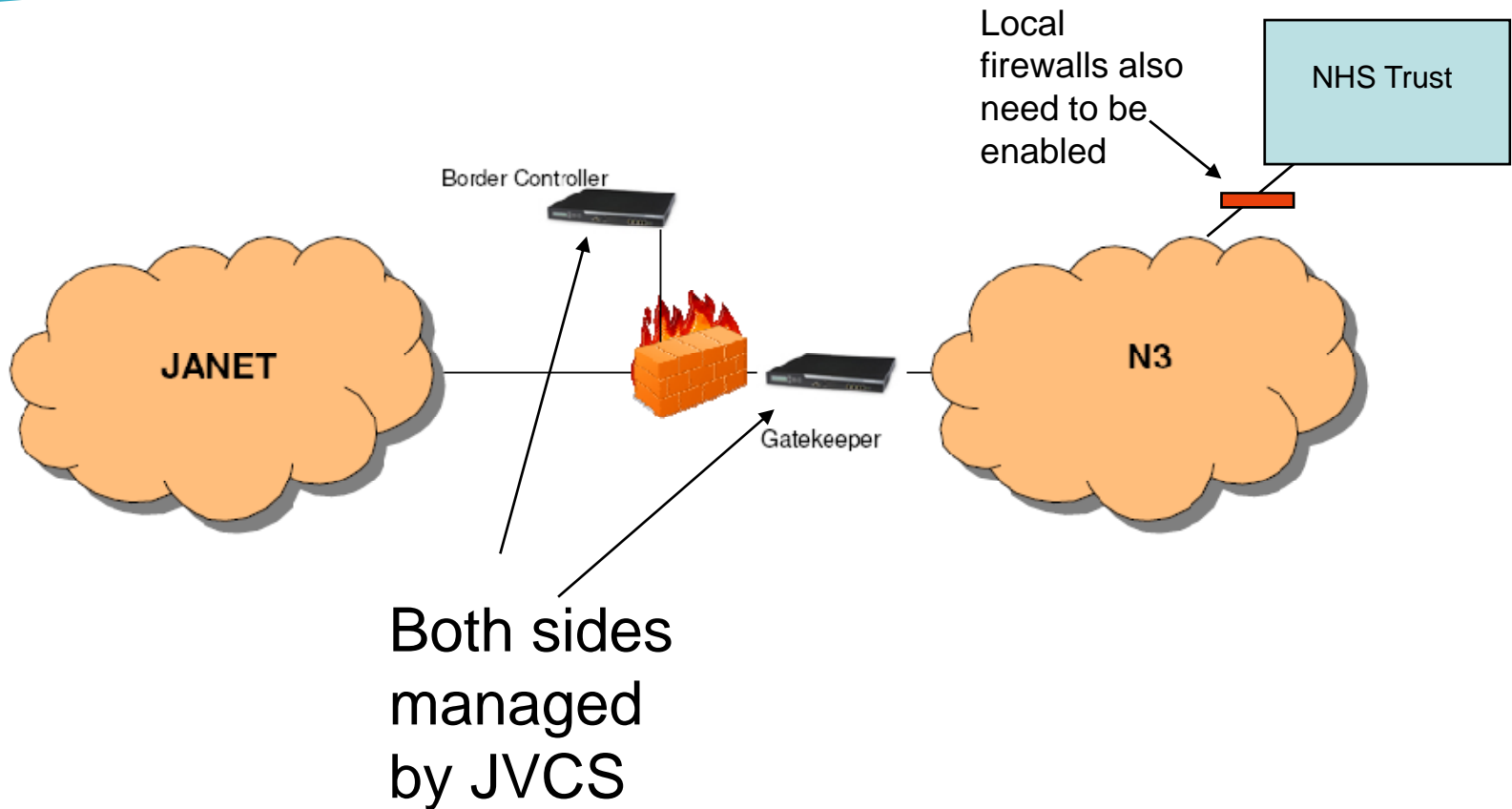
JVCS Early Adopters in NHS

- 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



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