




# N3 JANET Gateway.... .....Next

Scotland NHS HE Forum, 5<sup>th</sup> December 2007

Following a meeting of the N3 JANET  
Gateway & Advisory Group on 19<sup>th</sup> Nov 07



A group of healthcare professionals, including doctors and nurses, standing together.

to build a gateway for “early adopter” use  
selected projects as pathfinders

to analyse traffic crossing the gateway  
amounts, and types of use

to demonstrate practical collaborations  
establish that investment was worthwhile

to prepare a case for a permanent gateway  
sized and operated appropriately



# Now: Sessions initiated in N3; no PID



Sessions initiated in:

	N3	JANET
No PID	Now	Eg NHS intranets
PID	Eg collecting research data	Access to NHS clinical systems



# More Early Adopters please...

## Sessions initiated in N3, no PID:

- University of Edinburgh Proposal
- University of Dundee
- More users of JVCS
- Investigate NHS use of JANET Roaming (Eduroam)
- Others requested



# Next 1: Sessions initiated in N3; may be PID



Sessions initiated in:

	N3	JANET
No PID	Now	Eg NHS intranets
PID	Eg collecting research data	Access to NHS clinical systems



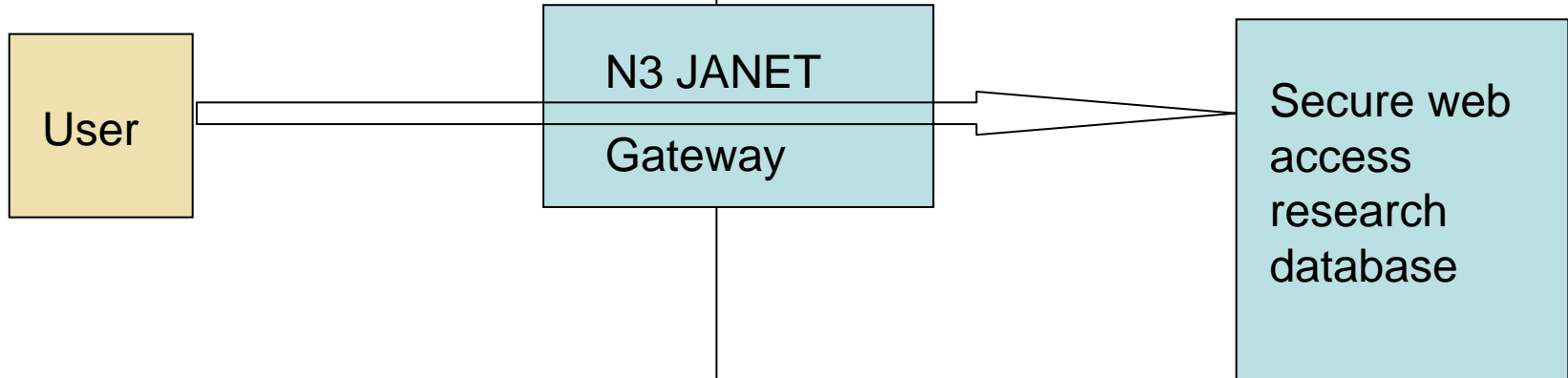


Next 1: Sessions initiated  
in N3; **may be PID**



NHS, N3

Education &  
Research, JANET



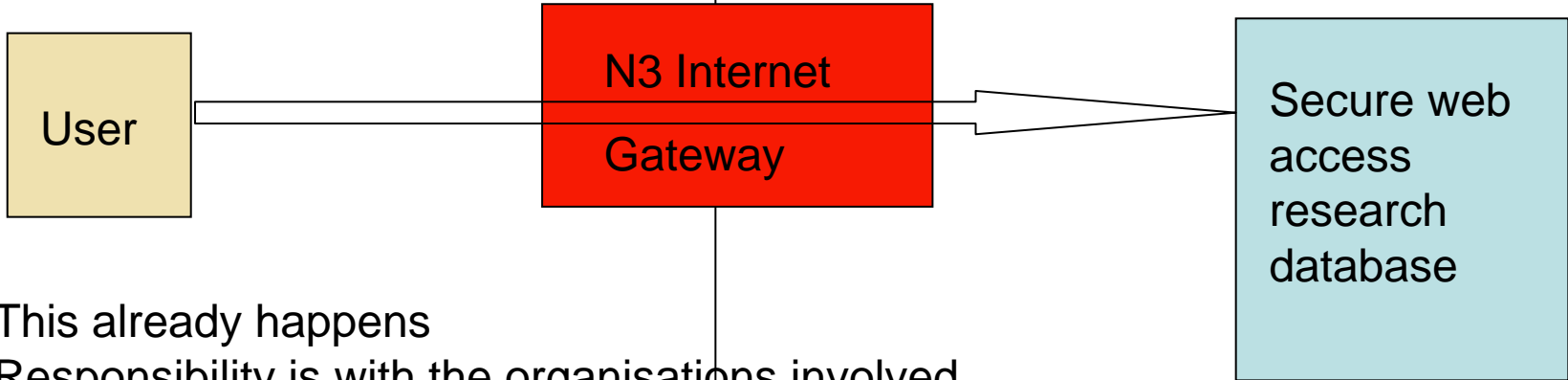


Next 1: Sessions initiated in N3; **may be PID**



NHS, N3

Education & Research, JANET



This already happens  
Responsibility is with the organisations involved  
and research ethic committee approval



So...

- Investigating whether to take all existing N3 to JANET traffic from the N3 Internet Gateway
- About 20 Mb
- Capacity, performance and reliability
- Potential fall-back to N3 Internet Gateway



# Next 2: Sessions initiated in **JANET**; no PID



Sessions initiated in:

	N3	JANET
No PID	Now	Eg NHS intranets
PID	Eg collecting research data	Access to NHS clinical systems





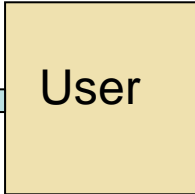
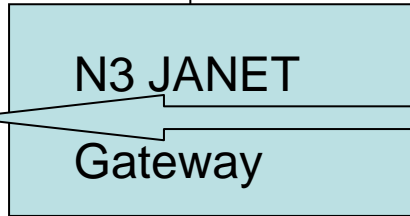
Next 2: Sessions initiated in **JANET**; no PID



NHS, N3

Education & Research, JANET

Proxy Server



Trust intranet, or licensed knowledge resources

Is there a need for this or is IP address authentication likely to disappear?



# Next 3: Sessions initiated in JANET; PID involved



Sessions initiated in:

	N3	JANET
No PID	Now	Eg NHS intranets
PID	Eg collecting research data	Access to NHS clinical systems

NHS staff needing access from JANET for NHS work

University Research staff needing access to PID for research (with ethical approval)



## Next 3: Sessions initiated in **JANET**; **PID** involved

- Not so much the connectivity...
- The authorisation and authentication is the key
- NHS in England have role based access linked to smartcards
- And VPN with secure token via internet
- Going to investigate how these can be used from JANET



# Outside England & Scotland

## Wales

DAWN2, North & South Wales MANs  
transition to Wales' PSBA (Public Service  
Broadband Aggregation) Network

Discussions on how & where to gateway in  
December?

## Northern Ireland



# Summary

- Evaluation in March, Creating the business case for after the year
- More early adopters with similar needs to the initial ones + JANET Roaming
- Considering all N3 to JANET traffic
- But want to work with others in the sessions initiated in JANET categories

