



# Update from the N3/JANET Gateway Working Group

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# Synopsis

- What we're trying to achieve
- What needs to happen
- "Foreign" networks
- Timescales



# Objectives

1. to build a gateway for “early adopter” use
  - selected projects as pathfinders
2. to analyse traffic crossing the gateway
  - amounts, and types of use
3. to demonstrate practical collaborations
  - establish that investment was worthwhile
4. to prepare a case for a permanent gateway
  - sized and operated appropriately



# Early adopters

- University of Newcastle | NE CETL
  - fast web access and videoconferencing between NHS and university sites in NE partnership
  - reduced costs compared to dedicated circuits
- University of Bristol | Clinical Academies
  - eight academies linked to UoB and UWE
  - move from bespoke network → trust network
  - reduced costs of networking & improved support

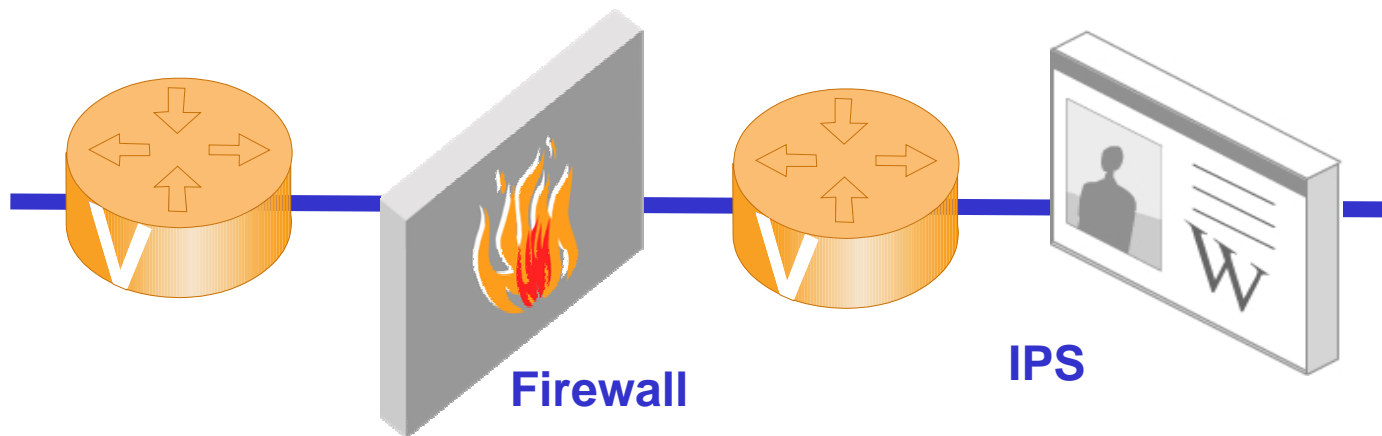


## Early adopters (contd.)

- University of Birmingham: MidReC EN
  - add NHS access: improved service to users
    - collect data from practices
    - allow NHS staff access to database
    - video-based training & support
- JANET Videoconferencing Service
  - NHS studio access to HE (+ FE + schools ...)  
conferences running over JANET

# Physical gateway

- connect JANET backbone & N3 core



- single 100 Mbps interconnection in London



# Above the plumbing

- IP addressing on N3
    - not fit to be seen in public
  - procedures for authorising flows
    - N3 assumption that it initiates
  - bandwidth flows across N3 core
- } **walled garden  
meets  
public square**
- enabling and supporting early adopters
  - use of bilateral University/Trust links?



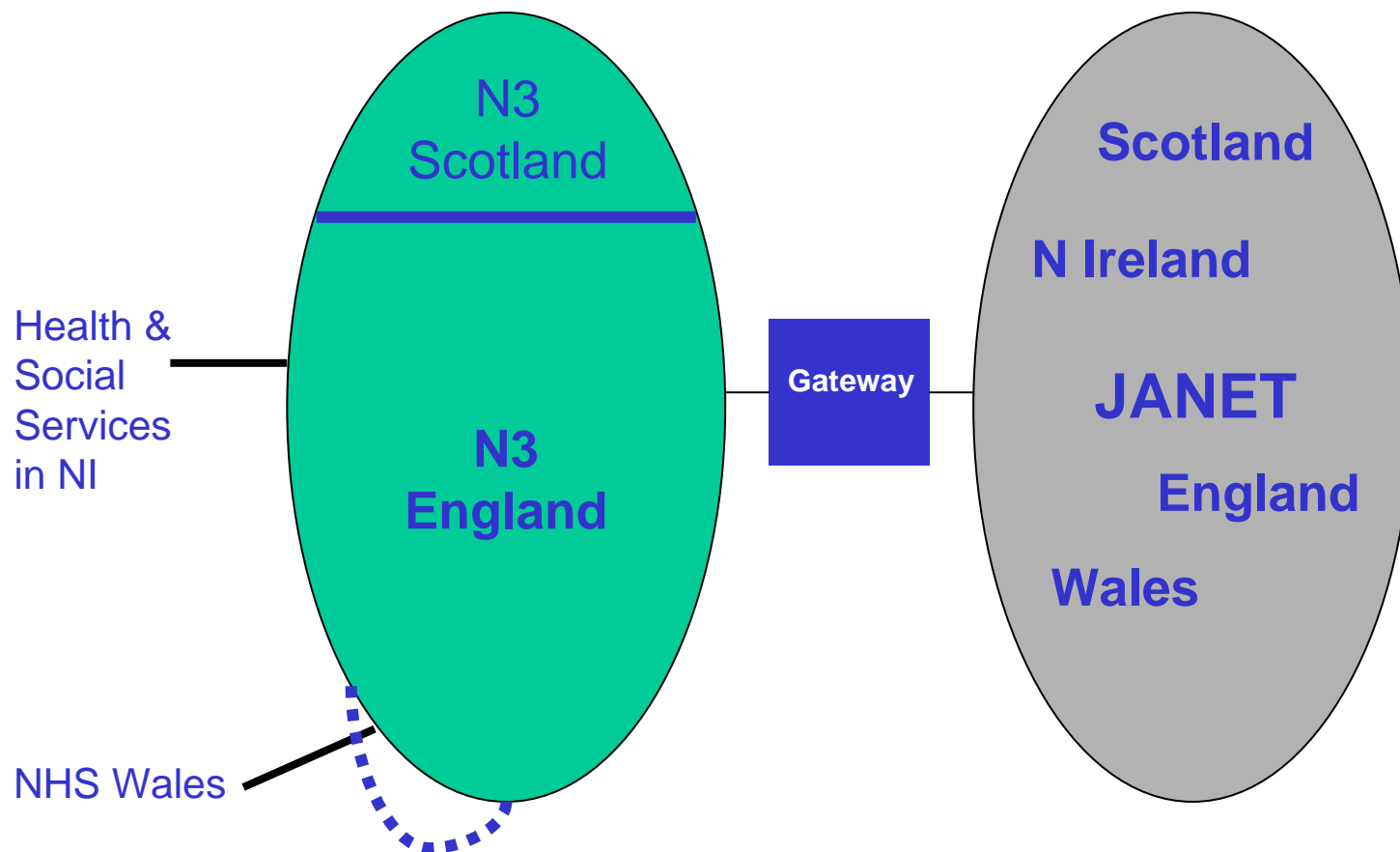
# Outside England

- Scotland
  - Improvement Service: unique citizen number
  - to be implemented over SSDN
  - access by NHS in Scotland?
- Wales
  - DAWN2, North & South Wales MANs transition to AWPSN
  - where to gateway?





# UK-wide or country gateways?





## Current timescales

December 2006	technical design completed formal orders made
March 2007	gateway comes into operation
May 2007	first use by early adopters
November 2007	initial evaluation of operational and early adopter experience



**Thank you – Questions?**