



The English National Health Service (NHS) – National programme for IT (NPfIT)

An Overview

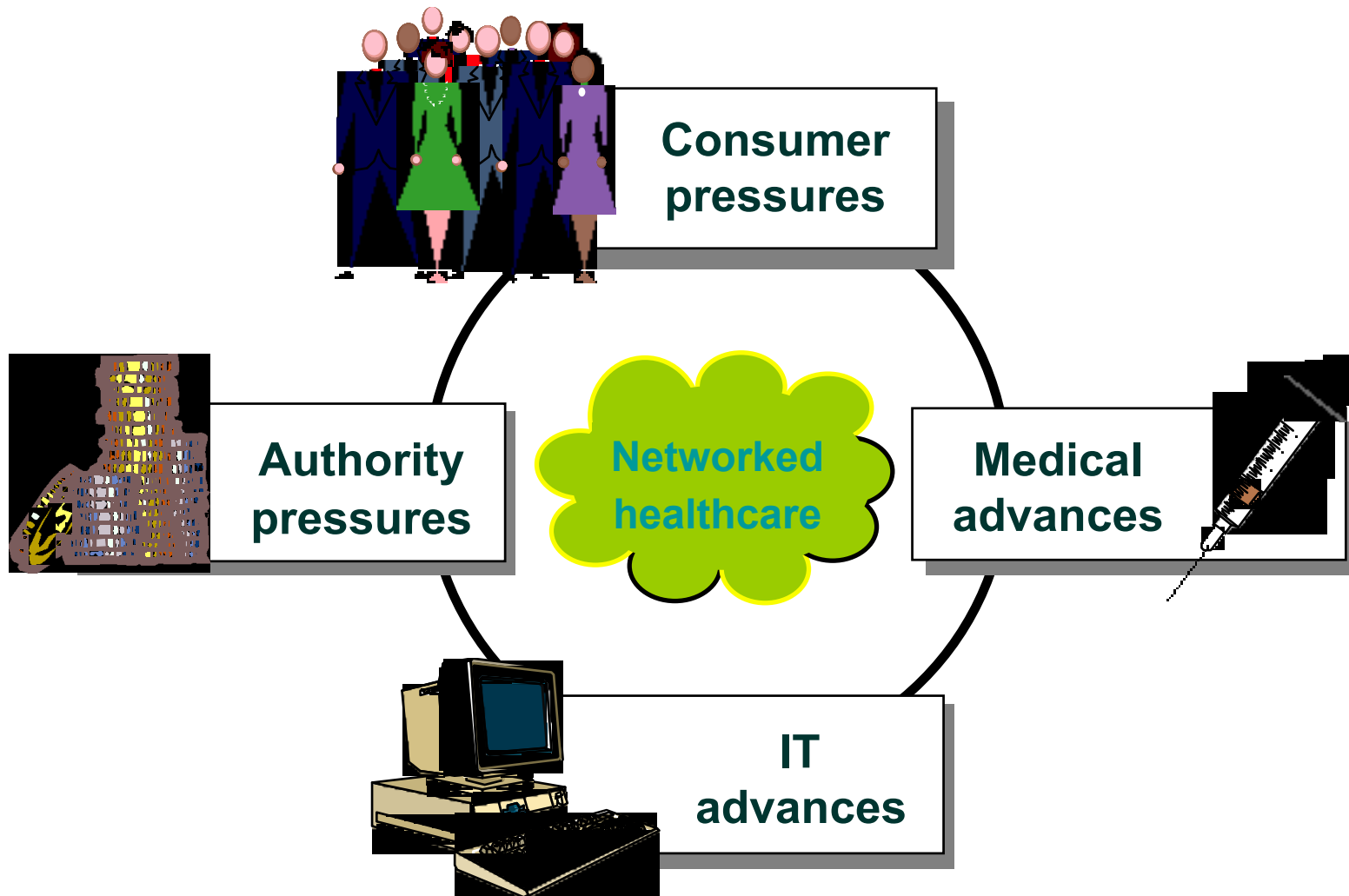
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- What lead to the NPfIT programme?
- What does it aim to achieve?
- What it is going to deliver?
- Who is doing the work?

- Where does GIS fit?



4 NPfIT Primary Objectives

- Objectives
 - Remove data duplication
 - Share information
 - Improve accuracy

by...

- Moving away from paper records and making full use of Information Communications Technology



- Components
 - National Care Records System (NCRS)
 - Choose and Book
 - Picture Archiving and Communications system
 - Electronic Transfer of Prescriptions
 - Updating of infrastructure – broadband (N3)
- Phasing
 - 1 end 2004 – building of the NCRS
 - 2 end 2006 – active and interactive functionality
 - 3 end 2008 – profitable!
 - 4 ... to 2013



- NPfIT Strategic targets

Waiting Times	Target
Operations	2005 – 6 months 2008 – 3 months
Outpatient appointments	2005 – 3 months
A&E departments (Emergency Room)	2004 – 4 hours Average wait - 75 minutes
GP (General Practitioner) and primary care professionals	2004 – 48 hours, or seen by another primary care professional within 24 hours

7 NPfIT Priorities and Targets



- **Choose and Book (CAB)**
 - By the end of 2005 – available nationally providing patients with a choice of 4 or 5 providers
- **NHS Care Record Service (NCRS)**
 - Implement starting early 2005, with increasing functionality and geographic coverage achieving majority completion by 2008
- **Electronic Transfer of Prescriptions (ETP)**
 - Service available from 2005, with 50% of prescriptions transmitted electronically by end of 2005, and 100% by end of 2007
- **National Picture Archive and Communication Service (PACS)**
 - First sites live by winter 2004
 - 100% coverage by end spring 2007
- **N3**
 - Provide the enabling broadband infrastructure to support the new national applications

8 How is it all being done?

- UK Government investment will be delivered through a 10 year £6.3 billion programme. **11 Billion Dollars**
- National Contracts:
 - Choose and Book = Atos Origin for £65m (**113 million dollars**)
 - NCRS and N3 = British Telecom for £1,180m (**2000 million dollars**)
 - ETP = Cable and Wireless
 - PACS = General Electric
- Local Service Provider (LSP) Contracts:
 - NE = Accenture for £1,099m (**1900 million dollars**)
 - NW = CSC for £973m (**1700 million dollars**)
 - E = Accenture for 934m (**1600 million dollars**)
 - S = Fujitsu for £896m (**1500 million dollars**)
 - London = BT £996m (**1700 million dollars**)



- What is going to plan
 - **Choose & Book Live**
 - First real appointments booked July 2004
 - **Care Record Service Live**
 - National Data Spine operational June 2004
 - Deployment plans established nationally
 - **Electronic Transfer of Prescriptions (ETP)**
 - ETP on plan to commence roll out early 2005
 - **N3 Live**
 - Being deployed to support C&B and Care Records Service rollout



- What others are saying
 - Too large
 - Criticised for lack of input from clinicians
 - Accused of hiding costs amounting to 5 times budget
 - Infringement of “privacy” laws
 - Opt-in or Opt-out
 - Contractors implementing “conservative” rather than “innovative” applications to lessen risk
 - Too risky
 - Not enough thought about the consequences



- There is no mention of GIS within any of the procurement documents and no GIS provider in any of the consortia.
- However
 - Planning for “secondary” uses of NCRS
 - Need some kind of gazetteer management
 - Need for detailed analysis and more efficient targeting of resources
 - See www.npfit.nhs.uk
 - Also www.e-health-insider.com/index.cfm