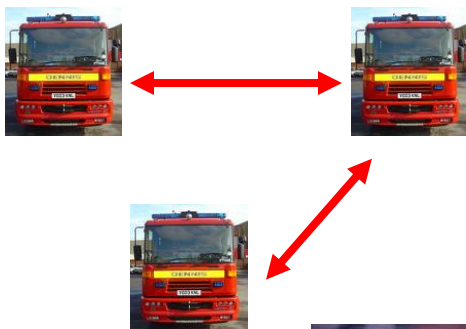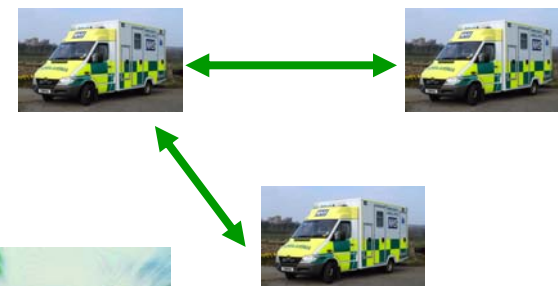# Interoperability: Radio communications

Voice and Data

Same-Service
Working and
Command Talkgroups
Voice & *Data*

Same-Service
Working and
Command Talkgroups
Voice & Data

**"all-informed"
Interoperability
Command Talkgroup**

Same-Service
Working and
Command Talkgroups
Voice & *Data*

Interoperability:
Data technologies

£50 Million Government funding for handheld devices

Automatic Number Plate Recognition (ANPR) connects to National ANPR Data Centre

"Lantern" handheld fingerprint reader connects to "IDENT 1" & "IAFS"

- Incident recording
- Search local / national systems
- Share imagery
- Print

INVESTOR IN PEOPLE

Interoperability: Data fusion

Mobile information

- Data
  - Incident recording
  - Building plans
  - GIS Mapping
  - GPS location / tracking
  - Common language
  - Common symbology

- Video Streaming
  - CCTV
  - Mobile CCTV
  - Body Cameras
  - Air to Ground

Mobile Information Programme

Interoperability - continuum

NPIA
National Policing
Improvement Agency

Q1 2008

Governance		Individual Agencies Working Independently	Informal Coordination Between Agencies	Key Multidiscipline Staff Collaboration on a Regular Basis	Regional Committee Working with a National Interoperability Committee
Standard Operating Procedures		Individual Agency SOPs	Joint SOPs for Planned Events	Joint SOPs for Emergencies	Regional Set of Communications SOPs · National Incident Management System Integrated SOPs
Technology		Swap Radios Bronze Interim Solution	Gateway	Shared Talkgroups	Proprietary Shared Systems · Standards-based Shared Systems
Training & Exercises		General Orientation on Equipment	Single Agency Tabletop Exercises for Key Field and Support Staff	Multiagency Tabletop Exercises for Key Field and Support Staff	Multiagency Full Functional Exercise Involving All Staff · Regular Comprehensive Regional Training and Exercises
Usage		Planned Events	Localised Emergency Incidents	Regional Incident Management	Daily Use Throughout Region

Limited Leadership, Planning, and Collaboration among Areas with Minimal Investment in the Sustainability of Systems and Documentation

High Degree of Leadership, and Collaboration among Areas with Commitment to and Investment in Sustainability of Systems and Documentation

2012

Minimal Level ← → Optimal Level

Homeland Security