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Cost savings through sharing spatial data and software

Richard Spooner



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What can you share?

guardian government comp

Information management in public services

Report urges councils to share more services

Local authorities should adopt a presumption in favour of shared services, according to a new thinktank report

Home » Sector » Local government » Pickles: councils will...

Pickles: councils will have to share planners

4/10/10 10:36 AM BY RICK JOHNSTONE



Communities secretary Eric Pickles has said sharing staff, including planners, and merging services between councils is the future of local government.

In a speech to the Conservative Party...

London councils to save £11m in joint IT venture

Havering and Newham London borough councils are set to save a more than £11m between them in a ground breaking deal to share technology support services.



- Services
- Personnel
- Procurement
- Hardware
- Premises
- Data
- Software

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maximise sharing



minimise duplication

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Reorganisation

Collaboration

Rationalisation

Standardisation



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Technical barriers to data sharing have been solved



- data conversion
- data transfer using standard data formats
- read spatial data in its native format without conversion
- shared centralised databases
- standardised web services

What conditions make collaboration succeed?

- Necessity
- Reciprocity
- Efficiency
- Legitimacy
- Stability
- Asymmetry

Christine Oliver, 'Determinants of Interorganizational Relationships: Integration and Future Directions', *Academy of Management Review*, 1990, Vol. 15. No. 2. 241-265



Welcome to the East Border Region mapping website.

The location for viewing data provided by your local authorities.

This site aims to deliver information, interaction and services to the wider public in participating Council areas namely Monaghan and Cavan County Councils, Down, Banbridge, Armagh City and Newry & Mourne District Councils and Ards and Craigavon Borough Council.

Please select any of the choices below and choose a particular area to view information.

Click on the link for help and further information on how to use the [Online Mapping Service](#)

Select an authority from the list and click go...

ARDS
ARMAGH
BANBRIDGE
CAVAN
CRAIGAVON
DOWN
MONAGHAN
NEWRY & MOURNE
EAST BORDER REGION

Go

...or click the required authority on the map below



Special EU programmes Body

Region co-financed by the European Union

East Border Region



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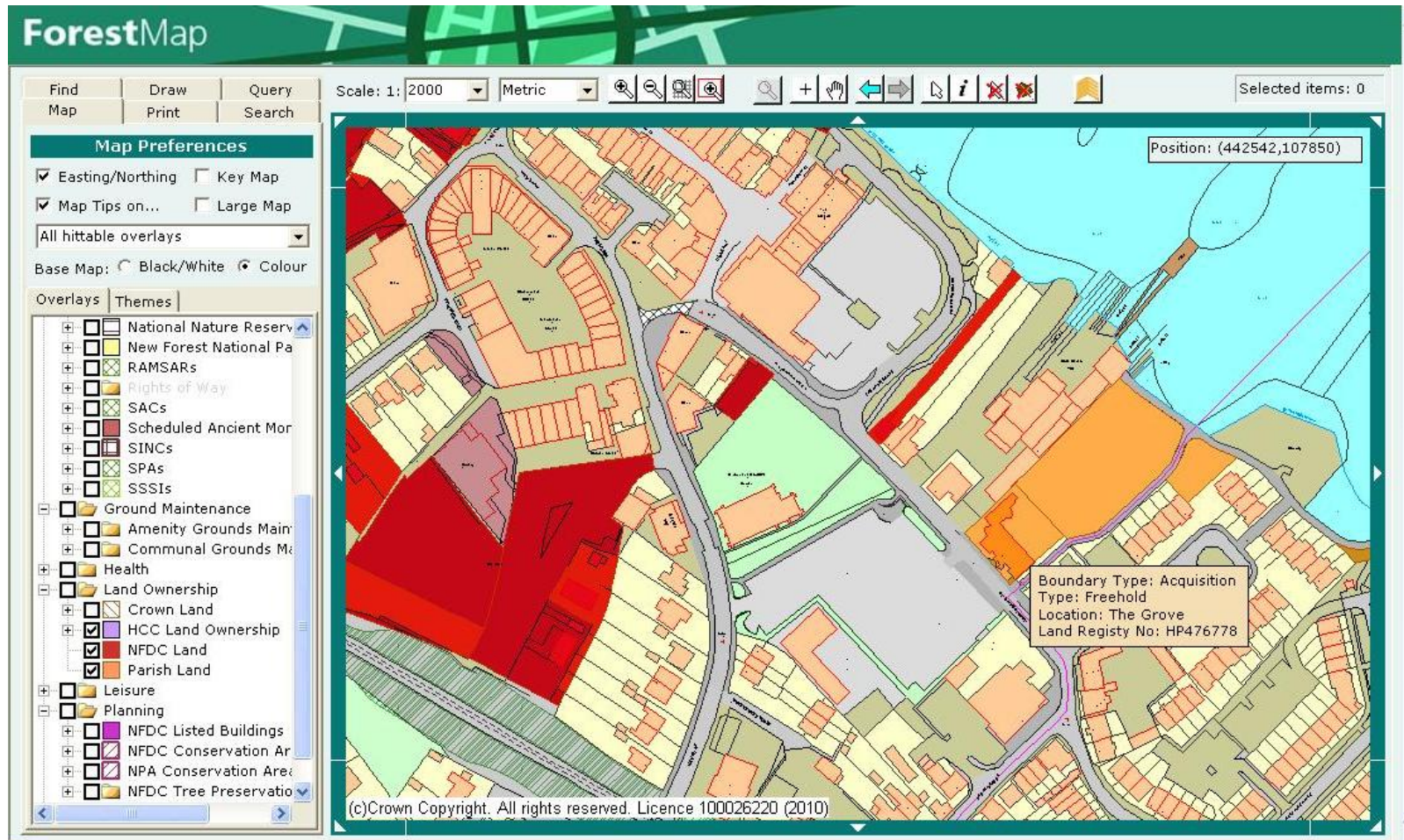
Cross Border Project: cost savings

- Sharing GI infrastructure between eight authorities:
 - one geoprocessing engine
 - one central data store
 - one web application template
- Capital costs and current costs spread over eight authorities.

Necessity

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New Forest District Council



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Cost savings to New Forest DC

- Extranet capability added at minimal additional cost to NFDC
- Avoided the need for individual T&PCs to install and manage their own desktop GIS (£5,000 p.a.)
- T&PCs pay for the service, by head of population.
- Income from the service has paid for additional staff and resources in NFDC.

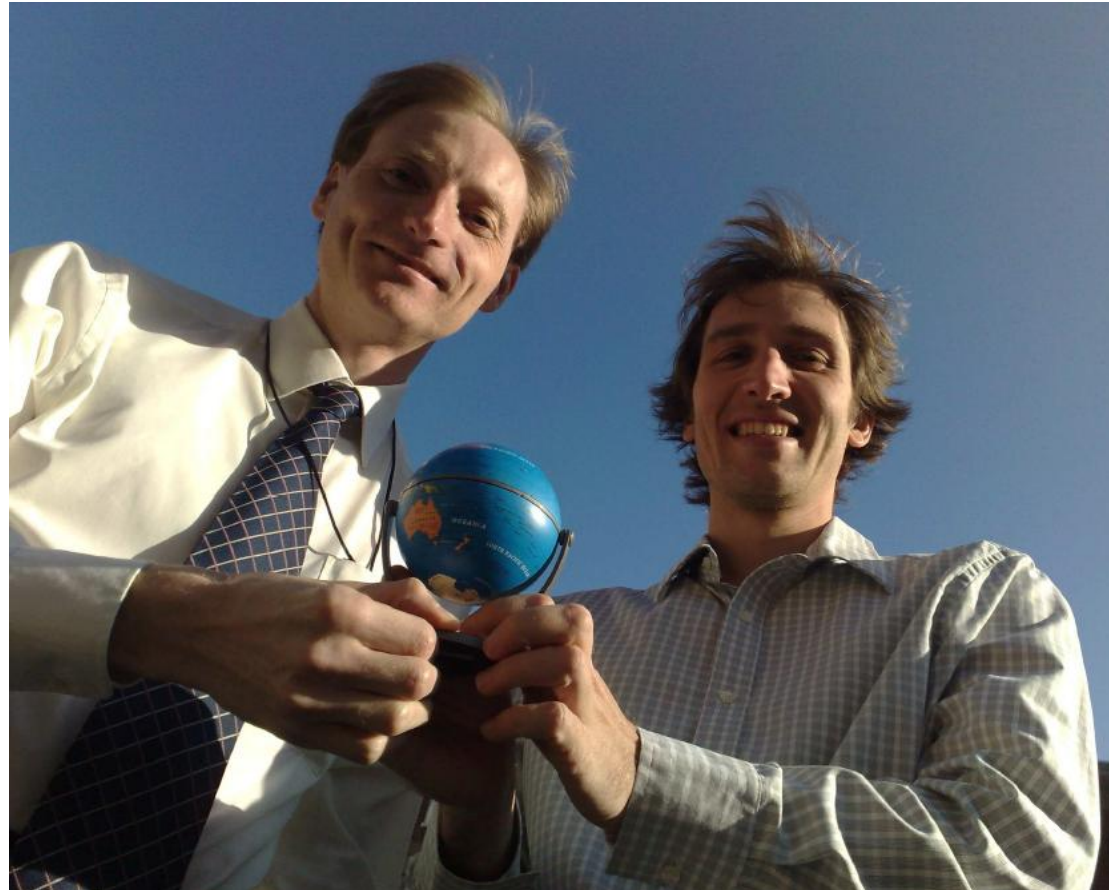
Efficiency

Reciprocity

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Warwickshire County Council



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WCC in 2008

Problem

- Duplicated web technologies
- Duplicated data

Response

- 'Corporate GI Web Application Framework'
- Spatial data as a *'definitive source of geographical information for citizens, staff and partners'*

The range & reach of GI in WCC today

- 5,500 potential users
- 500 active users
- 400+ data sets available on-line
- GIS no longer the preserve of Environmental Services, and Property

Cost savings to WCC (intranet only)

- One geoprocessing engine for internal and external web sites
- Avoid desktop expansion
- Drop desktop maintenance
- Drop existing intranet product and GIS Server licensing
- Fire and Rescue drop existing product
- Take GIS training in-house

Efficiency

Legitimacy

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CCTV mapping in Salford



Home Living Learning Leisure Business Online services Your c

Press releases
Media relations
Press release archive

Home » Your council » Press releases » Salford wins award

Salford wins award for fighting crime

Salford City Council's work to tackle crime has received national praise.

The council's CCTV network which is one of the most advanced in the country has won the [Government Business Award](#)  for public sector security.

The system was officially opened by the former Home Secretary Alan Johnson in March last year and was brought in to upgrade 160 cameras across the city to new digital technology.



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Scale: 1:2500

Show key map

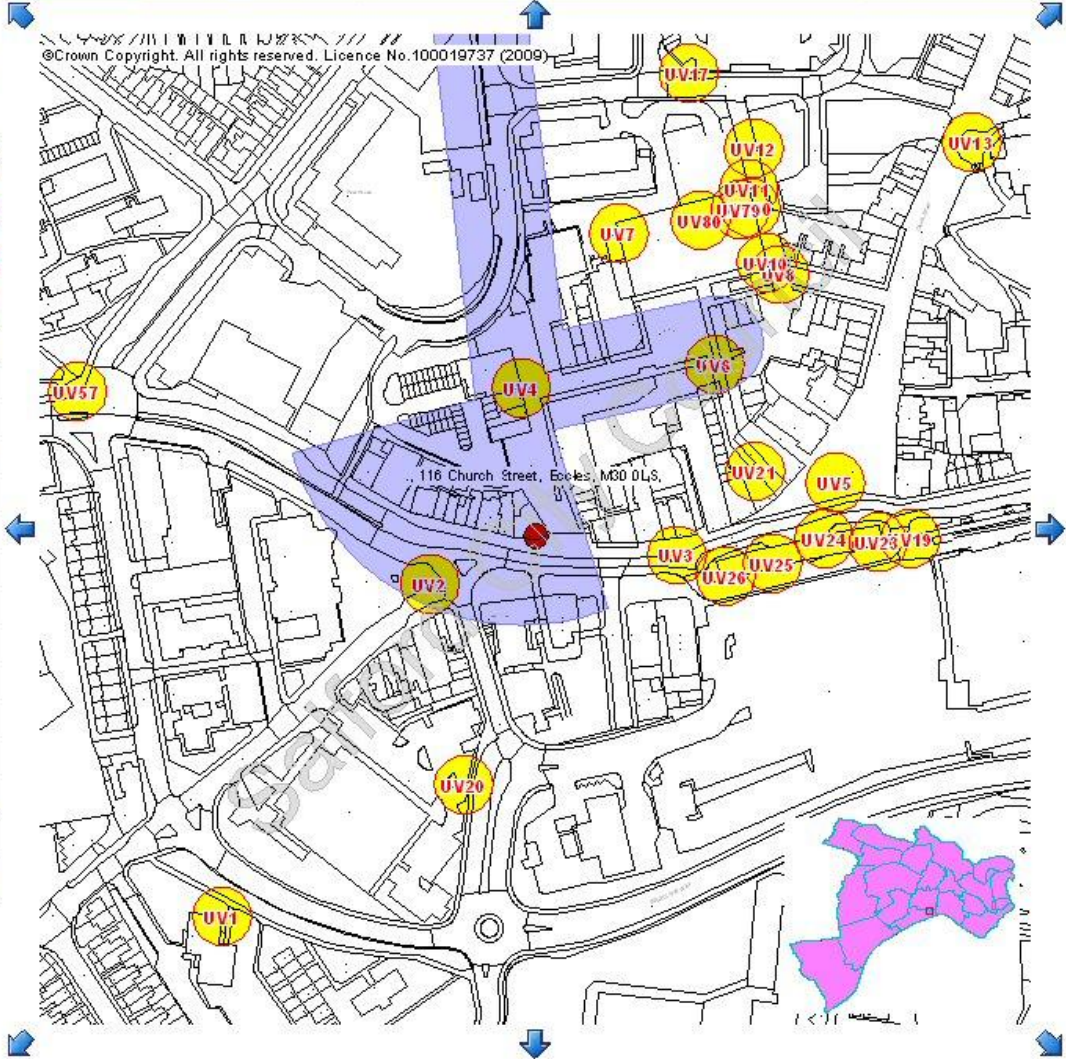
Click to get all the cameras that have a field of view of the selected location.

Create a route on the map and find all cameras that intersect it. You can have up to 5 points on your route

Click to deselect the camera.

Description	Value
CameraID	UV4
Control_Room_No	Camera 4
Location	On Southway Flats adj...
Ward	Eccles
Commission_Date	01/12/1997
Camera_Usage	Public Space
Transmission_Format	Fibre Optic
Mount_Height	12 Metres
Camera_Termination_...	Eccles
Contact_Phone	0161 779 4977
OutofHours_Phone	0161 789 8496
Contact_email	danny.hoy@urbanvisio...
Fields_of_View	Surveyed

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Costs and benefits of CCTV mapping

Benefits/ cost savings

- Avoid expensive site visits
- Faster crime reporting
- Increased crime detection
- Real-time monitoring
- Reduced crime
- Reduced fear of crime
- Improved network planning
- Faster RIPA licences
- Reduction in nuisance calls...

Cost to GM Police, GM Fire,
BT Police... ?

...minimal

Efficiency

Legitimacy

Reciprocity

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Demonstration

www.salford.gov.uk

A decorative graphic at the bottom of the slide featuring several interlocking gears. One gear in the foreground is a vibrant red, while the others are a light grey. The gears are arranged in a cluster, with some overlapping, creating a sense of depth and mechanical complexity.

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Stop hugging.
Start sharing.



Thank you

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