

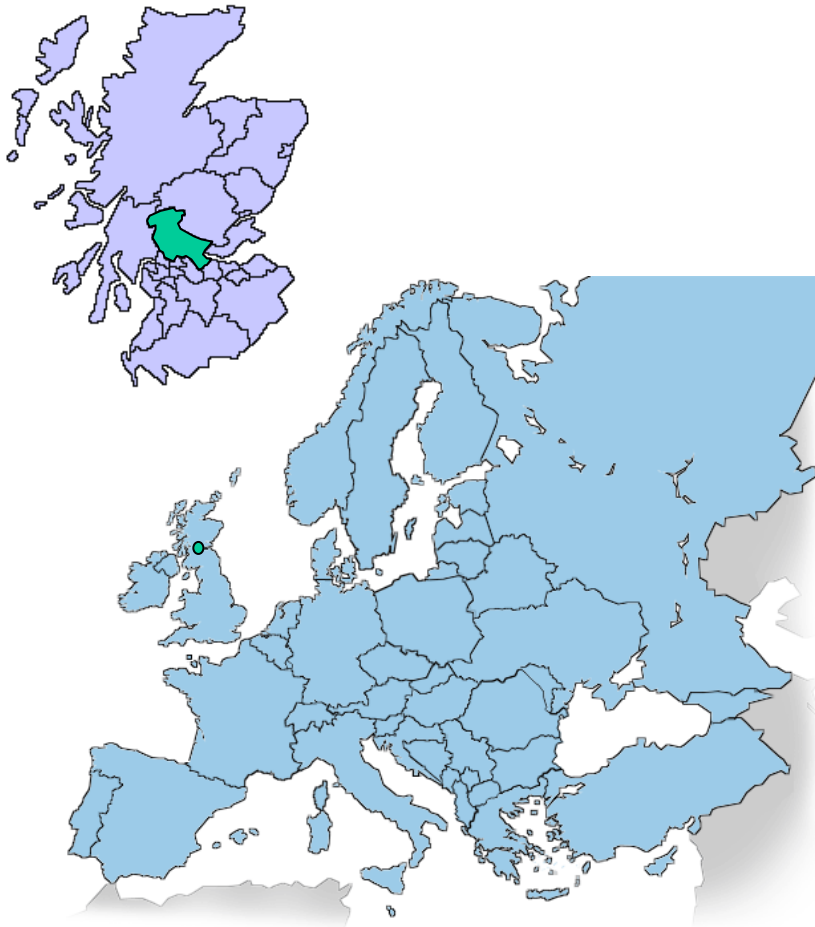
Regional Shared Data Infrastructure

Alan Moore

Chief Executive

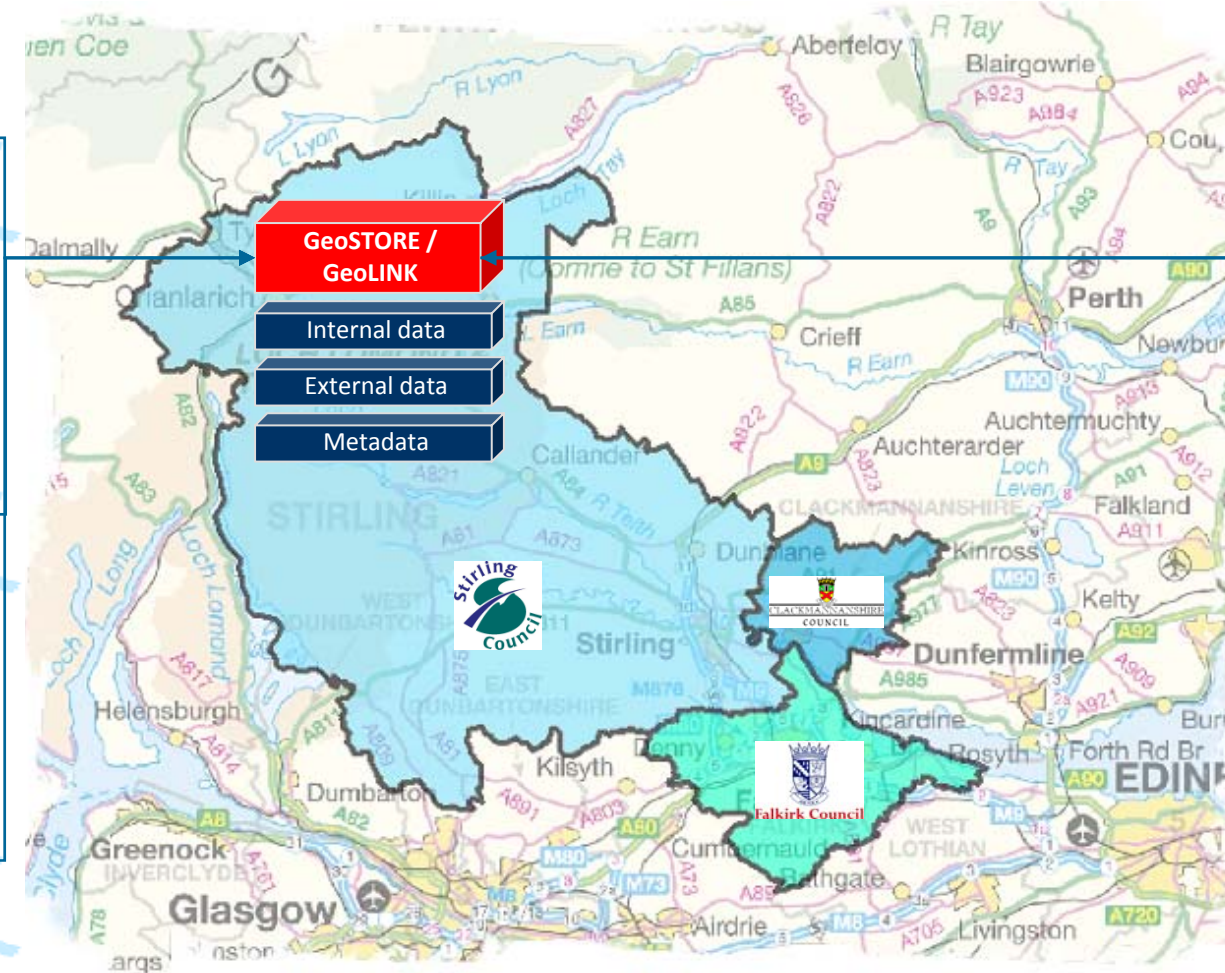


Who are we?



- A local government shared services GIS company
- Based in Central Scotland
- Founding shareholders are 3 local authorities
- Population of c.270k
- Primarily a government to government SDI provider
- Provide end to end services and solutions

Infrastructure



Business Driven Development

- Infrastructure engineering driven by business needs, harnessing technological advances
- Wider public policy development
 - Modernising Government, Efficient Government, Shared Services.....
 - Thematic priorities e.g. Community Safety, Regeneration
 - Provides funding opportunities for SDI investment
 - Raises understanding of SDI opportunities
- Tensions exist and compromises have to be made
 - Europe, UK, National, regional, local?
 - Partnership, organisation?
 - Customer, community, business?
 - Public, private?
- Increasing user expectations and greater government demands for efficiency and shared services



Sustainability

1993-96	1996-2000	2001-2007	2007-now
In-house service	Tri-Council group	Tri-Council group	LA Company
1 SDI	3 SDI's	1 shared SDI	1 shared SDI
3-6 staff	6-12 staff	12-18 staff	28 staff
25 users	100 users	300 users	2000+ users
50 datasets	150 datasets	400 datasets	1000 datasets
	8 customers	20 customers	50+ customers

- 4th generation of technologies now deployed

Business Objectives

- To provide a shared SDI, that :
 - ✓ Is built on a sustainable, co-operative business model
 - ✓ Services individual and multi-agency partnership needs
 - ✓ Provides economies of scale in sharing infrastructure costs
 - ✓ Enables data to be collected once and shared many times
 - ✓ Optimises access and exploitation of reliable data and services
 - ✓ Supports delivery of value-added business applications
 - ✓ Promotes multi-agency information sharing
 - ✓ Exploits the use of new technologies and open standards
 - ✓ Provides a coherent suite of managed services to support users
 - ✓ Combines resources, skills and expertise
 - ✓ Promotes knowledge sharing across the “community of practice”
 - ✓ Enables the realisation of shared business benefits and the achievement of outcomes

Business Model

- SDI “centre of excellence”
- Local authority company limited by shares
- Separate legal entity and corporate governance arrangements
- Direct employment of 28 staff, increased retention and improved motivation
- Provides long term sustainability – for the business and for staff
- Scalable model to attract wider shareholding interest from the public sector and employees
- Reduces exposure to budget cuts and savings
- Enhanced commercial opportunities



Shared SDI Services

- Multi-agency partners directly benefit from shared infrastructure services
 - Local Government, Health, Police, Fire & Rescue,
 - Regeneration, Property Taxation
 - Commercial and Voluntary sector partners
- Formal service management framework
- Economies of scale
- SDI knowledge, skills and experience shared with partners and network of customers across Scotland
- Components of the infrastructure redeployed and integrated in a wide range of customer sites



Customers

Local Government Customers

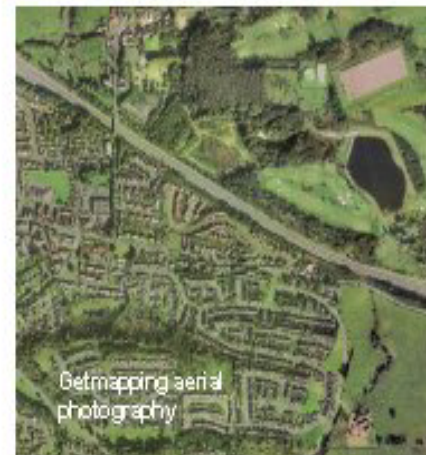


Other customers

- Active Stirling
- Boundary Commission for Scotland
- Central Scotland Fire and Rescue Services
- Central Scotland Police
- Central Scotland Valuation Joint Board
- Clackmannanshire Alliance
- ECOS Countryside Services
- EQUIP
- Essex County Council
- Falkirk Community Planning Partnership
- Forth Valley Substance Action Team
- Glasgow Community Planning Ltd
- Loch Lomond & Trossachs National Park
- NHS Forth Valley
- NHS Tayside
- Raploch Urban Regeneration Company
- Scottish Enterprise
- Scottish Enterprise Forth Valley
- Scottish Funding Council
- The Improvement Service
- Scottish Woodlands Ltd
- SEPA
- Stirling Community Planning Partnership
- Tayside Valuation Joint Board
- The Deer Commission for Scotland
- The Scottish Government
- Scottish Natural Heritage

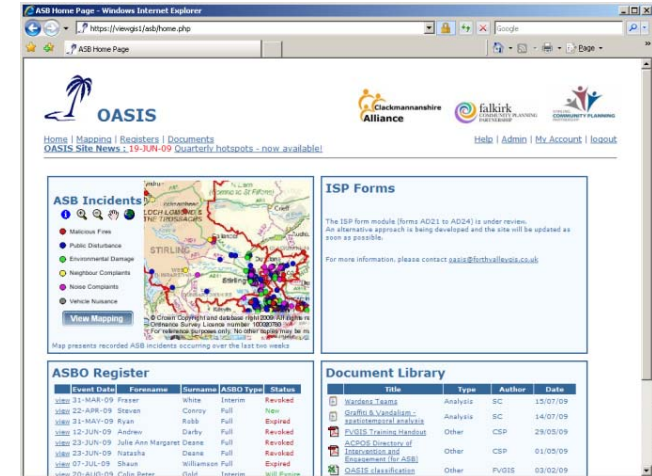
Data Management

- Robust, standards-compliant metadata catalogue
 - Organisation/user access control
- c.1,000 SDI layers
- Standards-compliant gazetteers
- WMS and WFS integration with business applications and websites
- Data management plans
- Data custodianship model
- Online contract management
- Data management training courses
- Collaborative data procurement



Business Applications - OASIS

- Multi-agency Anti Social Behaviour Information Sharing project
- 3 Community Planning Partnerships
- SDI-based information sharing hub
- Register of legal interventions
- Online mapping of ASB events and incidents
- Access to range of contextual business data
- Online Information Sharing Protocol forms
- Over 500 users



ASB Incidents

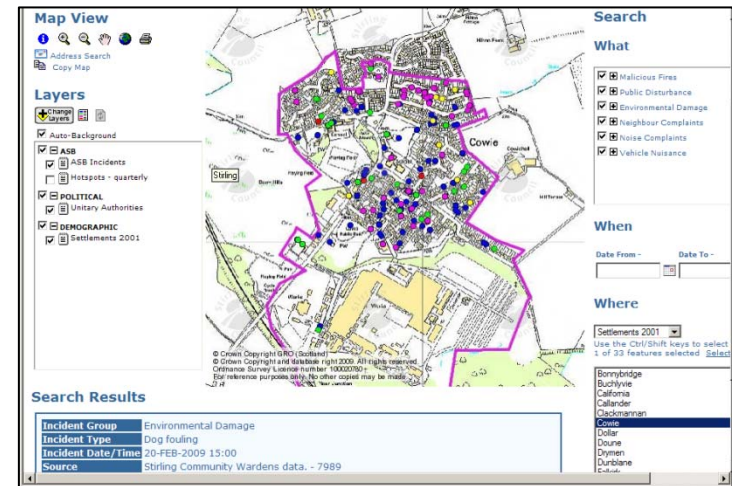
- Malicious Fires
- Public Disturbance
- Environmental Damage
- Neighbour Complaints
- Noise Complaints
- Vehicle Nuisance

ASBO Register

Event Date	Forename	Surname	ASBO Type	Status
31-MAR-09	Fraser	White	Interim	Revised
22-JUN-09	Stevan	Conroy	Full	Not
21-MAY-09	Ryan	Robby	Full	Expired
12-JUN-09	Andrew	Diery	Full	Revised
23-JUN-09	Julie Ann Margaret	Deane	Full	Revised
23-JUN-09	Natalia	Deane	Full	Revised
07-JUL-09	Sham	Williamson	Full	Expired
20-APR-09	Colin Bruce	Gault	Township	Still Pending

Document Library

Title	Type	Author	Date
Wardens_Teams	Analysis	SC	15/07/09
Stirling & Vauldoun - neighbourhood analysis	Analysis	SC	14/07/09
PV016 Training standard	Other	CSP	28/05/09
ASBO Database of Interventions and Management for ASBO	Other	CSP	01/05/09
OASIS User Settings	Other	PV016	03/02/09



Map View

Address Search
Copy Map

Layers

- Auto-Background
- ASB
- ASB Incidents
- Hotspots - quarterly
- POLITICAL
- Unitary Authorities
- DEMOGRAPHIC
- Settlements 2001

Search Results

Incident Group	Environmental Damage
Incident Type	Dog fouling
Incident Date/Time	20-FEB-2009 15:00
Source	Stirling Community Wardens data. - 7989

Search

What

- Malicious Fires
- Public Disturbance
- Environmental Damage
- Neighbour Complaints
- Noise Complaints
- Vehicle Nuisance

When

Date From: Date To:

Where

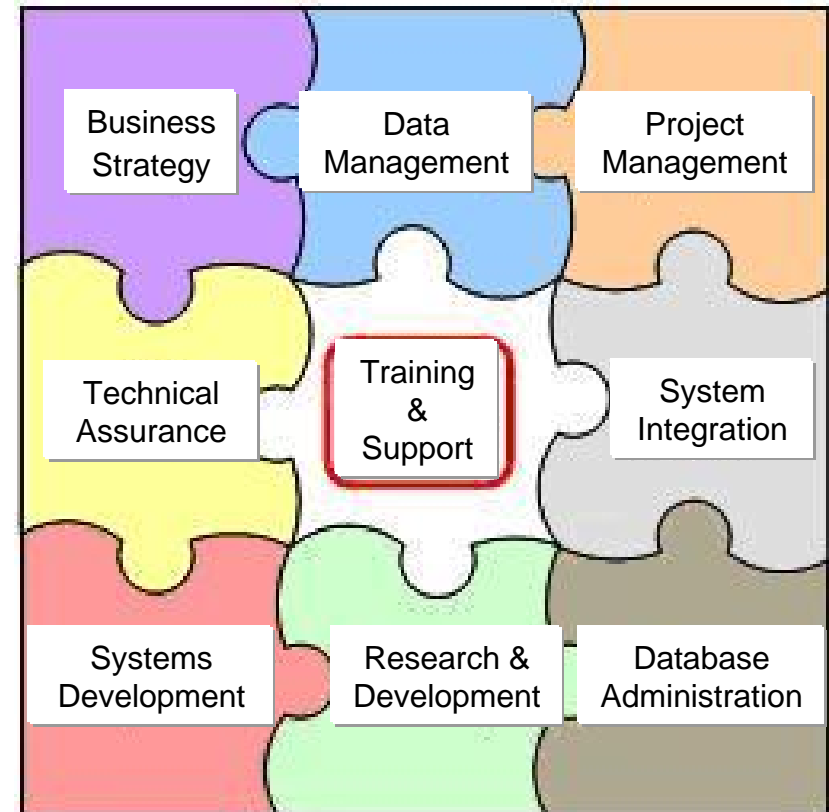
Settlements 2001

Use the Ctrl/Shift keys to select 1 of 28 features selected. [Full List](#)

- Bromleybridge
- Buchlyvie
- California
- Callender
- Clackmannan
- Cowie
- Dollar
- Doon
- Drymen
- Durbane
- Edin

Service Management

- Effective leadership
- Strong operations management
- Right people, right skills mix
- Comprehensive range of managed services
- ISO9001:2008 quality certification for business and service management



Critical Success Factors

- Business
 - Alignment with public policy objectives
 - Robust business model, governance and service management framework
 - Business-driven investment
 - Sustainable growth and capacity building
 - Strong ethos of partnership working and trust
 - Expert domain knowledge coupled with expert technical knowledge
 - Strong focus on data management
 - Sharing services, solutions, knowledge and best practice
 - Focus on realisable benefits and added value
- Technical
 - Scalable, standards-based infrastructure
 - Service-oriented approach
 - Interoperability
 - Best of breed technology components
 - Managed approach to new technology
- Organisational and technical interoperability is the key



Thank you