





What does the future hold ?

• Societies

- Increased mobility and also transience
- Constantly changing and evolving

• Users

- More demanding
- Require immediate responses
- Require customised information

Technology

- Convergence of technologies
 - miniaturisation
 - intelligence in device/network
 - increased bandwidth & processing power distributed via GRID computing

Automation

Significantly increasing















- · Ordnance Survey is 218 years old
- Civilian organisation since 1983; 1415 staff
- Independent Government Department and Executive Agency reporting directly to a Government Minister
- Trading Fund since April 1999
- Annual Report for 2007/08: operating turnover of £118.2m (\$177.6m)
- Less than 50% of our trading revenue is sourced from the public sector
- Headquarters in Southampton with 28 field offices around Great Britain









Ordnance Survey today

- Creates and maintains the 'master map' of Great Britain from which others derive benefit
- Manages complete national large scale digital data down to building level detail
- Maintains a database of 460 million features with approximately 5,000 changes made daily
- In 2007/08, 99.9% of real world features were represented in the database within six months of completion on the ground
- From the database, Ordnance Survey produces a range of digital data and paper maps for business, leisure, educational and administrative use

Provides the underpinning geographic framework for Great Britain











































OS Net underpinning the construction of London 2012 • Ordnance Survey has upgraded the OS Net network around the Olympic Park and across the Thames Gateway region Ordnance Survey has been ٠ acting as consultants to the ODA on grid coordinate system definitions and the fitting of Olympic Grid to National Grid All developer contractors and • subcontractors will be able to access very high accuracy GPS positioning via OS Net, leading to higher accuracy and positional uniformity across the site





The end result

- Highways Agency studies have shown that, on average, roads are opened 40 minutes quicker
- "The Highways Agency is really demonstrating how it is committed to working with the police across the country, in a bid to make the roads safer for drivers, as well as making journey times more reliable. This is a sound investment in new technology that can really make a difference for everyone involved."

Tom Harris, Roads Minister.



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Northumbrian Water Limited – investing in GI

The return on investment is real and demonstrable and includes:

- Additional income alone of well over £1m (\$1.5m) through improved management of empty properties.
- A sustainable cut of at least £60,000 (\$90,000) in operating costs through the call centre solve-atsource principle.
- Significant savings in time and cost in the provision of timely and accurate asset information to field technicians.



lan Donald, Customer Services Director concludes: 'From the customers' point of view and from the business point of view, GIS has been of great benefit and our investment has been well worth it'.





Birmingham Health and Well-being partnership

- Identifying patient spread
 - OS MasterMap Address Layer 2 is used with multiple occupancy information
 - The Trust can quickly identify addresses where there is no record of a registered patient
- Reaching the unregistered
 - Targeted mail shots encourage people to register with a GP
- Maximising the benefits
 - An increase in patient registrations in areas identified as having low registrations
 - Improved patient address list will support future health campaigns and surveys





- Daventry generated new waste collection routes in all seven districts using OS MasterMap Integrated Transport Layer with Route Restriction Information
- Daventry has been able to rationalise the number of domestic waste collection route from nine to eight, reducing diesel costs by 12%, increasing spare capacity by 14% and eliminating overtime costs.





[•]OS MasterMap ITN Layer and Road Routing Information has made it possible for us to meet our challenges of increasing efficiency, planning for growth and reducing landfill. In Daventry alone we are on target to achieve savings of around £100 000 per year, with much greater savings expected for the whole county.' Jo Gilford Corporate Manager for Public Space Daventry District Council

















1 Organisation	Building Numbe	Sub building	Building Name	Thoroughfare	PostCode
7 THE SOFA FACTORY	Danang_ranbe	ban _banang	Dunung_rune	LYME STREET	560 1EH
MOTORCISE	32			BRIDGEGATE	S60 1PO
5 SCOMAGGLTD			SCOMAGG HOUSE	DODDS CLOSE	S60 1BX
SHOPACHECK FINANCIAL SERVICES LTC	1	-	LINIT 6	RAWMARSH ROAD	S60 1BU
7 KLICK PHOTOPOINT	41			BRIDGEGATE	560 1PL
W GORDON & SONS TRAVEL	9			CORPORATION STREET	S60 1NP
AMCO				LINCOLN STREET	S60 1RP
1 K B ERENCH POLISHING			UNIT 7	LINCOLN STREET	S60 1RP
1 THE RHINOCEROS		-	35-37	BRIDGEGATE	S60 1PL
2 P.D.R.ELECTRICAL ENGINEERING LTD			UNIT 4	MASBROUGH STREET	S60 1EW
3 MORTGAGE BUREAU	3			THE POINT	S60 1BP
5 FACIA MANIA	77		MILTON HOUSE	SHEFFIELD ROAD	S60 1DA
6 SPRINT ENVELOPES LTD		UNIT B1-B2	THE BUSINESS CENTRE	BOW BRIDGE CLOSE	S60 1BY
8 SORTEC SOFTWARE DEVELOPMENT		UNIT 12	ASHTENNE CENTRE	BOW BRIDGE CLOSE	S60 1BY
9 LILLEKER ENGINEERING CO LTD			UNIT B3	LINCOLN STREET	S60 1RP
0 MARRIOTT TRAVEL			09-Oct	OLD TOWN HALL	S60 1QX
1 D V HOWELLS		UNIT 35	THE BUSINESS CENTRE	BOW BRIDGE CLOSE	S60 1BY
2 NEWBURG ENGINEERING			UNIT 10	BESSEMER WAY	S60 1FB
3 ROSEHILL PRESS LTD				BRADMARSH WAY	S60 1BW
4 MOWLEM			SWANAGE COURT	DODDS CLOSE	S60 1BX
5 QUAY PLASTICS			UNIT 3D	HOPE STREET	S60 1LH
6 INDUSTRIAL PUMPS			UNIT 3E	HOPE STREET	S60 1LH
7 CRAWFORDS		UNIT D7	THE BUSINESS CENTRE	BOW BRIDGE CLOSE	S60 1BY
0 SUNQUEST			18A	BRIDGEGATE	S60 1PQ
1 T H S TOOLS GROUP			SALISBURY HOUSE UNIT	BESSEMER WAY	S60 1FB
2 GOVERNMENT SURPLUS CLOTHING	104			WESTGATE	S60 1BD
3 BET FRED			18-20	BRIDGEGATE	S60 1PO





























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Place Matters: the Location Strategy for the United Kingdom

- 28. To ensure that the UK exploits the full value of its information the Location Strategy requires a programme of strategic actions which ensure that:
 - 1. we know what data we have, and avoid duplicating it;
 - 2. we use common reference data so we know we are talking about the same places;
 - we can share location-related information easily through a common infrastructure of standards, technology and business relationships;
 - we have the appropriate skills, both among geographic professionals and among other professional groups who use location information or support its use;
 - 5. we have strong leadership and governance to drive through change including the implementation of this Strategy and the implementation of INSPIRE.

