



LOCATION-THE VITAL COMPONENT!





















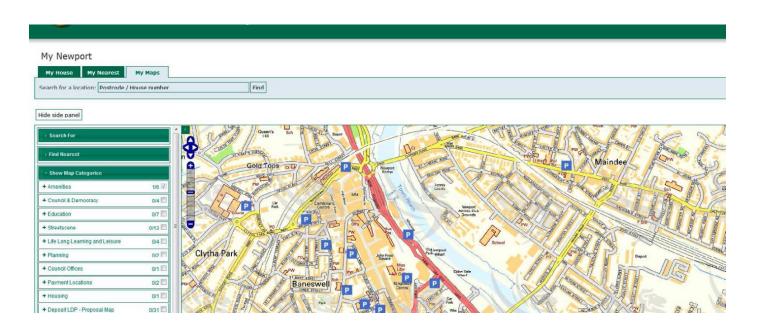






EGOVERNMENT - NEWPORT MUNICIPALITY ONLINE SERVICES

Prime data is Addressbase, able to identify every unique property and bring together various different Municipality databases
Tailored Marketing of Municipality Services
Increase Online Transactions making saving of OMR 70,000 a year

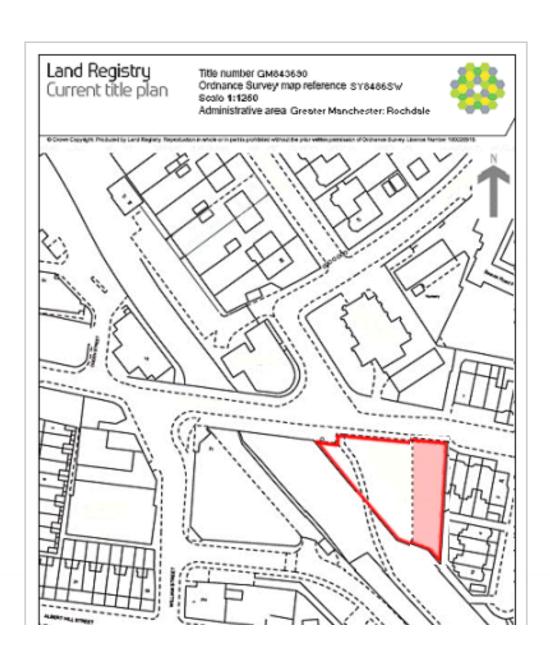




Society of Information Technology Management: £8.80 to facilitate every face-to-face transaction, £2.90 per telephone transaction, and 15p per online transaction.

LAND REGISTRATION

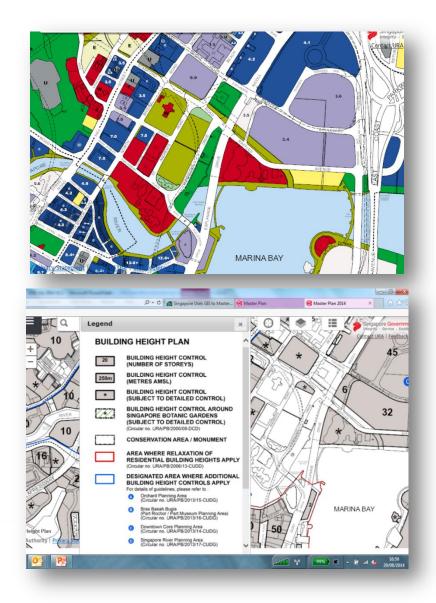
The title plan is based on the Ordnance Survey map and is part of the legal title





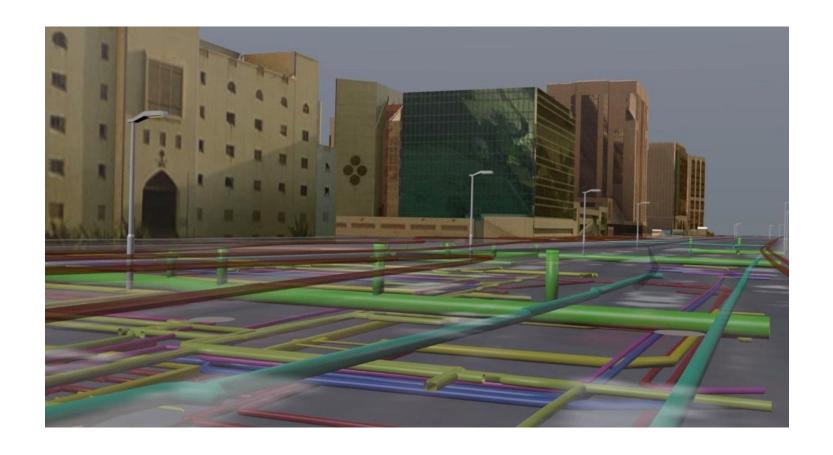
SINGAPORE URBAN PLANNING

Singapore's Urban
 Redevelopment Authority (URA) is challenged with finding smart planning solutions so there will always be space for the needs of the island





INFRASTRUCTURE PLANNING FOR TOMORROW...



... should be based on an accurate picture of today



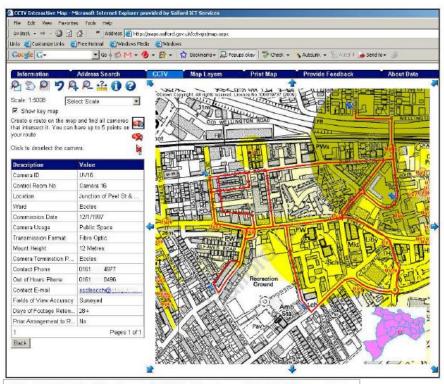
MORE PEOPLE, LESS LAND



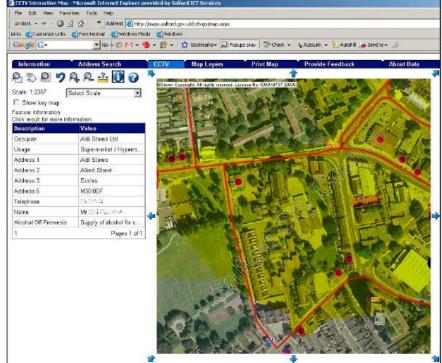


ORDNANCE SURVEY PIONEERS SMARTER SURVEILLANCE FOR SMARTER CITIES





1:10 000 Scale Black and White Raster with CCTV coverage.



OS MasterMap® Imagery Layer with CCTV coverage.



UTILITY EFFICIENCIES: LINKING CUSTOMER RECORDS, ASSETS AND BILLING

What the asset department believes it supplies (red and green) What the billing department believes they are billing (green)... Leaving those in red that are not paying for their utilities...





STRATEGIC PLANNING - ESTATE RATIONALISATION

 The Department for Business, Innovation and Skills' (BIS) Estates Transition Programme aims to drop from 200 to 70 premises

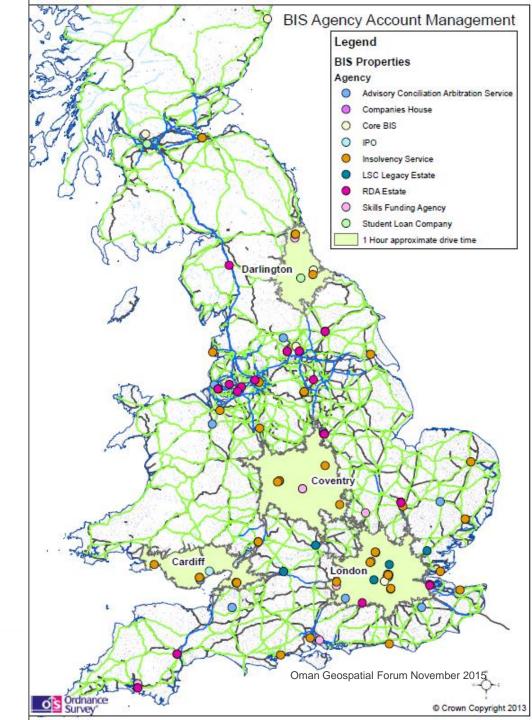


- Using Ordnance Survey data, BIS can:
 - Understand the geographical footprint of its existing 5 million m2 estate.
 - Identify and rationalise high concentration areas, releasing 2 million m2 of space.
 - Prioritise the location of frontline public facing services.
 - Ensure offices remain accessible to staff.
- Save OMR400 million in annual costs.



BIS AGENCY ACCOUNT MANAGEMENT DEPARTMENT LOCATION ANALYSIS

Map shows 4 hubs plus 1hr drive time





LOCATION

Where?
What or who?
What do I need to do?
How do I need to do it?
When?



SPATIAL LOCATION- A MEETING POINT FOR DATA?

Place name?

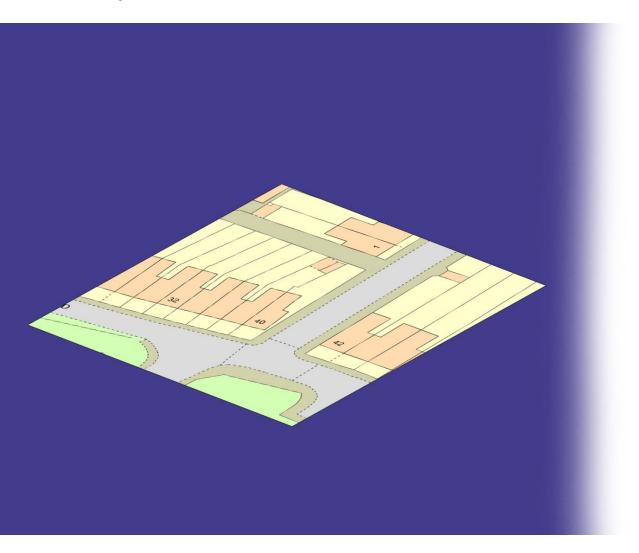
Coordinates (x,y)?

Postal code?

Unique spatial code for every real world object?



UNIQUE SPATIAL CODE FOR EVERY ADDRESS AND STREET

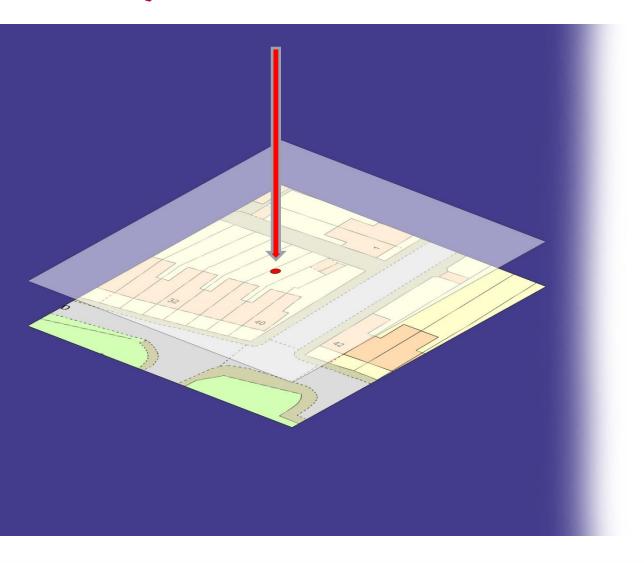


The Unique Property
Reference Number
(UPRN) is an unique
identifier for every
addressable location in
Great Britain

The UPRN is allocated when the address is created



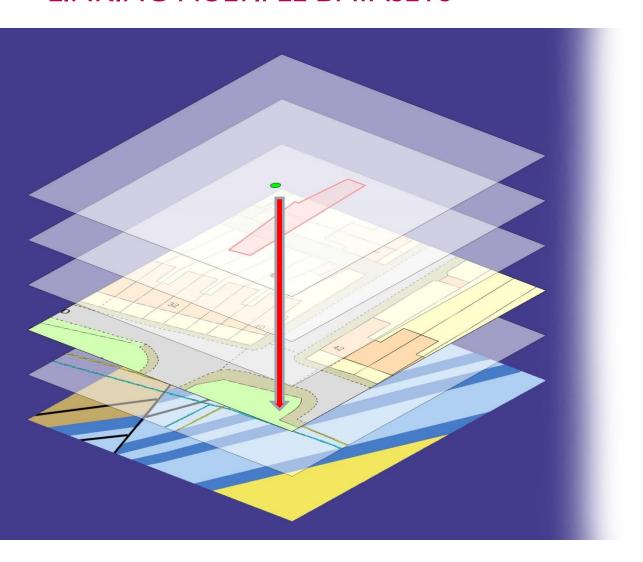
A UNIQUE PROPERTY REFERENCE NUMBER



The UPRN becomes a consistent point to join information from different organisations.

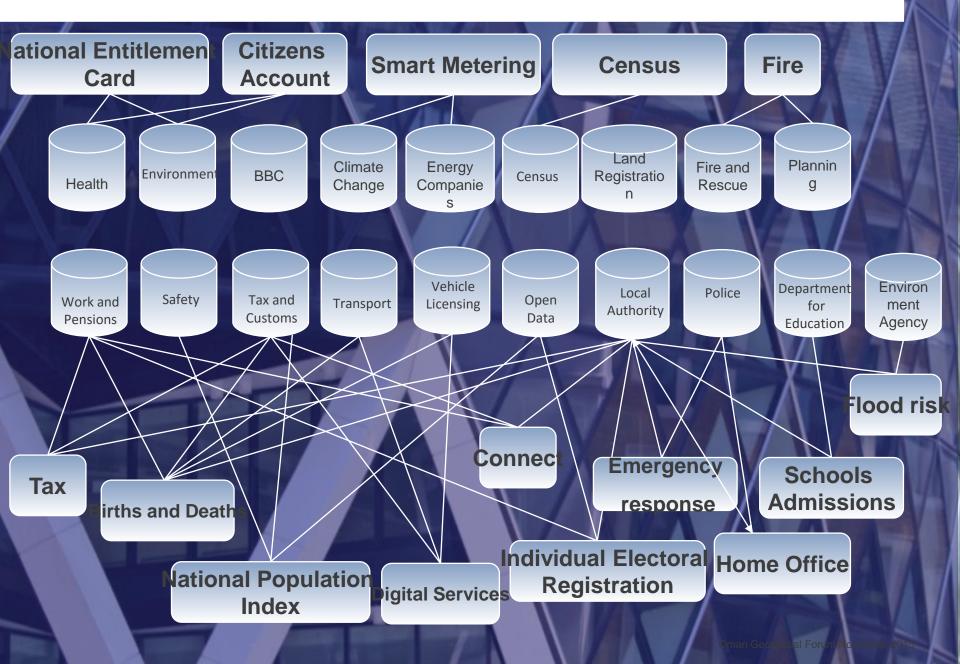


LINKING MULTIPLE DATASETS





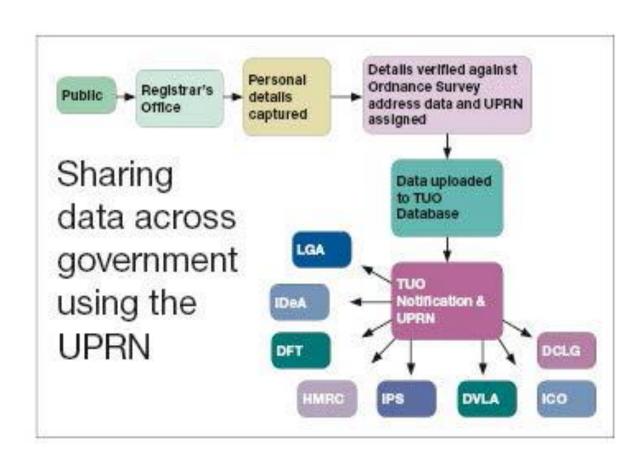
INTEGRATING DATA - UK GOVERNMENT USING THE UPRN



TELL US ONCE- UK DEPARTMENT FOR WORKS AND PENSIONS

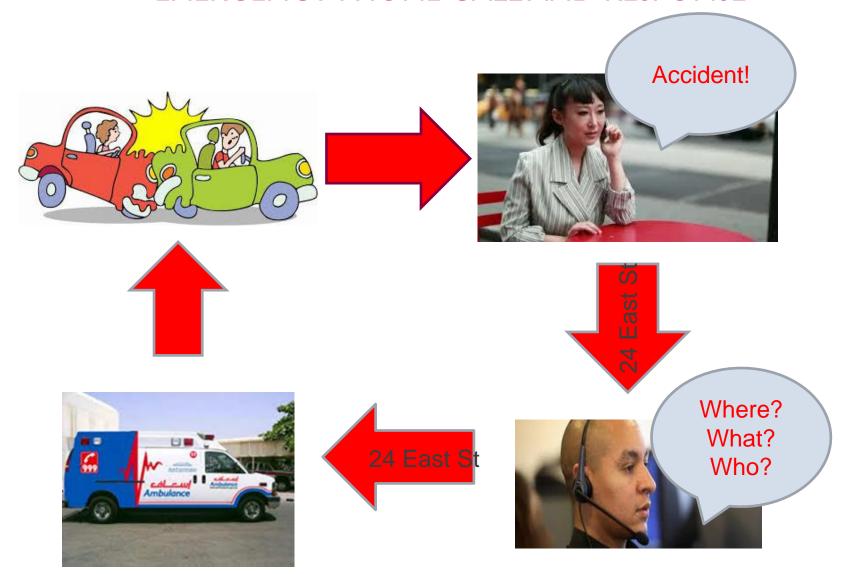
Over 10 years, \$400 million in savings is predicted – based on evidence-based pathfinders and trials.

\$100 million of savings for families over the next 10 years, resulting from the money saved on fuel or parking charges.





EMERGENCY PHONE CALL AND RESPONSE

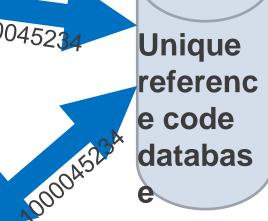




EMERGENCY SERVICES- INCIDENT LOCATION SHARING















24 East St=1000045234



A COORDINATED RESPONSE IN WALES!

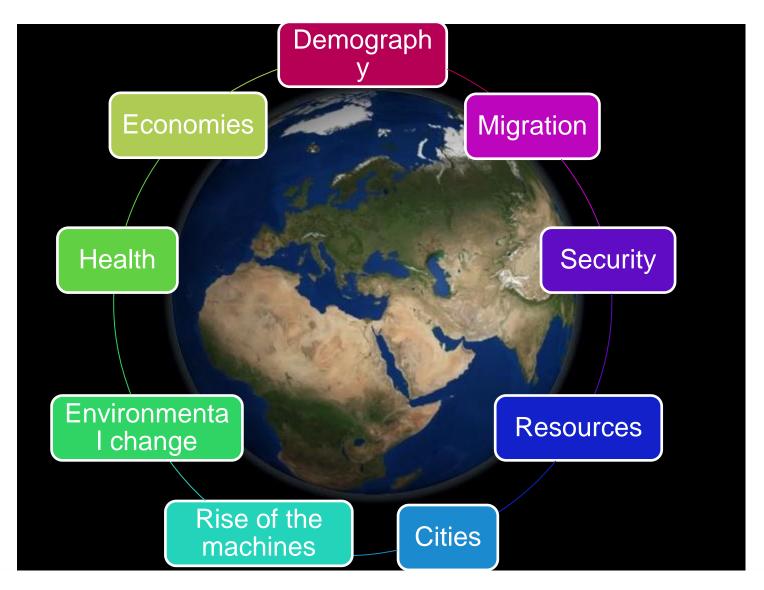


- Saving 18,000 hours
 per annum across
 Police, Fire and
 Ambulance services in
 Wales
- 4 minutes per call reduced to milliseconds of data transfer

 All services turn up at the same location!



RESILIENCE





BUILDING RESILIENCE INTO UNPREDICTABLE EVENTS





THE AUDIENCE FOR RESILIENCE

Security **Emergency** services..loca **Bidding** Hospitality **Transport** services I, national, teams international Investment & Construction Local **Event Suppliers** insurance organisers teams government companies **National** Government 'Operators' Businesses **Electorate** agencies government Health and Infrastructure Social Media Public safety providers services agencies Communities



INTEGRATING DATA - PREDICTING AND RESPONDING TO CRISIS





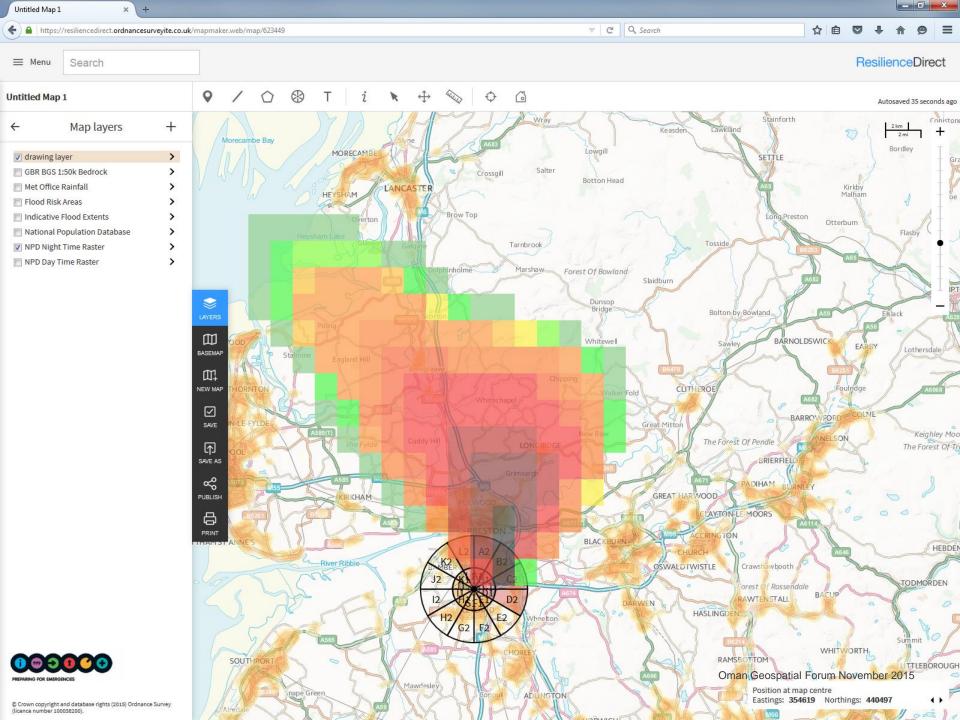
Data from Ordnance Survey, Environment Agency, Meteorological Office and GeoPlace

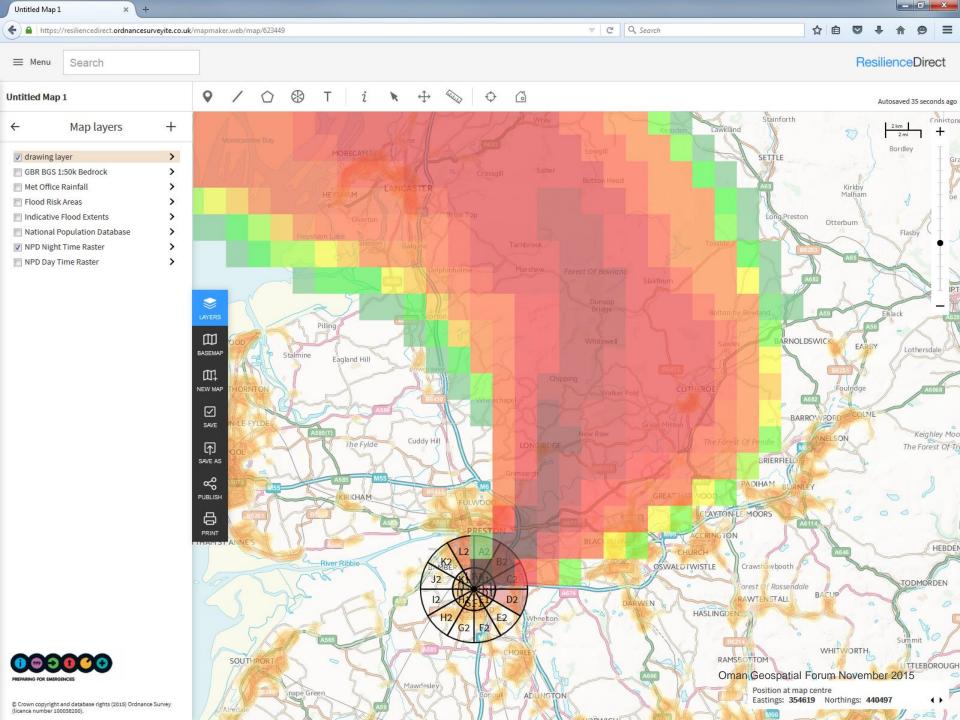


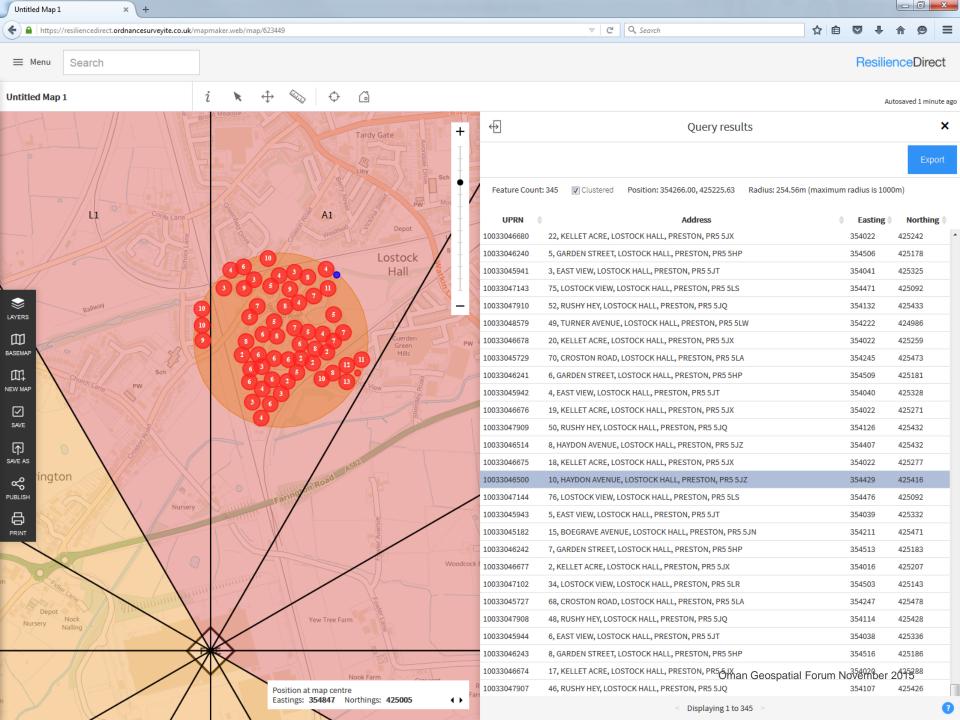


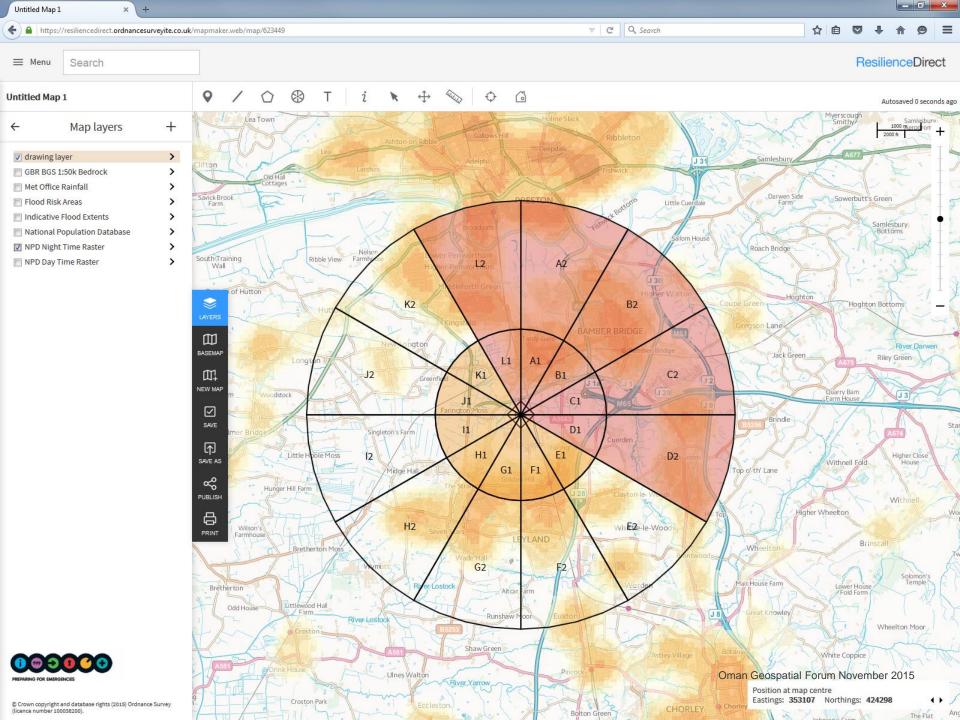


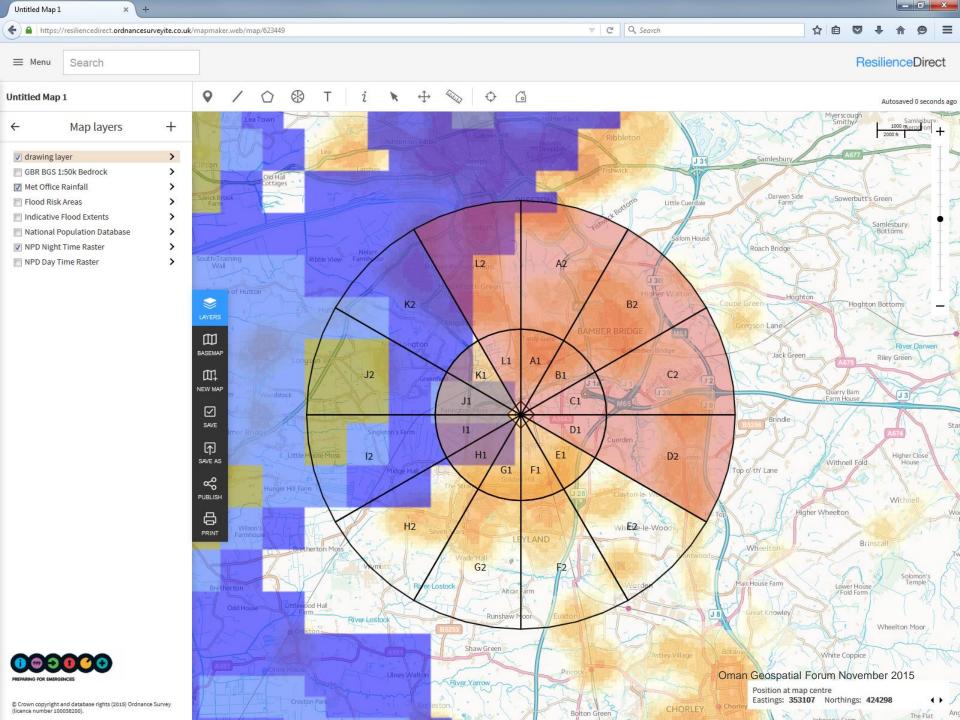




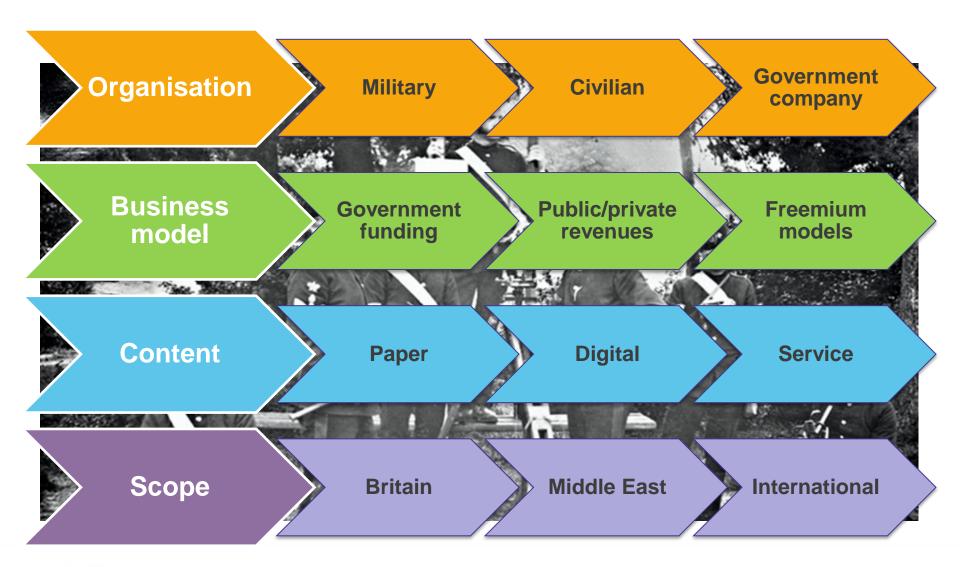








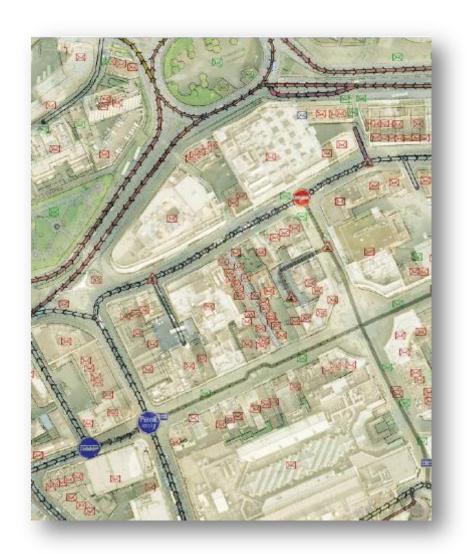
ORDNANCE SURVEY: 220 YEARS OF CHANGE





DATA NOT PAPER

- Topography
- Imagery
- Addresses
- Transport network
- Waterways network





NATIONAL ADDRESSING

Link between address data and location on the ground

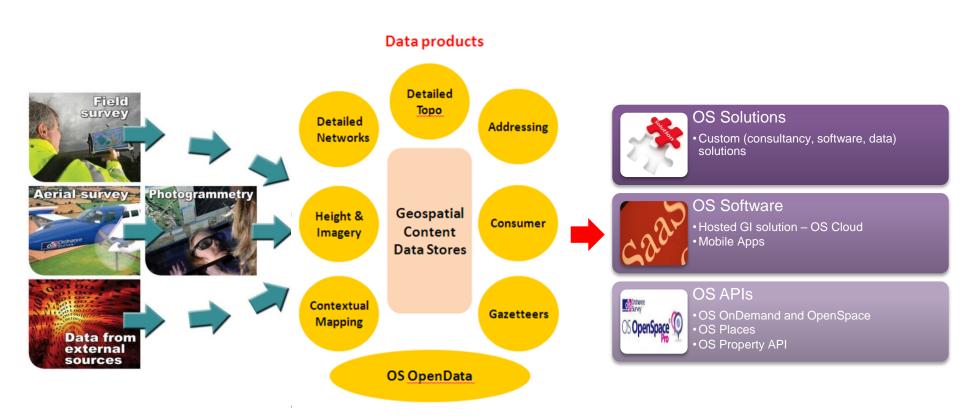
Addressing is essential for effective:

- ✓ governance and commercial administration
- ✓ statistical reporting
- ✓ emergency service response
- ✓ security planning and response
- ✓ goods delivery and transport logistics
- √ traffic navigation
- √ targeting of services
- √ postal services
- √ eGovernment





THE CORE OF A NATIONAL MAPPING AGENCY – MAINTAINING ITS DATABASE



Suppliers, Collaborators, Partners



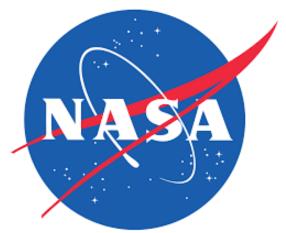
INDUSTRY LEADERSHIP

5th strategic member of OGC Only strategic member outside USA







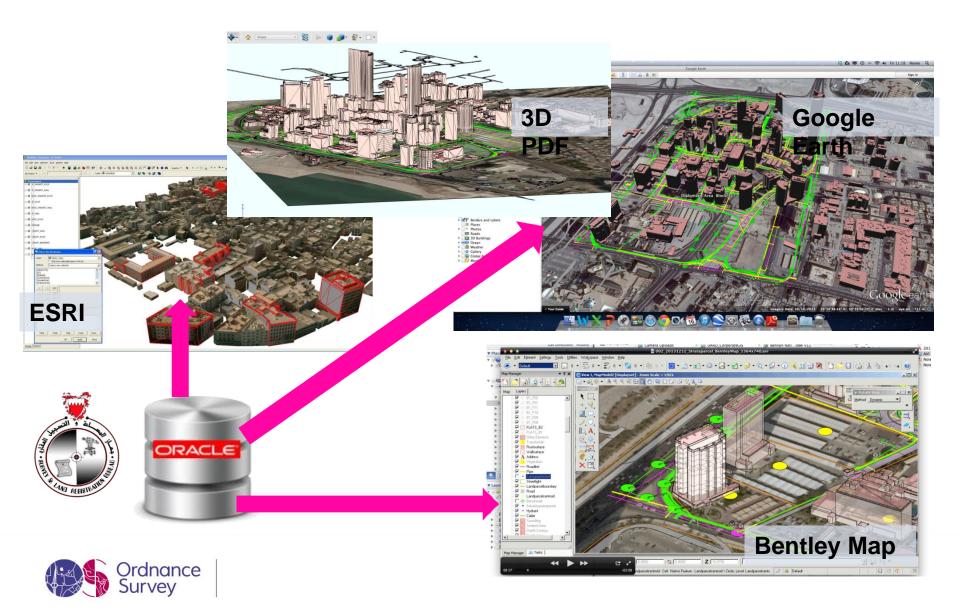








ENABLING THE NATIONAL SPATIAL DATA INFRASTRUCTURE



SMART CITIES, SMART NATIONS

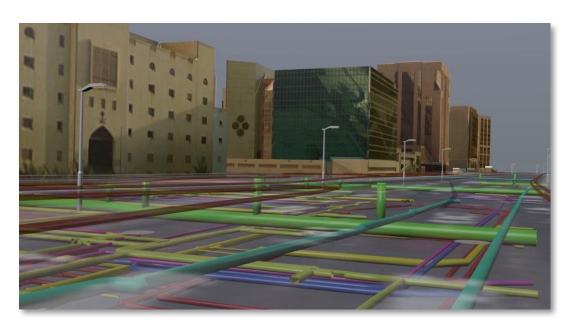
SMART LONDON PLAN



Using the creative power of new technologies to serve London and improve Londoners' lives

Infrastructure, Healthcare, Transportation, Leisure Communication, security







ORDNANCE SURVEY INTERNATIONAL





1. Strategy and policy

2. Technical capacity and capability

3. Organisational efficiency

4. NMCA/CMA lifecycle development



KEY BENEFITS OF A PUBLIC SERVICE SINGLE LOCATION FRAMEWORK



- Easy exchange of information between organisations and users
- Best evidence for informed policy creation and optimised delivery
- Easier interaction with citizens- better public services and experience for citizens – connecting location, government and people
- Cost savings
- Time savings