National Spatial Data:
Unlocking the potential through innovation, automation & efficiency
Our History
- Founded in 1969
- Headquarters in Cambridge, UK with offices in Australia, Ireland, France and Belgium
- 200 staff

Our Business
A specialist solutions and services provider to data providers, government, defence and utilities
Great Expectations

1 spatial

YOUR WORLD SMART
Challenge

Data providers supplying rich, intelligent data
Location Data – Currency & Quality

They DO Matter
Assisting Humans

Erasing Productivity, Power & Performance
National Mapping Agency
Established in 1824

640+ Terabytes
40 Terabytes per annum
Data from 1824 - 2014

HQ Dublin
- Cork
- Sligo
- Galway
- Kilkenny
- Clare
- Longford

DB Technology
- Database 9i, 10g, RAC 11g, 12c
- Spatial & Graph
- WebLogic & BPEL
- Workspace Manager
"...the most significant revision to OSI’s data creation and management practices in over 30 years"

- Next generation national core reference data
- Foundation for National Spatial Data Infrastructure
- Seamless real-world feature data model
- Inter-feature references
Network Features including “Way”, “Water” and “Rail”
Automation played a key role in its creation

- Build real world features through rules and actions
- Classify features and set properties
- Data validation

| Estimated 5 -7yr manual project | Completed in 18 months |
Migrating from tiled cartographic data ....
Migrating from tiled cartographic data ....
to a seamless real-world feature database
A Product Ready National Spatial Database
Business Benefits

Efficiency by Automating

- Do More With Less

Efficiency by Consolidating

- 1 Database

Performance Gains

- 14x Faster
Thank You

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Stand #27