

**Date**

Tuesday 14th July 2009

**Title of session**

Plenary – Mapping: Our role in a turbulent world

**Name of presenter/chair**

Chris Parker, Propositions Portfolio Manager, Ordnance Survey – Chair

Nic Snape, Director Data Providers, 1Spatial - Presenter

**Name of rapporteurs**

Gillian Horner & Jevon Snell

1Spatial is an Enterprise Information Company that has been involved in Digital Mapping for the last 30 years. Many people love maps, but essentially a map shows where things were, not where things are. Updates take too long and there is an increasing demand for dynamic views; we're living in turbulent times, our industry has not responded fast enough to this change. Change is often more effective if it comes from outside. There have been four major external changes in the last 10 years.

- Oracle – location enabled their databases in 1999, allowing spatial data to be used alongside other business information.
- Google Maps –technology to make location searches easy. Have done more for the industry in 1 month than has been achieved in the previous 30 years. Widened access to high resolution imagery and encouraged mash-ups.
- Personal Navigation Devices – the demand for information 'here and now' puts emphasis on accuracy content and currency.
- National Mapping Agencies business process – these changes have had a big impact on business processes. More demand for digital products; need to update paper products faster; demand for real time/personal/change only update (COU) delivery.

To support the management of our turbulent world data needs to be fit for purpose, transactional (COU) and trusted. 1Spatial believes that this requires Enterprise Information Architecture rather than Geographical Information Systems (GIS) and that they have a unique approach.

5 pieces of technology provided by 1Spatial:

1. Scalable and Secure environment
2. Work Flow technology
3. Object Orientated Technology
4. Rules Language and Programming Interface
5. Visualisation and Editing Components

1Spatial is working with partners Intergraph and Snowflake to implement an Enterprise information system for Ordnance Survey. This transaction based system will ensure that product delivery is driven by Real World Change.

1Spatial provides a tried and tested solution for INSPIRE (Infrastructure for Spatial Information in Europe) and are working in Australia to implement supply chain technology that ensures that data collected locally meets data quality standards to produce a National Product.

Questions/Comments	Answers