The role of geospatial technology in defence and security

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Security and Land administration are the leading justification for national geospatial capabilities.
What is geospatial doing for Border Security?

- Sensor Planning
- Change Detection
- Contingency Planning
- Command and Control
- Responding
Internal security – responding to the ‘threat within’
Resilience – a common understanding using location
National addressing contributes to security

• It is the link between databases
• Addressing is essential for effective:
  ✓ intelligence
  ✓ security planning and response
  ✓ logistics
  ✓ Navigation
• Think Cities and 3D
Not just data and systems but experienced people

- Security organisations use GIS and OS embeds people into government decision making
- Army Engineers embed specialist GIS experts into all operational units
A question of security?

The enemy uses satellite imagery, Google Earth, GIS and social media to plan.

UK Policy: See it, map it. Defence and security can protect value added data.

National Security stronger if trusted, maintained geospatial information is shared across the whole of government – common understanding.
Good government and a growing economy helps national security

Effective government  Economic growth  Efficiency gains

Enabled citizens  National infrastructures  Protection of assets/resources

The same trusted, maintained geospatial information enables this.
The importance of geographic support in warfighting is one of the 5 key lessons identified by this brigade.

Geospatial data and analysis supports decisions across National Security, from Section Commander to the Commander-in-Chief: Policy, people, data, standards and technology.

Same fundamental geospatial data for all aspects of a government’s work provides common understanding for national security.

Better government and economic development is aided by the same geospatial data.

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