1Spatial’s Generalisation Product Roadmap
New family of products
Current Generalisation Products

• Radius Clarity
  - Implements AGENT concepts
  - Generalisation SDK, using Java
  - Desktop application

• Radius Studio
  - Rules-based component for processing spatial data
  - Rules and action authored through a Web based user interface
  - Stand alone or SOAP web service for integration within an enterprise architecture
  - Processes deployed on a grid (open source GridGain) to provide linear scalability

• Clarity/Studio integration for Ordnance Survey GB
Drivers for Change

What we have:
Successful implementations (IGNs, AdV, OSGB, GST), but
  • All bespoke solutions
  • Costly & time consuming to develop
  • Difficult to maintain and upgrade

What we want:
A platform that is
  • Easy to use
  • Generic (same for everyone)
  • Integrates with customer data formats and models
  • Easily configurable (different data and products)
  • Extendable (optional, targeted extension)
  • Ready for deployment in production environments
  • Constantly evolving
Next Generalisation Product

• Reuse proven technology
• Focus on usability
• Usable out of the box
• Generic core functionalities (extensions possible)
1 Generalise Concepts

- Establish a single common internal schema
- Map derivation profiles
  Profile: Set of target classes associated with
  - derivation workflows
  - constraints
  - parameter values
- Standard components provided
- Custom components can be made
Generalise: 3 levels of customisation

- Light: tune the parameter values (symbol sizes)
- Medium: change the workflows (by selecting and reorganising the generalisation operators)
- Heavy: write your own processes and call them from workflows
1Generalise: When?

- Currently capturing and defining the requirements for the platform
- Development expected to start September 2013
- Alpha version: first/second quarter of 2014

Opportunity for you to get involved:
- Provide us with requirements
- Provide us with some data samples
- We will test our developments on your data
- We will send you results to gather feedback and improve
Thank you for your attention
Any Questions?