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# 1Spatial's Generalisation Product Roadmap

A stylized city skyline graphic in the background, featuring various building silhouettes in black and grey, with some buildings having a grid pattern. A yellow banner is overlaid at the bottom of the image.

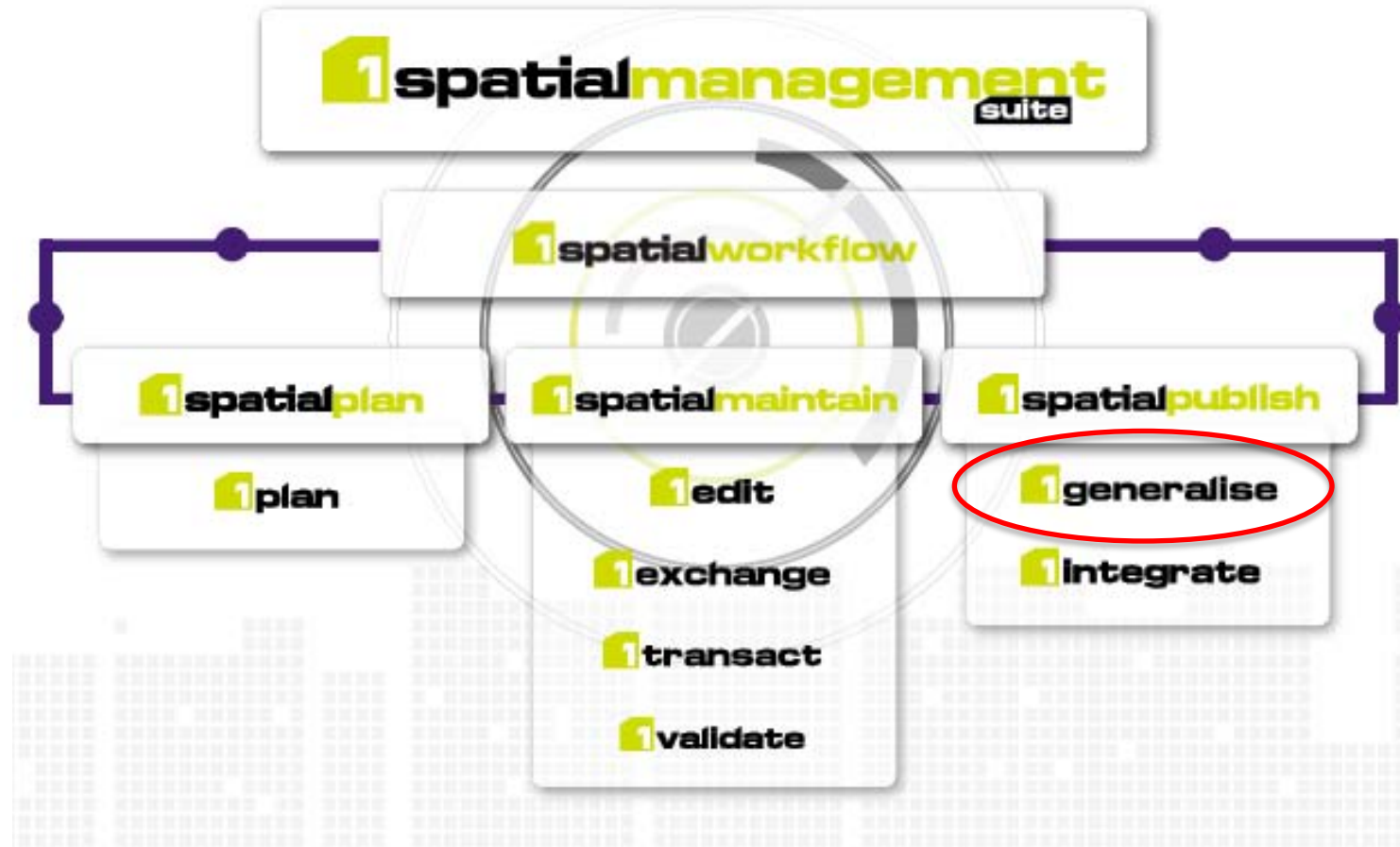
**1Spatial**

The Number 1 Choice for Spatial Big Data

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Generalisation Product Manager

# 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



## generalise

- 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



# 1 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



# 1 Generalise: 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





The background of the slide is a stylized illustration of a city skyline. It features various building silhouettes in black and grey, some with a grid pattern. In the foreground, there is a black silhouette of a bridge or overpass with a railing, and two streetlights. The overall color palette is primarily black, grey, and yellow.

**Thank you for your attention  
Any Questions?**