Data Quality, Maximising Business Value

Jo Shannon, 1Spatial
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Data Quality
Manual Data Validation
Automatic Data Validation
One automatic cog in a larger system
What is “Good” Data Quality?

- ISO defines quality as the “degree to which a set of inherent characteristics fulfils requirements”
When it goes wrong
Rules-based Data Validation
Why Automatic Data Validation?
Real Business Benefits

**Time & Cost Saving**
2 weeks – 10 minutes

**Rules based Processing**
5-7yrs to 18 months

**Efficiency by Automating**
100% Manual – 100% Automatic
over 45 years of innovation and development in Geospatial solutions

Technology partners:
- ORACLE®
- ESRI
- Trimble
- SAFE SOFTWARE
- Snowflake
- Pitney Bowes
- Latitude Geographics

Global offices:
- Cambridge
- Liege
- Sydney
- Cork
- Paris

Industry sectors:
- Military
- Telecommunications
- Natural Resources
- Emergency Services
- Utilities
- Transport
- Mapping authorities and land management
- Government

Reseller partners:
- US
- Algeria
- Canada
- Cameroon
- Netherlands
- Malaysia
- Russia
- Tunisia
- India
- Senegal
- Brazil
- Morocco
- New Caledonia
- Kuwait

Customers:
- Ordnance Survey
- Environment Agency
- United Utilities
- Swedish Maritime Administration
- vodafone
- HIGHWAYS Agency
- NORTHUMBERIAN WATER GROUP
- Tecteo
1Spatial’s Data Processing
• Next generation Radius Studio technology
• Cloud enabled
• Validate data ‘on-line’
- Change driven product component generation
- Integrate Maintenance and Supply systems
- Automatic Correction
• Perform automated model and cartographic generalisation
• Automate creation of small scale data
• Define repeatable rules
Quality - It Matters
Thank you