

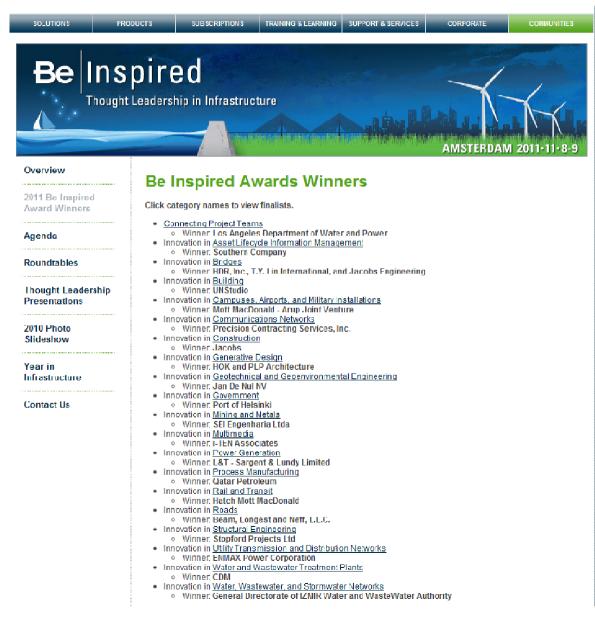


Terrain Modeling with MicroStation and Civil Products at SELECTseries 3

Ian Rosam Product Manager, Bentley Civil 15th November 2011



Be Inspired / A Year in Infrastructure





Commonality ?

Terrain Model



Yet we consider this the provenance of the dirt diggers.... AKA Civil

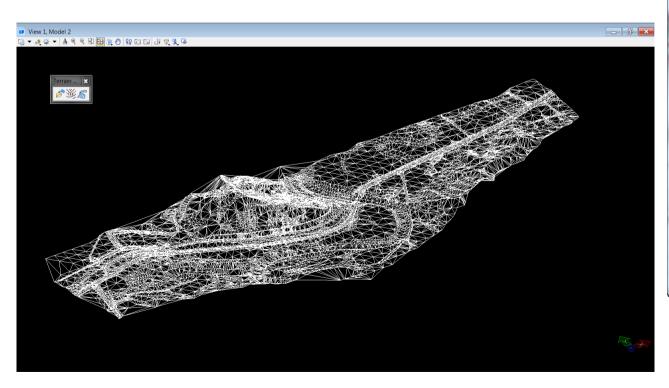


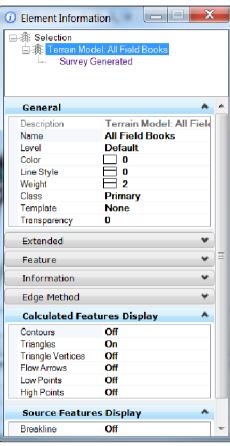


SELECTseries 3

• Microstation gets a new element type !

Terrain Model





Terrain Model - What does this solve ?

- Shared access rather than
 conversion and distribution
- Achieve CAD standards
- Add additional annotation
- Interrogation / Analysis
- Visualisation

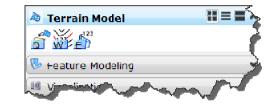
Demo

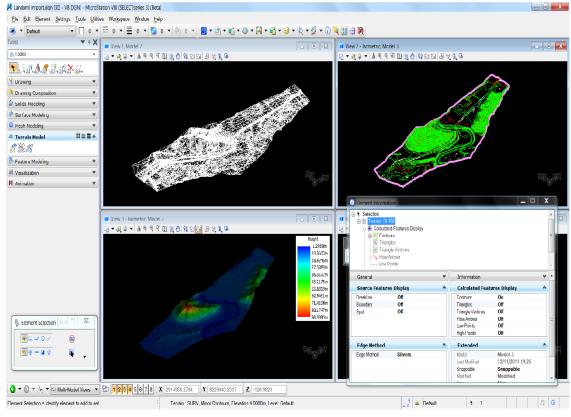
Terrain Modelling

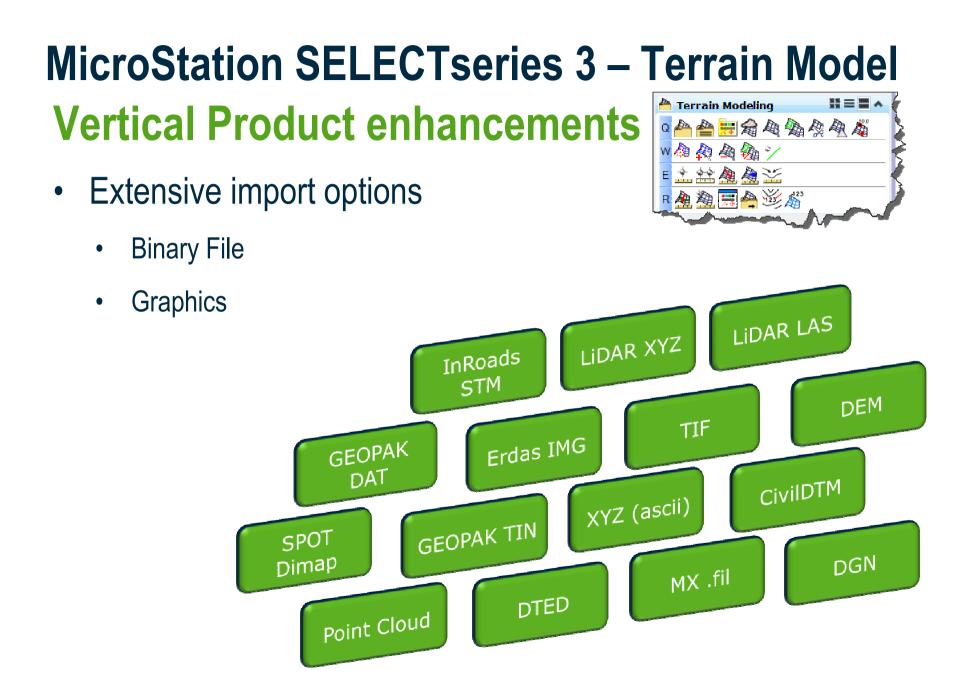
MicroStation SELECTseries 3 – Terrain Model

Summary of tools

- LandXML import
- Terrain Display Themes
- Analysis Tools
- Annotation tools

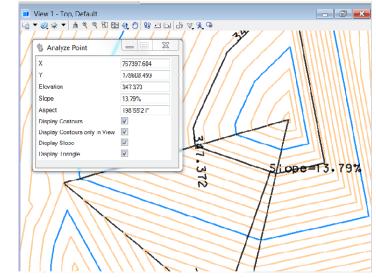






MicroStation SELECTseries – Terrain Model Vertical Product enhancements

- Extended Analysis Tools
 - Volumes
 - Points
 - Trace Slopes
 - Ponds
 - Watershed
- Reporting tools
 - Duplicate Points
 - Crossing Features
- Export
 - Native Civil Products
 - LandXML



🚯 Feature Types 🐨 🔎 Zoom To 📓 In View 🚞 Export				
Intersection Point	Level On Feature 1	Level On Feature 2	Level Difference	Feature Type 1
767881.767, 179802.367	313.464	312.189	1.275	Breakline
767881.869, 179781.059	311.745	313.354	1.609	Breakline
767882.707, 179768.940	311.390	313.878	2.488	Breakline
•	111			

Demo

- Terrain Modelling
- Survey

2011 BE Together

Thank You!

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Are there any questions?