Esri International User Conference | San Diego, CA

Technical Workshops | Thursday 10:40am

Using ArcGIS Map Services in Microstation

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Agenda

- ArcGIS Server
- Image Server Extension
- How workflow can save time and money
- Demonstration
- Conclusions

Esri Map services

Microstation consumes any Map Service

- Must be WMS enabled

Content in Map Service

- Feature Classes
- Raster
- SDE
- Mosaic datasets (Imagery)

Image Services

ArcGIS Imagery Solution

ArcGIS Server and Image Server Extension

- Process images
- Create Image Mosaics
- Create and Publish WMS services

Imagery managed by Desktop

- Metadata
- Create additional Mosaics
- Publish only what needed

ArcGIS as a System

Imagery available to all clients

- ArcGIS desktop
- Web Maps and Apps
- Mobile
- ArcGIS for AutoCAD
- Microstation

Microstation as a client

- consumes WMS natively
- No additional plug-ins
- Reduced workload on IT staff

Microstation Versions

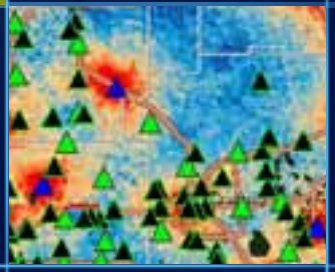
Supported Versions

- First supported in *V8 XM (08.09.03) - Manually*
- V8i (8.11) - Use Raster Manager

WMS

- *Creates a xWMS connection file*
- Supported header formats
  - jpg, png, bmp, and gif

Map Services in Microstation



Technical details

Publish WMS as Version 1.1.1

Best success if you change to PNG for image format

Seed file Units

- **Feet**
- **Meters**

How to blog post

- **http://blogs.esri.com/dev/blogs/arcgisserver/archive/2010/04/26/connecting-to-arcgis-server-from-microstation.aspx**

Conclusion

- Microstation as a client of ArcGIS Server
- Advantages of image Mosaics
- Can save your organization time and money

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