UAS: Confluence of Things Spatial

14 September 2016  Jeffrey M. Young
Agenda for Today

• Thank You
• Exciting times
• Our Value, Standards and Certifications
• Position, Location and Place
• Geographies of responsibilities, interests and observation
• UAS Value Proposition
• UAS User Communities and Sectors Served
• Little Big Data
Jeff Young’s Background

- Born in Scranton, Pennsylvania USA
- A blighted geography---king coal
- Practicing Geographer
  - Scientific Applications
  - AEC
  - Modeling
  - Site Selection
  - Data Quality Concerns
- Now Business Endeavors
- Living in Centennial, Colorado
- Rocky Mountain Region/Data Archiving and Preservation
Exciting times

• Geospatial
• Spatial
• Built Environment
• Borders, Boundaries, and Bounty
• Geographic Imperatives Before Us
• Best of Times
Geographies of ......

- Responsibilities – regulatory and financial
- Interests -- speculative
- Observation – personal interests
UAS Value Proposition

Mandates and initiatives
Current Response
Measures of success
Value – Better, Faster and Cost Sensitive
Technical Response

…..The Quick Eat the Slow
UAS User Communities and Sectors Served

National Government/National Security
Infrastructure
Energy
Regional and Local Government
Emerging Communities
UAS User Communities and Sectors Served

- Municipalities
- Metropolitan Area /County – MSAs, State/ Province
- Region/ Multi-State based on political or physiographic boundaries
- National
- Multi National/Enterprise
- Global
UAS User Communities and Sectors Served

National Government/National Security
UAS User Communities and Sectors Served

Infrastructure
UAS User Communities and Sectors Served

Energy
UAS User Communities and Sectors Served

Regional and Local Government
UAS User Communities and Sectors Served

Emerging Communities such as:

- Heritage & Culture
- Architecture, Construction & Real Estate
- Broadcast & Media
- Business & Financial Services
- Education
- Entertainment

......
Little Big Data

Image Asset Handling Platform

- Compress
- Manage
- Distribute
- Integrate
- Deploy
Image Asset Handling

- Compress
- Manage
- Distribute
- Integrate
- Deploy
GeoExpress 9.5.1

- **LiDAR data into high-quality MrSID and JPG2000**
- Reproject, crop, color balance, compile mosaics using an intuitive set of tools
- Intuitive User Interface (UI)
- Seamlessly Mosaic LiDAR files
- Image Asset Handling Workflows
- Support for .pix raster data
Intuitive User Interface (UI)
Mosaic LiDAR files
Workflows for Image Asset Handling
Express Server

Fast and Simple Image Delivery From Any Device or Connection

OVERVIEW
Get the geospatial data you need, when and where you need it. Express Server uses patented compression technology to reduce storage costs, decrease image load times and handle thousands of Raster and LiDAR data requests without sacrificing quality.

Express Server BENEFITS
Full Featured, All Online.
Install and configure Express Server without ever touching the command line. Whether you’re managing the server or just accessing raster and LiDAR point cloud data remotely, Express Server’s full-featured web tools have you covered. Use the Express Server Manager to create image catalogs, browse files, restart the server and more.

Access Your Data Anywhere
Use any device on any connection to access your raster files and LiDAR point cloud data. Stream and view even massive LiDAR point cloud data files quickly and easily, with no time-consuming downloads. Plus, industry-standard protocols assure compatibility with virtually all GIS applications, so there’s no special training.

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MrSID technology support
360 Video Support
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