

## Session 28

### Theodore Harris

FL. Dept. of Transportation SMO

### *Digital Aerial Photography: Enhancing your projects*

#### **Topic Description**

Introducing the new Digital Mapping Camera (DMC). This presentation will show the DMCs qualities and its benefits in support of the State of Florida, to include: FDOT projects, Emergency Management and other State agencies. This presentation will demonstrate image quality, uses, accuracies, and products that can benefit your projects.

#### **Speaker Biography**

Teddy Harris began his career with Florida Department of Transportation in the Surveying and Mapping Office more than 34 years ago in imaging and mapping products and production. He has been responsible for many aspects of the imaging and mapping business - analyst, research and development, planning, budget, procedures, specifications and management both at an office level and a statewide level. He is presently the Aerial Surveying Manager and a licensed Professional Surveyor and Mapper in the State of Florida.

## Aerial Surveying: Enhancing quality and products



Florida Department of Transportation  
Surveying and Mapping Office  
Teddy Harris, PSM



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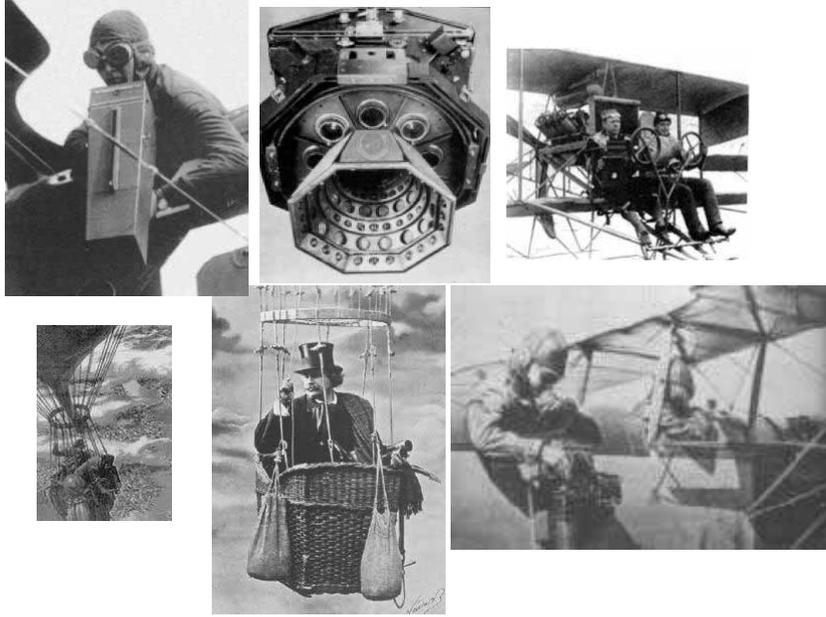
## Digital Deployment at FDOT

### WHY

- Faster Turnaround
- Higher Performance
- Higher Quality and Resolution for any Project
- More Options – B&W, Color and NIR
- Emergency Response.
- ***CUSTOMER DEMAND***

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## Data Acquisition



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## Data Acquisition





## Data Acquisition

- DMC
- GPS Flight Management
- Integrated IMU
- Video Viewfinder
- Six Softcopy Stations
- ISAT
- OrthoPro
- Two roll feed scanner



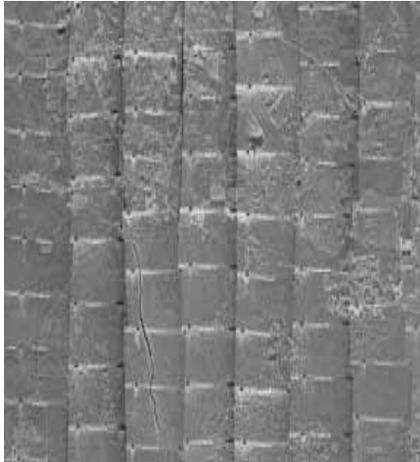


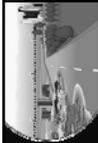
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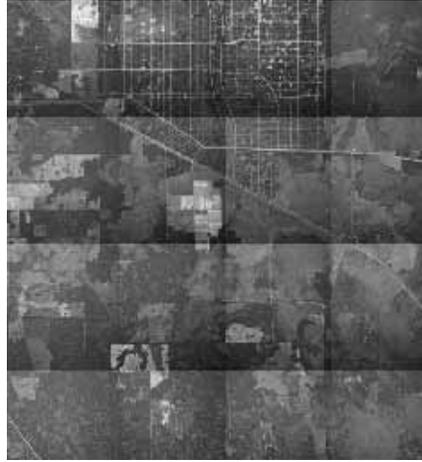
## Products





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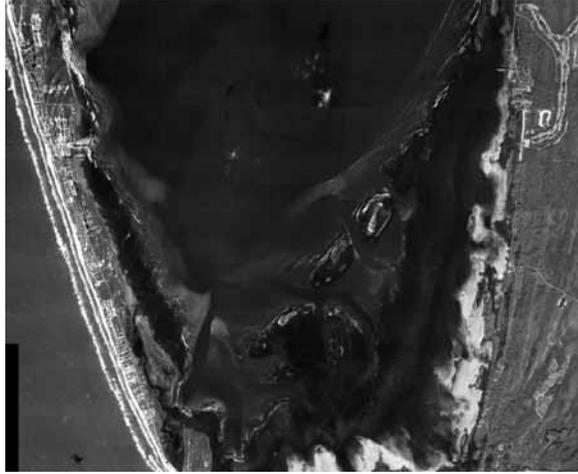
## Products





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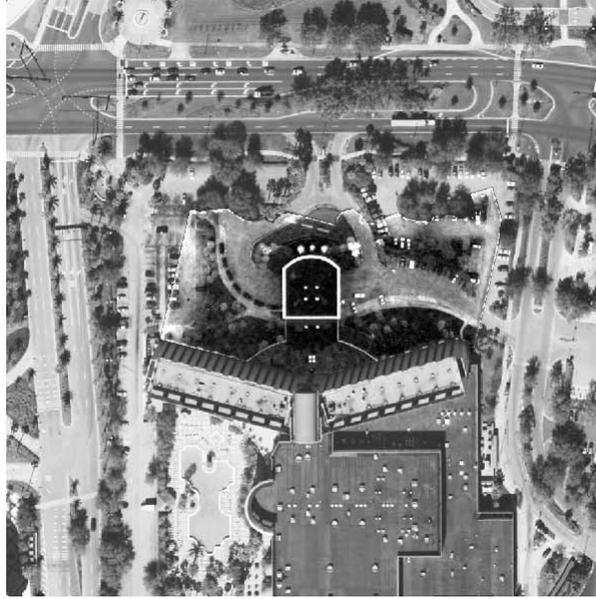


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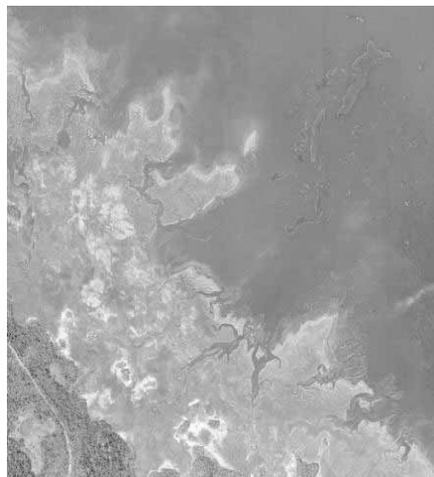
## Products



## Products



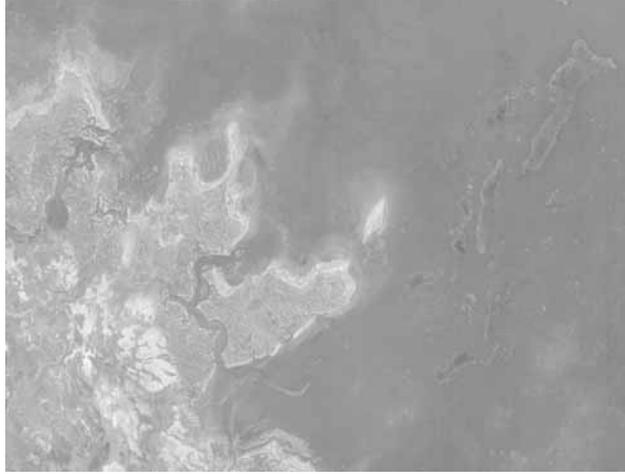
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## Products



# Products



# Products





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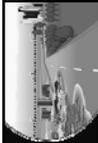
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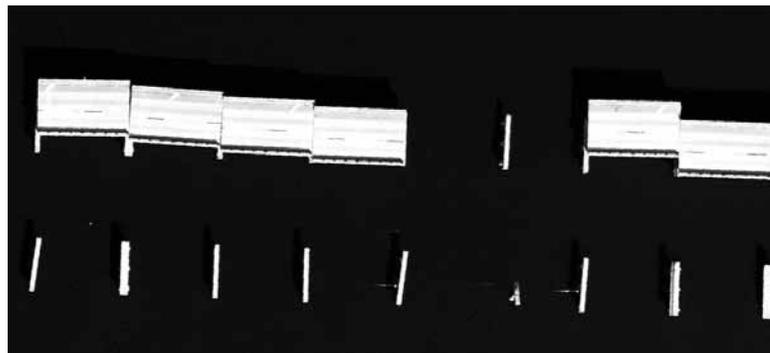
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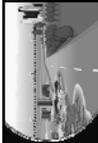
## Products



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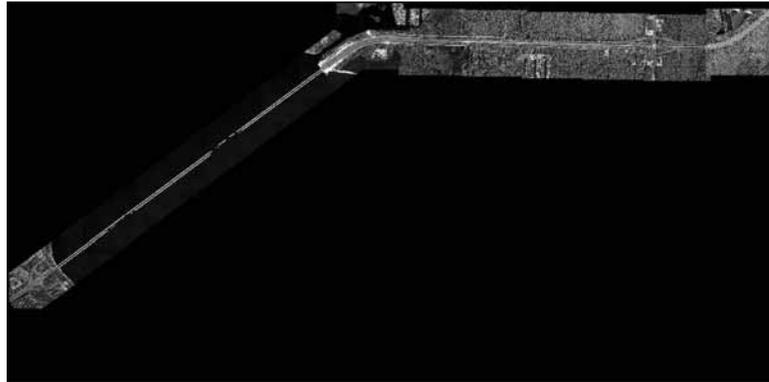
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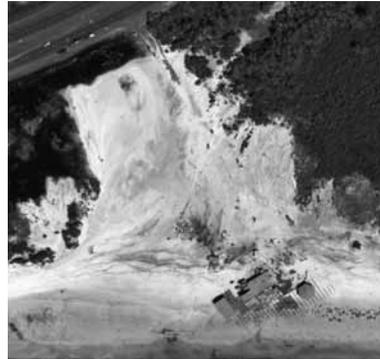
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## Happy Customers

- FDOT
- Department of Revenue
- County Tax Appraisers
- Florida Water Management Districts
- Fish and Wildlife Commission
- Division of Emergency Management
- Department of Environmental Protection
- FEMA
- USGS
- Governors Office
- General Public





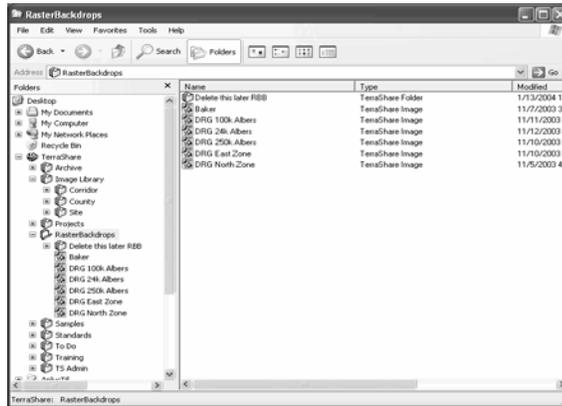
# Data Distribution



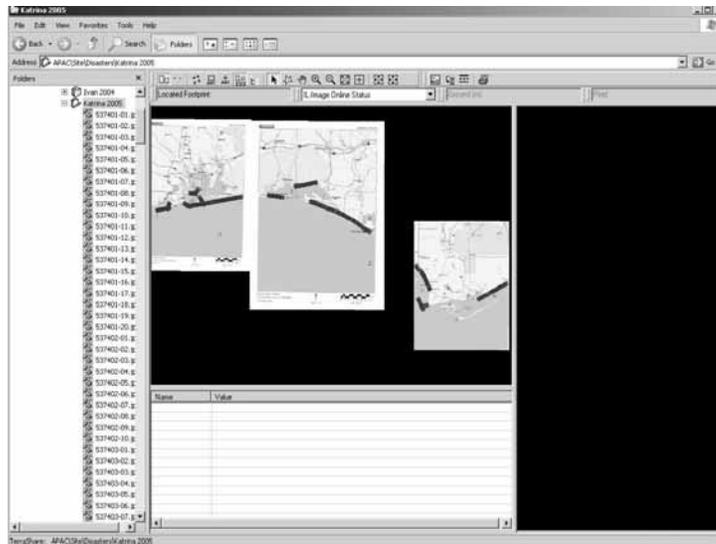
# Data Distribution



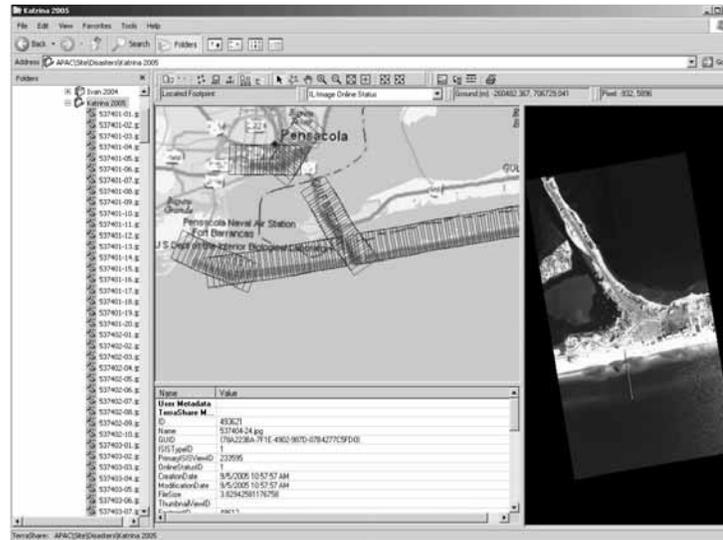
## TerraShare With Explorer Plug-in



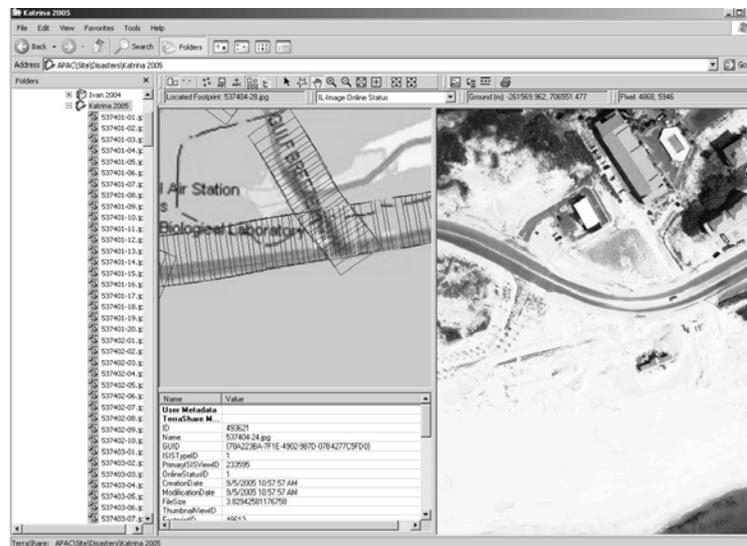
## TerraShare Explorer



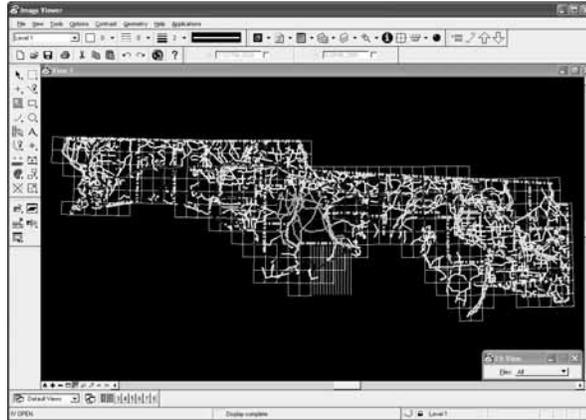
# TerraShare Explorer



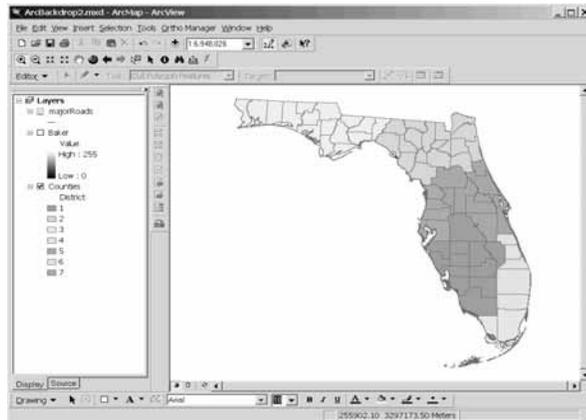
# TerraShare Explorer



## MicroStation With Ortho Manager Plug-in



## Arcview with Ortho Manager Plug-in



Then

Sunshine Skyway 5-11-1980



Now

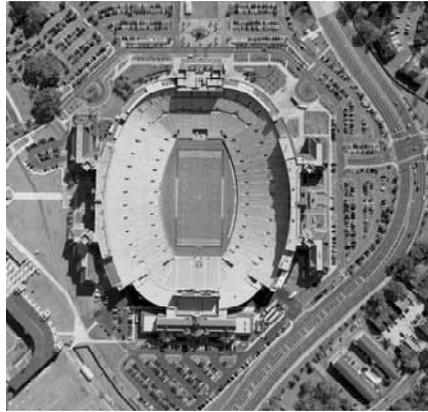
Sunshine Skyway





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## Sites



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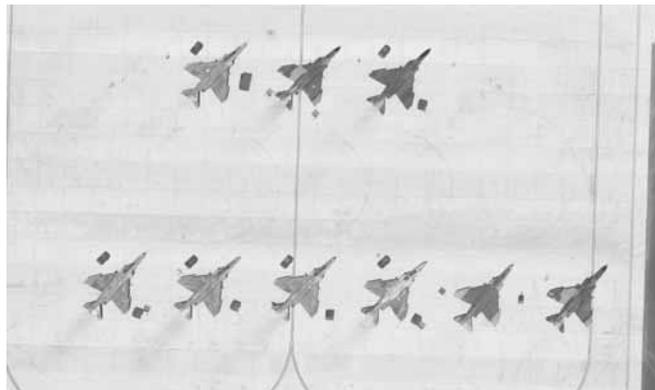




## Sites



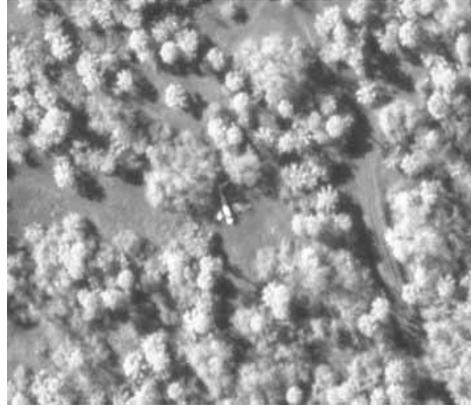
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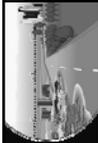
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# Questions?

