

- Etegent Technologies – small business with offices in Cincinnati and Beavercreek Ohio
- Currently supporting automatic exploitation of satellite imagery for IC and DoD customers
- Dr. Adam Nolan
 - Pattern Recognition
 - Machine Learning
- Mr. Chuck Wivell
 - Remote Sensing Image Processing
 - Member of the Image Assessment System (IAS) team
 - Co-author of “Landsat 7 Geometric Algorithm Theoretical Basis Document”
- Mr. Allan Burwinkel
 - Data Analytics
 - Visualization

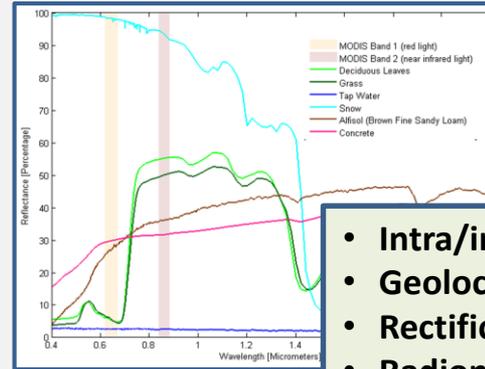
Machine Learning

Overhead Detection/Classification



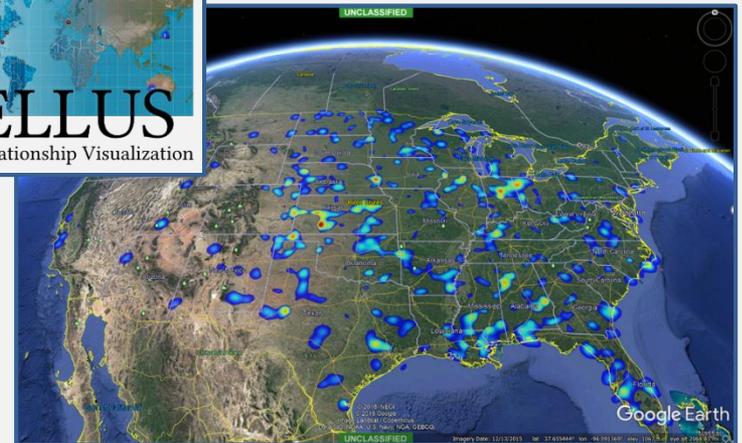
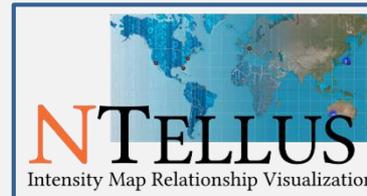
XView Public Dataset

Sensor Processing

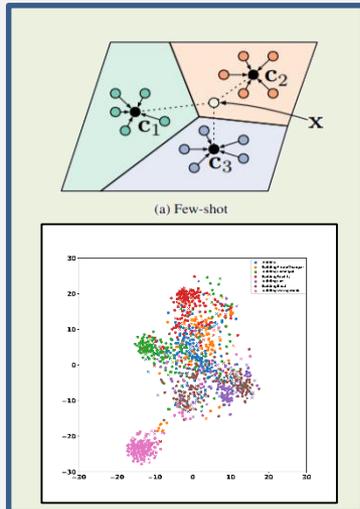


- Intra/inter-band correction
- Geolocation
- Rectification
- Radiometric normalization

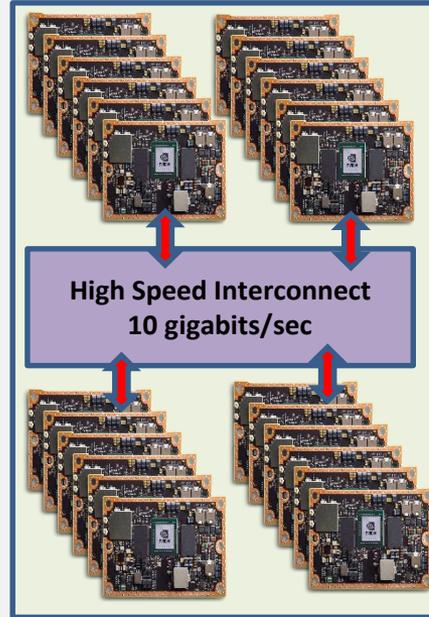
Data Analytics



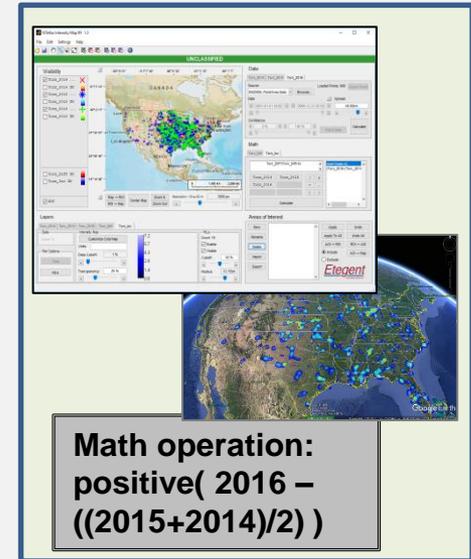
low shot learning



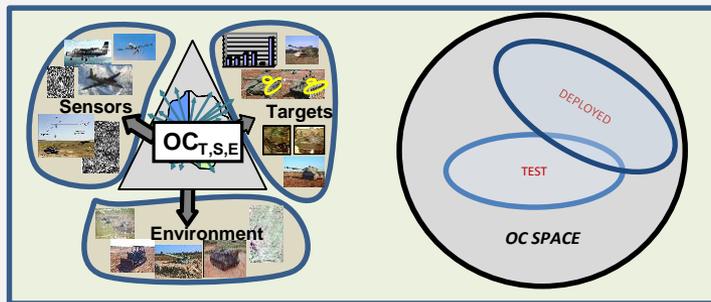
high throughput/low SWaP inference



visualization, trending, change detection



performance modeling



satellite sensor data processing

- Landsat/Sentinel 2 expertise
 - detector to detector normalization
 - band to band alignment
 - cloud/cloud shadow masking
 - scan gap masking/filling
 - derived product creation
 - NDVI
 - spectral angle
 - feature extraction



Etegent is seeking partners with capability and experience in algorithm development characterizing relevant environmental changes from satellite systems.



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