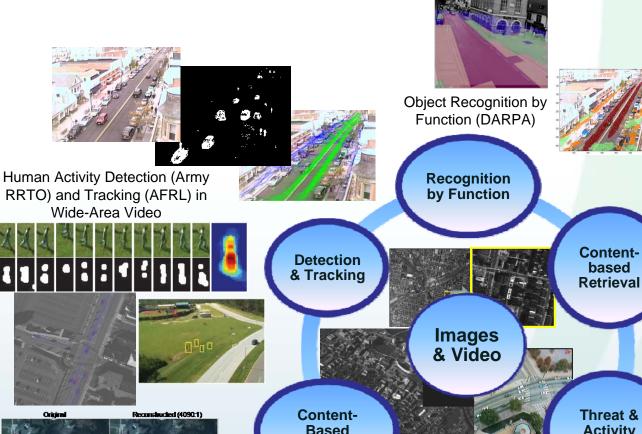
- Kitware, Inc.
- PI: Anthony Hoogs, PhD



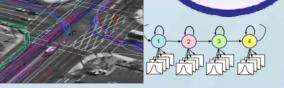
- On Finder, we can contribute:
 - 3D reconstruction from video and images
 - 3D scene understanding
 - Using 3D geometry and scene understanding to match unknown images or video to overhead imagery databases
 - Geospatial visualization for user interaction using open source tools (vtk)



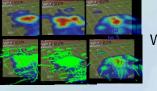


Based Compression Threat &
Activity
Recognition

Anomaly Detection



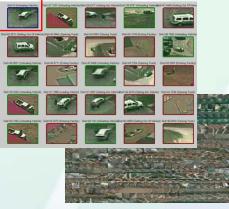
Normalcy modeling and anomaly detection (DARPA PANDA and PerSEAS)



Football play recognition (DARPA CARVE)

- 23+ team members
- 9 PhDs
- Founded in 2007
- 20+ contracts

Turning



Content-based Video Retrieval by Actions (DARPA VIRAT)



Wide-area video threat detection and nodal analysis (DARPA PerSEAS)



Foreground (7500:1)

- Open to various teaming arrangements as prime or sub
- We have extensive component technologies, but not a complete solution
- Have current partnerships with 15+ universities on large vision research projects (ALADDIN, VIRAT, PerSEAS)



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