

VISIMO

Who We Are



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Capability Visual

- Agility Prime Phase I Air Force STTR (FA8649-21-P-0231)



Capability Description

- Detect distant moving objects with **limited pixel size**; detect near objects at **60+fps**
- Combination of **short-** and **long-range** object detection algorithm **improves accuracy** and **recognition speed**
- Enabling technology: **platform integration** or **software add-on**
- TRL4: Phase I **proof-of-concept algorithm** and model with accurate object detection running on COTS hardware

Benefits & Path Forward

- Eliminates resource processing constraints
- Increases object detection and classification accuracy and performance metrics for manned & unmanned vehicles
- **Seeking DoD partners for Phase II** use cases to adapt and train model; verify and validate (V&V) for real-world use
- **Seeking commercial/prime vendors** to leverage Phase III sole-source justification to integrate solution to autonomous vehicle (air/land/sea) or software system

Airspace Management

Command & Control

Comms

Power & Energy Storage

Propulsion

Sensors & Awareness

Other