



Customized Missions



Imagery Acquisition



Analysis Services

Company Overview

ASSIST-U.S.® is a small business that provides aerial data acquisition (ADA) services to support the visual information needs and capabilities of a diverse range of customers in the private and public sectors. ASSIST-U.S.® has been operating from the Concord, NH, municipal airport since May 2010 and currently supports clients in the Northeast and along the Eastern seaboard.

Using light aircraft with state-of-the-art sensors and wireless communication technologies, we can record and transmit full motion video imagery to clients' smart phones, laptops, tablets or command centers for immediate response, or as archived footage for later analysis. This visual information helps clients to mitigate potential damage and losses and to maintain business continuity and economic vitality.

Clients may choose from our menu of services offerings – **Customized Missions, Imagery Acquisition** and **Analysis Services** – to tailor the following solutions to their needs.

Typical users of these services include corporate security directors, emergency management/response managers, law enforcement special operations teams, environmental scientists, engineering firms and realtors.

These services permit clients with a means to comprehensively document and analyze assets, events and the surrounding environment with streamed and recorded imagery collected by our fully integrated aerial sensor systems.

Customized Missions Service

Mission Types:

- Initial (baseline) assessments
- Routine surveillance flights
- GIS mapping
- Ad-hoc emergencies

Applications

- Homeland security, law enforcement special operations, emergency management
- Natural and man-made disaster response/recovery support
- Private and public sector infrastructure protection and emergency preparedness (threat mitigation)
- Environmental monitoring and research

Imagery Acquisition Service

Imagery Formats:

- MJPEG, JPG, AVI
- H264, WMV, BMP
- KML (Google Earth Overlay)
- KMZ (Google Earth Tour)

Options

- Streaming standard definition (SD) full motion video in electro-optical (EO) and infrared (IR) formats with embedded geospatial reference data
- Non-streaming high definition (HD) full motion video
- High definition still imagery

Analysis & Archiving Service

Archiving Options:

- DVD or portable hard drive
- Electronic transmission
- Real-time streaming

Solutions

- Target assessment profiles and baseline asset assessments
- Vulnerability assessments and risk management recommendations
- Threat mitigation plans
- Homeland security and law enforcement / SWAT / special support operations surveillance reports
- Disaster response/recovery support plans

NAICS Codes:

115310, 236210, 236220, 237110, 237120, 237130, 237210, 237310, 237990, 238910, 541330, 541360, 541370, 541990, 541690, 541922, 561990, 562910, 624230

Teaming Partners



Andromeda Systems, Inc. (ASI), Virginia Beach, VA: ASSIST-U.S.[®] is eligible to perform as a subcontractor on the Navy Seaport-e IDIQ contract through our Memorandum of Understanding with Andromeda Systems, Inc. Andromeda provides professional and technical services in engineering design and analysis, reliability engineering and analysis, information technology, logistics, process improvement and program management. A Service Disabled Veteran-Owned Small Business, ASI supports a variety of US Government and commercial customers.



Technology Associates International Corporation (TAIC), Carlsbad CA (HQ), Fredericksburg VA: Under a Memorandum of Understanding with TAIC, ASSIST-U.S.[®] qualifies for the Navy Seaport-e IDIQ contract vehicle through this information technology strategic business partner, which describes ASSIST-U.S.[®] as a potential provider of geo-spatial imagery products for TAIC clients. TAIC is an Information Technology and professional services consultancy specializing in customized software and hardware solutions for clients in both the public and private sectors.



URS Corporation, San Francisco CA (HQ), Shrewsbury NJ: ASSIST-U.S.[®] is listed as a subcontractor on the URS Rapid Response (R23G) federal contract. URS is a leading U.S. federal government contractor providing operations and maintenance, systems engineering and technical assistance, and program management, primarily to the Departments of Defense and Homeland Security.

Technology Partners



SkyIMD, San Carlos, CA: ASSIST-U.S.[®] and SkyIMD, Inc., an innovator in aerial imaging and intelligence solutions headquartered at the San Carlos, CA, airport, are technology partners. ASSIST-U.S.[®] has deployed SkyFusion Pak, the advanced, STC-certified solution for real-time aerial intelligence from SkyIMD.



Saratoga Data Systems (SDS), San Jose CA: A Memorandum of Understanding with Saratoga Data Systems is helping ASSIST-U.S.[®] solve the problems of the extreme data volumes associated with capturing full motion video (FMV). The Saratoga Optimization Platform will provide ASSIST-U.S.[®] with the ability to manage data size, increase performance of data processing applications and move the data to its destination far faster than previously thought possible. This facilitates the means necessary to provide our clients with real-time imagery as it is collected from the airborne platform, in addition to other solutions we use.



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Analysis Services

ASSIST-U.S.® Contract Past Performance

Customer	New England Aquarium Corporation (NEAq)
Period of Performance	30-Aug-2011 to 15-Aug-2011
Issuing Office	New England Aquarium 1 Central Wharf, Boston, MA 02110
Contracting Officer	Jessica Taylor, Right Whale Research Scientist
Project Requirement	ASSIST-U.S.® performs aerial field surveys and marine resource characterization for offshore land energy planning.

Customer	Research Foundation City University of New York/College of Staten Island (CSI)
Period of Performance	26-Oct-2011 to 26-Oct-2012
Issuing Office	College of Staten Island 2800 Victory Blvd., State Island NY 10314
Contracting Officer	Dr. Richard Veit, Principal Investigator, Biology Department
Project Requirement	ASSIST-U.S.® performs aerial field surveys and avian resource characterization for offshore land energy planning.

Customer	Public Service of New Hampshire
Period of Performance	August 31, 2011
Issuing Office	Public Service of New Hampshire 60 West Pennacook St., Manchester NH 03102
Contracting Officer	Donald Nourse, Supervisor of Operations Planning and Emergency Preparedness
Project Requirement	ASSIST-U.S.® performed a post-storm damage assessment and provided aerial video footage of a selected section of PSNH power distribution lines and rights-of-way following the Hurricane Irene storm.

Customer	GeoVantage
Period of Performance	August 1, 2011-August 31, 2011
Issuing Office	GeoVantage, 3 Centennial Drive, Suite 350, Peabody, MA 01960
Contracting Officer	Michael Burnett, Business Development Manager
Project Requirement	ASSIST-U.S.® performed aerial field surveys over the prescribed grid of commercial cranberry bogs located on Cape Cod, MA.

Customer	State of New Hampshire
Period of Performance	December 16, 2010-January 31, 2011
Issuing Office	State of New Hampshire, Department of Resources and Economic Development, Division of Forests and Lands, Forest Protection Bureau 172 Pembroke Road, Concord, NH 03302-1856
Contracting Officer	Kyle Lombard, Forest Entomologist (603) 464-3016
Project Requirement	ASSIST-U.S.® provided video footage of a selected area that includes the Pisgah State Forest, the largest state park in New Hampshire. It contains a complete watershed north of the Ashuelot River, seven ponds, four highland ridges, numerous wetlands, and a 20-acre parcel of old-growth forest.