Wide-Area Persistent Surveillance Operations and Mission Sets

National Defense
- Force protection
- Base/camp/port defense
- Hostile fire detection
- Operational surveillance
- Reconnaissance and intelligence
- Pattern-of-life analysis
- Hostile act forensics

Public Safety and Border Security
- Critical infrastructure protection
- Border surveillance and security
- Law enforcement and smart policing
- Event security
- Public safety
- Aerial patrol
- Incident investigation

Humanitarian Assistance
- Emergency management
- Large-scale accident response
- Natural disaster response
- Wildlife detection and control
- Refugees and IDP camp security
- Wildlife conservation
- Remedial activity verification

Logos Technologies systems and solutions include:

Sensor Systems
- Kestrel
- Simera
- Redkite
- Hermes
- Serenity

Data Processing
- Full-field imaging and archiving
- Real-time mover tracking
- Server in-the-sky
- Multi-source data conditioning
- Flexible Size, Weight, and Power (SWaP)
- Ground receive station and portable remote video terminals
- CMMI and Agile methodology

Mission Support
- Operations
- Analysis tool development
- Analyst support
- Logistics

National Defense | Public Safety and Border Security | Humanitarian Assistance

About Logos Technologies LLC
Founded in 1996, Logos Technologies LLC is a diversified science, engineering and technology company specializing in the fields of advanced sensors, wide-area motion imagery, advanced analytics and processing of large, multisource datasets. Logos serves government customers, including the Department of Defense, Intelligence Community and Department of Homeland Security, as well as a range of customers in commercial and international markets. Learn more at: www.logos-technologies.com

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Logos Technologies offers a broad range of wide-area persistent surveillance (WAPS) systems for a variety of mission sets.

Each system provides a comprehensive solution that makes it possible to observe, monitor, and review the activities of an entire city-sized area, day and night, from a variety of platforms, including aerostats, and manned and unmanned aircraft.

In addition, Logos Technologies provides customers with a number of supporting services, including in-field operational support, logistics, and advanced analytics.

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**Logos Technologies Systems and Solutions**

**Logos** provides both in-ground and ground-based data processing to support specific missions. Logos processing offers near real-time, full-field imagery and motion tracking and supports advanced compression techniques to allow long-term information retrieval with minimal storage. To fully utilize data collected within the immense coverage area, Logos systems enable user-defined "watchboxes" that alert the operator when motion is detected. Logos also allows cross-coding to other complementary collection systems, such as spotter cameras and UAV.

With robust processing power and advanced analytics, Logos systems can ingest and normalize large datasets from diverse collection sources and deliver refined real-time imagery for immediate analysis. Logos registration and rendering algorithms generate geospatial and temporal data tags, yielding industry-leading geowrapping allowing for near-real-time searches as well as cross-valide pattern of life analysis and rapid correlation processing with data from multiple collection sources. Additionally, Logos processing offers algorithm expertise to derive visual image and signal processing algorithms and successfully implement them to meet product goals.

**Full Spectrum Mission Support**

**Logos Advanced Analytics**

**Supplying and Training Analysts to Deliver the Complete Intelligence Story**

Logos maximizes the value of disparate data sources by developing and expanding upon activity-based analytics (ABA) tactics, techniques, and procedures (TTPs), and methodologies. Logos Advanced Analytics enables the cross-indexing and integration of complex data to create validated and actionable information for warfighters, intelligence officers, law enforcement, policymakers, and private firms.

Logos analysts, who deploy around the world, are trained to build a comprehensive intelligence picture by using ABA methods and tools to monitor areas of interest, identify patterns, and detect anomalies. This allows analysts to develop an in-depth understanding of an area's activities and achieve mission objectives.

Logos training equips deployed personnel with advanced knowledge of Linux and Windows operating systems, a solid understanding of payload optics and electronics, and a thorough understanding of sensor-specific software and applications. In addition to applying their technical knowledge, operators also act as liaisons between continental United States (CONUS) engineers and outside continental US (OCONUS) teams.

**Logistics**

Efficiently and Effectively Moving Equipment and Personnel

Logos Logistics works directly with military and contracting agencies to coordinate, plan, and support cargo and personnel movement to/from/within mission areas. In support of program operations, the logisticians also ensure that airmen and ground personnel are动员aged to support equipment and personnel in dynamic OCONUS logistics hubs and ensures compliance with the International Traffic in Arms Regulations (ITAR) for export and import shipments.

**Customizable Solutions**

Logos conducts advanced research and development (R&D) and develops customized solutions, within an efficient timeline, that exceed customer expectations. As a systems-oriented provider, Logos offers solutions to customers in the physical, engineering, and temporal domains. Logos scientists and engineers obtain user/operator feedback to fine tune product performance, improve ease of use, and enhance operations. Your team and project will benefit from our expertise in concept development and design execution for government agencies and commercial companies.