



AUTONOMOUS SYSTEMS | ROBOTICS | MAILROOM AUTOMATION | MRO

CAPABILITY STATEMENT



COMPANY OVERVIEW

► **Aegis Innovation**, a technology subsidiary of Planate Management Group, delivers advanced automation and autonomous systems tailored to critical government, defense, and commercial operations. With an expanding global footprint and strong operational ties across Asia, Europe, and the U.S., Aegis provides engineering-backed solutions for mailroom modernization, robotics, and Maintenance, Repair, and Operations (MRO) support.

WHY AEGIS INNOVATION?

- **Integrated Solutions:** Comprehensive services spanning mail automation, robotics, and facilities engineering.
- **Global Presence:** Teams embedded in the U.S., Ukraine, Kenya, Guam, Taiwan, and the Philippines.
- **Federal Support Experience:** Decades of experience through Planate Management Group in high-security, mission-critical environments.

CORE CAPABILITIES

MAILROOM AUTOMATION & OPERATIONS

- **CBRNE Mail Screening:** Integration of advanced detection systems to protect personnel and infrastructure from mail-borne threats.
- **End-to-End Digital Mailrooms:** Turnkey design and operation of mailrooms, covering receipt, logging, distribution, and digital transformation.
- **Automation Technology:** Implementation of barcode scanning, AI-assisted sorting, OCR, and autonomous robotic handling.
- **Secure Processing:** Proven capability in handling sensitive and classified mail within enterprise-level and regulated environments.

MAINTENANCE, REPAIR & OPERATIONS (MRO)

- **Mission-Critical Maintenance:** Preventive and corrective maintenance, calibration, testing, and asset management to reduce downtime and ensure operational continuity.
- **Collaborative Robots (Cobots):** Deployment of cobots for safe, human-assisted tasks like assembly, welding, and material handling—backed by full installation and servicing.
- **Automated Guided Vehicles (AGVs):** Integration of smart logistics solutions to automate internal transport with mapping, sensing, and obstacle avoidance technologies.
- **Lifecycle Support Services:** Complete technical support including commissioning, configuration, parts procurement, and continuous performance optimization.

ROBOTICS & AUTONOMOUS SYSTEMS

- **Aerial (UAV) Operations:** Deployment of drones for surveillance, mapping, and light cargo delivery, supported by programming, piloting, and maintenance services.
- **Subsurface (ROV) Systems:** Use of underwater robotics for inspection, maintenance, and exploration in environments unsafe for divers.
- **Integrated Mapping & Surveillance:** Real-time data collection for terrain analysis, object detection, and threat monitoring above and below the surface.
- **Mission-Ready Support:** Full-spectrum lifecycle services including commissioning, configuration, reporting, and ongoing system maintenance.

ENGINEERING & TECHNICAL SUPPORT

- **Architecture & Engineering:** Comprehensive A/E services including MEP design, fire protection, BIM modeling, construction drawings/specs, cost estimation, interior design, and compliance with Joint Commission and federal standards.
- **Engineering Studies & Specialized Design:** Delivery of feasibility studies, geotechnical and utility investigations, 3D laser scanning, GIS mapping, and schematic design development tailored to complex infrastructure needs.
- **Engineering Support Services:** Program and construction management, QA/QC, energy/water efficiency, cleared (TS/SCI) technical staffing, and facility condition assessments for mission-critical operations.
- **Augmentation & Advisory:** Deployment of planning, estimating, and technical support personnel to supplement in-house teams, with flexible, cleared professionals available for long- or short-term engagements.

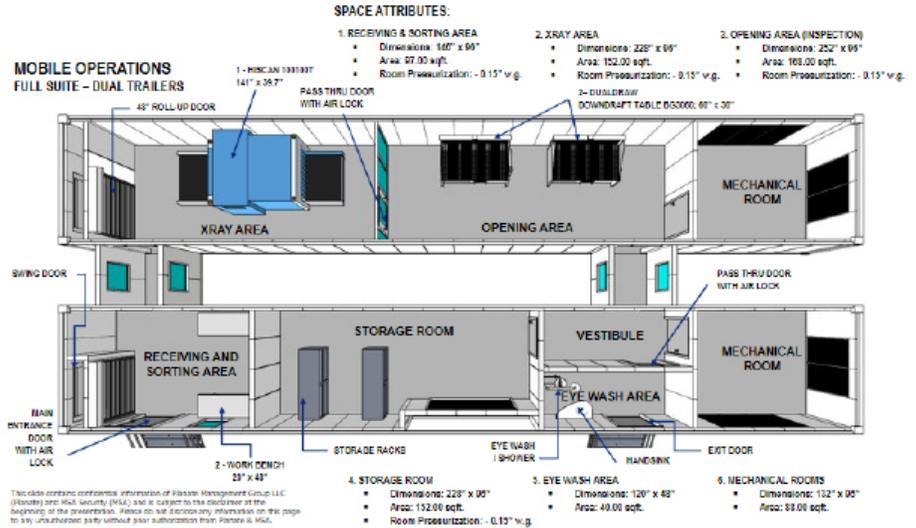
PAST PERFORMANCES

MSA CBRNE: PHASE 1 AMAZON NEGATIVE PRESSURE MAILROOM ASSESSMENT AND RECOMMENDATION

Location: Renton, WA

- » This award included **planning, engineering design, and project management services** for a **Negative Pressure Mailroom (NPMR)** at a consolidated mail-handling facility for a major international logistics provider. The NPMR is a **self-contained, environmentally controlled enclosure** designed to:
 - » **Contain mail-borne threat agents**(Chemical, Biological, and Radiological).
 - » **Protect mail-screening technicians** by maintaining a safe and ergonomic workspace.
 - » Provide a **“clean room” environment** to ensure operational safety and efficiency.

Our services covered comprehensive CBR detection and mitigation, integrating infrastructure solutions to support the client’s mail handling Concept of Operations (CONOPs). This project reflects our commitment to delivering holistic safety solutions that incorporate assessment, design, and operational safeguards for high-risk mail-handling environments.



NAICS CODES

- ▶ 541330 – Engineering Services
- ▶ 541310 – Architectural Services
- ▶ 561210 – Facilities Support Services
- ▶ 541620 – Environmental Consulting Services
- ▶ 541611 – Administrative Management and General Management Consulting Services
- ▶ 541618 – Other Management Consulting Services
- ▶ 561499 – All Other Business Support Services
- ▶ 541990 – All Other Professional Scientific, and Technical Services
- ▶ 541513 – Computer Facilities Management Services
- ▶ 236220 – Commercial and Institutional Building Construction
- ▶ 236210 – Industrial Building Construction
- ▶ 562910 – Remediation Services
- ▶ 237110 – Water and Sewer Line and Related Structures Construction
- ▶ 237990 – Other Heavy and Civil Engineering Construction
- ▶ 238210 – Electrical Contractors and Other Wiring Installation Contractors
- ▶ 237130 – Power and Communication Line and Related Structures Construction
- ▶ 335313 – Switchgear and switchboard apparatus manufacturing

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