

GLOBAL INNOVATION & TECHNOLOGY DELIVERY

CAPABILITY STATEMENT



COMPANY OVERVIEW

The Global Innovation and Technology Delivery (GTD) Division, under Planate Management Group, serves as a multidisciplinary hub driving innovation across automation, marine engineering, robotics, and advanced technology solutions. GTD delivers end-to-end engineering, research, and operational support to government, defense, and commercial clients worldwide. Our team combines engineering precision, research excellence, and global reach to deliver mission-ready solutions that thrive in complex and high-stakes environments.

- ▶ **18 years** of excellence since 2007 delivering technical solutions in challenging environments, including A/E Design Services, Engineering Support Services, and Construction Services, supporting global missions as both a prime and sub-consultant.
- ▶ Headquartered in Alexandria, Virginia, with 9 satellite offices worldwide: Washington, Florida, Philippines, Kenya, Ukraine, Taiwan, Guam, Thailand and Papua New Guinea.
- ▶ A **robust team** of over 350 professionals worldwide.

CORE CAPABILITIES

RESEARCH & DEVELOPMENT

- ▶ Advanced Robotics
- ▶ Artificial Intelligence Integration
- ▶ Autonomous Systems (Air, Land, Sea)
- ▶ Sensor Integration
- ▶ Machine Learning Applications
- ▶ Predictive Maintenance Systems
- ▶ Data Analytics and Optimization
- ▶ Global Robotics Development Sites

SERVICES

- ▶ Drone Mapping
- ▶ Remote Surveying
- ▶ Underwater ROV Inspections
- ▶ AUV Operations
- ▶ Port Facility Assessments
- ▶ 3D Laser Scanning
- ▶ Photogrammetry
- ▶ GIS Mapping and Analysis
- ▶ Infrastructure Inspections
- ▶ Military Sealift Command Certifications
- ▶ Due Diligence Assessments

MANUFACTURING

- ▶ Additive Manufacturing
- ▶ Rapid Prototyping
- ▶ Large-Part 3D Printing (All Materials)
- ▶ Precision Engineering
- ▶ Drone Parts Fabrication
- ▶ Robotics Component Production
- ▶ Distributed Manufacturing Network
- ▶ Quality Assurance and Testing
- ▶ Structural and Mechanical Validation

TECHNOLOGY CONSULTING

- ▶ Cybersecurity Maturity (CMMC) Consulting
- ▶ IT Compliance and Advisory
- ▶ Security and Risk Management
- ▶ CBRNE Screening Design
- ▶ Threat and Narcotic Detection
- ▶ Physical Screening Facility Design
- ▶ Mobile Screening Space Design
- ▶ Specialty Equipment Installation and Commissioning
- ▶ Drone Program Frameworks
- ▶ Operator Training
- ▶ Emergency Action Planning

PAST PERFORMANCES

EARTHQUAKE RESPONSE – HAITI BASECAMP & DRONE SURVEY

Planate supported the Multinational Security Support Mission in Haiti by delivering engineering assessments and construction management services at Toussaint Louverture International Airport. Our team provided critical oversight, technical evaluations, and site analysis to enable safe and efficient basecamp development under challenging conditions.

- ▶ **Construction Management Oversight:** Coordinated between local contractors and DMG's civil engineering team, ensuring compliance with design standards and addressing site issues such as drainage, load-bearing surfaces, and road construction.
- ▶ **Drone-Based Engineering Assessment:** Conducted aerial surveys and topographic mapping to identify potential flooding risks and elevation challenges across key sites.
- ▶ **Geotechnical & Environmental Testing:** Oversaw soil testing, including heavy dynamic penetrometer and borehole sampling, to confirm ground stability and detect contamination
- ▶ **Site Optimization:** Evaluated and recommended removal or relocation of debris, derelict structures, and existing facilities (e.g., dog kennels) to improve site readiness.
- ▶ **Engineering Deliverables:** Delivered comprehensive reports, maps, and video documentation with technical data, assumptions, and recommendations to support informed decision-making.

PAST PERFORMANCES

MSA CBRNE: PHASE 1 AMAZON NEGATIVE PRESSURE MAILROOM ASSESSMENT & RECOMMENDATION, 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:

- ▶ Contains mail-borne threat agents (Chemical, Biological, and Radiological).
- ▶ Provide a “clean room” environment to ensure operational safety and efficiency.
- ▶ Protect mail-screening technicians by maintaining a safe and ergonomic workspace.

Our services cover 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.



DOI-BIE CPM & CONSTRUCTION SUPT SVCS. BUREAU OF INDIAN AFFAIRS FORMATS, CONUS

Delivered a comprehensive suite of GIS solutions for the Bureau of Indian Affairs (BIA) under the DoI-BIE CPM and Construction Support Services Project. Our advanced GIS technology greatly enhanced the management and oversight of BIE schools and assets nationwide. By providing robust, innovative tools for facility management, our services improved data accessibility, operational efficiency, and strategic decision-making across the bureau.

- ▶ Nationwide Asset Mapping & Interactive Database: Mapped all BIE school assets and developed a centralized GIS database with web maps to enhance facility oversight and resource planning.
- ▶ GIS-Integrated Field Inspection System: Deployed a remote inspection system with automated workflows, enabling real-time updates, task tracking, and maintenance coordination.
- ▶ Real-Time Operational Dashboard: Implemented a dashboard for live monitoring of inspections and asset conditions, improving decision-making and operational efficiency.
- ▶ Photogrammetry Drone Scanning and GIS Data Processing: Used drone imagery to generate detailed 3D models for accurate facility planning and spatial analysis.
- ▶ Advanced GIS Indoor Mapping, Space Planning, and Interior Lidar Scanning Integration: Integrated interior lidar scans into GIS for precise indoor layouts, asset tracking, and efficient space utilization.

OFFICE LOCATIONS

- ALEXANDRIA**
1800 Diagonal Road, Suite 600, Alexandria VA, 22314
- FLORIDA**
3361 Rouse Road, Suite 200, Orlando, FL 32817
- WASHINGTON**
Columbia Center 701 Fifth Ave. Suite 4200 Seattle WA 98104
- PHILIPPINES**
• Subic Bay
Unit 2-6 Subic Creative Center Building, Manila Ave cor Dewey Ave, CBD Area Subic Bay Freeport Zone 2222
• Cagayan Valley
11p Invierno Commercial Building, Dupaya Street, Bagumbayan, Lal Lo, Cagayan 3509
- KENYA**
Waiyaki Way- Red Hill Link Road Nyari South Estate, Ngecha Road, House No. 28
- TAIWAN**
3F., No. 366, Changchun Rd. Taipei City, 104706
- PAPUA NEW GUINEA**
Section 14 Lot7 Matrogo Street, 2 Mile, National Capital District, Moresby South, Papua New Guinea
- GUAM**
Core Pacific Commercial Building 545 Chalan San Antonio Suite 302, Tamuning, Guam 96913
- THAILAND**
10th Floor, RSU Tower, 571 Sukumvit Road, Bangkok 10110 Thailand
- UKRAINE**
7 Volodymyrska St, Ste 1, Kyiv 01001, Ukraine

PLANATE GLOBAL PRESENCE



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PLANATE MANAGEMENT GROUP A Service-Disabled Veteran-Owned Small Business

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