

Unmanned Aircraft Systems (UAS) Security Strategy and Policy Analysis



Titania has developed a strong reputation in the industry as experts in the field of Unmanned Aircraft Systems (UAS) Security Strategy and Policy Analysis. Through our work supporting the Federal Aviation Administration (FAA), we have been able to help shape and influence critical UAS and Counter-UAS policies affecting users across the National Airspace System (NAS).

Titania provides executive-level technical consultation and has brought transformational impact to the FAA on every project we have supported. Our fresh ideas and insightful perspectives have led to us being at the focal point of such high-impact and mission-critical FAA security projects such as:

- Managing and facilitating the UAS Detection and Mitigation Systems Aviation Rulemaking Committee (ARC), bringing together industry stakeholders and federal partners to collaborate and develop recommendations and performance standards for the deployment of detection and mitigation technologies in the NAS;

Capabilities

UAS and Counter-UAS Security Strategy

- Detection and Mitigation Technology
- National Airspace System Integration

Project Management Optimization

- PMI Project Management Professional-Certified

Policy Development and Rulemaking

- Legislative Bill Reviews

Business Transformation

- Organizational Change Management
- Executive Advisory

Technical Test and Evaluation

- Test Card Creation & Requirements Development
- Data Collection and Analysis

Software Development

- SharePoint Design & Management
- CMMI-Dev Level 3



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- Developing comprehensive test plans and procedures to evaluate the impact of integrating mitigation technology into airport operations;
- Providing project leadership to the FAA's Center of Excellence for UAS Research – ASSURE (Alliance for System Safety of UAS through Research Excellence), investigating the impact of deployment of UAS security detection and mitigation technologies in off-airport environments;
- Serving as lead content developers and writers of the *FAA Plan for the Certification of UAS Detection and Mitigation Systems* – a comprehensive, multi-year roadmap detailing how the FAA will allow the expanded use of Counter-UAS equipment at airports, critical infrastructure facilities, and mass-gathering sites;
- Managing FAA policy assessment and tool creation for Unmanned Aircraft Flight Restriction applications pertaining to critical infrastructure and events;
- Leading the FAA Office of National Security Programs & Incident Response (AXE) critical data requirements for the FAA Administrator's Integrated Safety Dashboard;
- Delivering executive-level technical guidance and consultation in transformational vision-setting, workload analysis, and change management;
- Administering Knowledge Services Network (KSN) websites and project artifacts through SharePoint development expertise;

About Titania

Founded in 2012, Titania is a small business delivering valued services to the Federal government in support of their most critical missions. Titania professional services include Operational Intelligence and Training, Health Information Technology, UAS Security Strategy and Policy Analysis, and Test and Evaluation Services.

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