

Federal Aviation Administration

Case Study

Mission

Titania's continuing mission is to provide the safest, most efficient aerospace systems in the world. Under the broad umbrella of safety and efficiency, they have several major roles including:

- Regulating civil aviation to promote safety
- Encouraging and developing civil aeronautics, including new aviation technology
- Developing and operating a system of air traffic control and navigation for both civil and military aircraft
- Researching and developing the National Airspace System and civil aeronautics
- Developing and carrying out programs to control aircraft noise and other environmental effects of civil aviation
- Regulating U.S. commercial space transportation

Titania supports the FAA in achieving its mission and goals by providing IT Services and program management support to the Unmanned Aircraft Systems (UAS) Integration Office. Titania was chosen to support the agency in achieving its congressionally mandated establishment of six UAS Test Sites across the United States. These test sites conduct research and testing to inform the FAA on how to safely integrate UAS into the National Airspace System (NAS).

In support of the Test Sites, Titania developed the Mission Logging System (MLS). The MLS provides the FAA the ability to collect, analyze and report, operational flight data as well as associated research information. The system also provides tools the test sites use to manage quarterly and annual reporting.



Dynamically generated metrics and dashboards are a key component of the MLS and they provide real-time operational reporting to senior FAA executives on a weekly basis. Additionally, Titania developed the Research Portfolio Management System (RPMS) and Research Inventory Mapping (RIM) System. The FAA and external research partners such as the Department of Defense (DoD), National Aeronautics and Space Administration (NASA), universities, and other federal agencies use the RPMS and RIM to automate the process of assigning, tracking, reviewing, approving, storing, and searching for FAA research projects.

In addition to developing IT systems and tools, Titania provides the UAS Integration Office with program support including business process definition and engineering management, development of analysis and metrics tools and techniques, and managing the day-to-day activities associated with the rapidly evolving rules, policy, and laws relating to the public and civil operation of UAS.

Contracts

FAA Accelerated and Simplified Tasks (eFAST)

The Electronic Federal Aviation Administration (FAA) Accelerated and Simplified Tasks (eFAST) is the FAA's preferred contracting vehicle for small business contracts. eFAST streamlines the procurement process for all stakeholders using a web-based acquisition tool and automated workflows compliant with applicable FAA standards. eFAST supports the following contract types: Firm-Fixed Price, Cost Reimbursable, Time and Materials, Labor Hour and others as appropriate.



About Titania

Founded in 2012, Titania delivers valued services to the federal government in support of their most critical missions. In 2020, the company was acquired by Swish Data and operates as an independent business subsidiary. Titania professional services include operational intelligence and training, program and data management, test and evaluation, and healthcare information technology. www.titaniasolutionsgroup.com

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