B2GNOW

BlackCat Aviation

Grant and Facility Data Management System for State Aviation Programs

With over 5,000 public airports, the United States supports the movement of nearly 1 billion air travelers annually, highlighting the vast scale of its aviation infrastructure. As more people take to the skies, managing our state's airports becomes increasingly complex. State aviation office teams face growing pressure to efficiently manage capital improvement plans, funding programs, inspections, and operational reporting. To succeed, they need modern, centralized tools to streamline data collection, simplify Federal Aviation Administration (FAA) reporting, and ensure compliance with evolving federal standards.

Managing aviation program data is complex. State Departments of Transportation (DOTs) must coordinate a broad range of activities, including FAA Order 5010 inspections, Capital Improvement Plan (CIP) development, other FAA reporting, and local project compliance, all while balancing transparency, oversight, and efficiency. Disparate systems, manual processes, and inconsistent data formats can delay approvals, introduce reporting errors, and undermine confidence in funding allocations. As aviation infrastructure demands increase, these inefficiencies put critical safety and maintenance priorities at risk.

To address these complex challenges, state aviation offices should adopt a cloud-based software solution that digitizes paperwork and streamlines essential processes. A unified platform can standardize data management and support the full lifecycle of Capital Improvement Plans (CIPs). It can also handle grant management, providing detailed tracking of allocations, balances, transfers, and closeouts. The system should facilitate 5010 inspection data collection, required forms, and customizable workflows tailored to state-specific standards. Key efficiency tools should simplify application creation, document submittals, deadline tracking, and scoring based on custom criteria. To ensure progress and avoid delays, the solution must automate notifications and flag incomplete tasks or missing information. Centralized document management—with intuitive upload, storage, and categorization at both facility and system levels—is also essential.

To support airport sponsors, owners, and cities, B2Gnow offers BlackCat Aviation—a flexible, cloud-based system designed for state aviation organizations. It streamlines grant and facility management by unifying data on projects, grants, contracts, inspections, and reimbursements in a secure platform for both Block Grant and non-Block Grant states. The system manages short-term and long-term airport projects, including runway repairs, lighting, and equipment, in the next couple of years as well as over 20-, 30-, or 40-year horizons. Key processes, including application management, compliance tracking, and FAA integration are included. With tools for real-time updates, reporting, notifications, and inspections, BlackCat Aviation reduces manual effort and enhances data-driven decision-making. Successfully implemented across the U.S., it improves outcomes in safety, compliance, growth, and funding.

25+ years
In grant management experience

Over $50 Billion
Managed in grant awards

40+
Implementations across 27 states

Key Features

Facility Data Collection: Gather and maintain airport operational data and 5010 inspection records in one system.

Capital Improvement Plans: Develop, score, and rank projects based on funding priority, safety needs, and state strategy.

Grant & Project Management: Manage applications, contracts, drawdowns, reimbursements, and payments from start to finish.

FAA Integration: Receive data directly from FAA systems to improve inspection and reporting efficiency.

Dynamic Airport Directory: Generate real-time state airport directories based on facility data stored in the system.

Compliance Tracking: Monitor project oversight, track deficiencies, and ensure federal and state requirements are met.

Benefits

- **Simplifies federal reporting** with consistent, real-time facility and operational data.
- **Optimizes funding decisions** through improved project scoring and visibility into statewide needs.
- **Reduces administrative burden** on state and airport staff through automated notifications and workflows.
- **Ensures compliance** with federal and state regulatory standards across programs and projects.
- **Enhances transparency** between DOT offices, airports, and stakeholders through shared system access.

Optional BlackCat Aviation modules and services include:

- Air Service
- Aircraft Registration
- Airport Inspection
- Disaster Preparedness
- eSignature
- Gaming
- Non-Primary Entitlement
- Private Airport Registration
- Quality Assurance Review
- System Planning

Why BlackCat Aviation?

☑ **Purpose-Built:** Designed specifically for state aviation agencies under both Block Grant and non-Block Grant programs.

☑ **Trusted Nationwide:** Used by multiple state DOTs across the country—including Alaska, Florida, Georgia, Indiana, Minnesota, Ohio, Tennessee, Texas, Utah, and Wyoming.

☑ **Unified Platform:** Consolidate all funding, inspection, and project data in one centralized, secure location.

☑ **FAA-Ready:** Supports direct data import from FAA inspection and reporting systems.

☑ **Cloud-Based:** No IT infrastructure required, with user-friendly web access and automatic updates.

For more information visit B2Gnow.com or call 602-325-9277.

B2GNOW