



Oil & Gas



Transmission  
& Distribution



Renewable  
Energy



Emergency  
Response

*SAFE • SCALABLE • REPEATABLE • ECONOMICAL*

# Enabling Efficient UAS Operations for the Enterprise

Operations Management Platform,  
Services, and Analytics



**AiRXOS**  
Part of GE Aviation

# When You Need Safe, Scalable, Repeatable Operations

From infrastructure inspection and surveillance, to airspace awareness and emergency operations after a natural disaster, AiRXOS uniquely provides the critical end-to-end Unmanned Aerial Systems (UAS) Applications, Services, and Analytics for safe, scalable, repeatable UAS life-cycle operations for Enterprises.

The result – an economical, dynamic and unified UAS platform for executing efficient inspection operations.

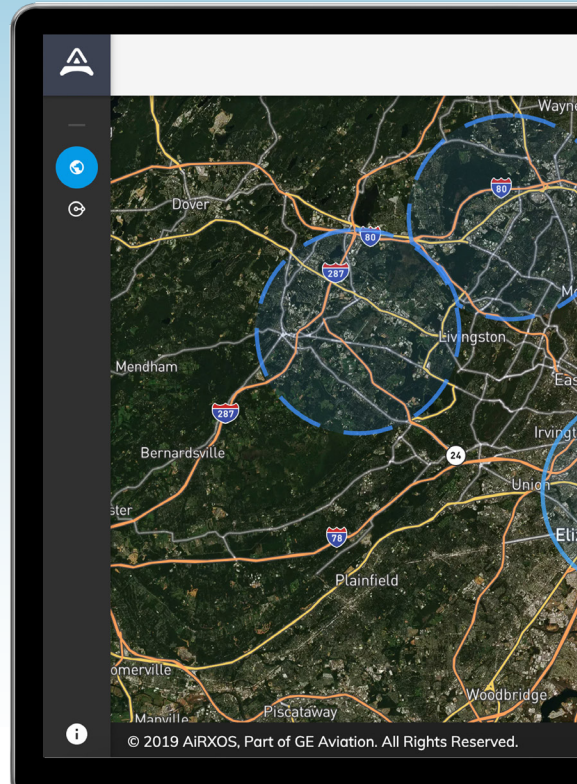
- Command Center with Situational Awareness
- Waivers & Exemptions
- Emergency Response/Disaster Recovery
- Drone-as-a-Service Providers
- Analytics for Oil & Gas, T&D, Railroads and Other Critical Infrastructure
- Asset Inspection
- Vegetation Management and Railways
- Asset Performance Management

## Operational Oversight in One Platform

### *Operations Management Platform, Applications & Services*

With AiRXOS' Air Mobility Platform, you can plan, schedule and monitor all facets of your UAS operations from a single platform, and have all the tools you need to fly quickly, with complete confidence in your safety operations. You'll have full visibility to your airspace and assets, inspection and emergency response capabilities, analytics, and asset performance tools. The Air Mobility Platform is deployed on Amazon Web Services (AWS) GovCloud to support compliance to stringent federal requirements. In one comprehensive solution AiRXOS provides:

- Enterprise Advisories
- Command Center – Situational Awareness including Radar, ADS-B and Other Sensor Data
- Crew and Asset Management
- Pre-flight Checklists and Post-flight Reports
- LAANC Authorizations
- Flight Planning and Deconfliction Services
- Auxillary Data (Weather, Terrain, Obstacle)

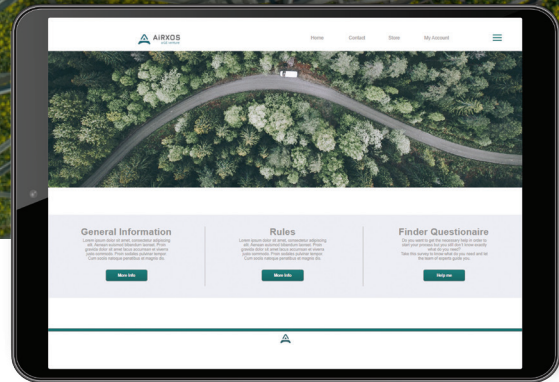




# Fly Safely and in Compliance

## Waivers and Exemptions

AiRXOS automates and digitizes Waivers, Exemptions and Certificates of Authorization (COAs), but eliminates the requirement of submitting manual entries, or complete submissions in multiple formats. AiRXOS enhances your safety and compliance planning with system development, supporting processes, and training and procedures to enable advanced UAS flights. From ConOps definition, location assessment to classify and assess air and ground risk, and allocation of safety plan and requirements to the major systems, AiRXOS provides efficient safety and compliance standards in one solution.



## Design Your Program

### Use-Case Development

We understand that before your drone program can fully operationalize, you may need help in designing the optimal solution for UAS operations and we're prepared to assist you with those needs. We help enterprises with all their planning and operational needs including:

- ConOps Development
- Identify Aircraft and Sensor Kits
- Make Recommendations on C2 and DAA Solution
- Identify any Authorizations/Waivers necessary for the Operation
- Mission and Flight Planning
- Data Reporting and Analysis



# Mission Ready

## *Drone-as-a-Service Providers*

AiRXOS has a robust Partner Ecosystem that allows us to provide a 'mission ready drone toolkit' for your inspection, detection and monitoring needs.

This means you get advanced drones and sensors, and professionally qualified pilots in one turn-key service, designed to carry out all your inspections.

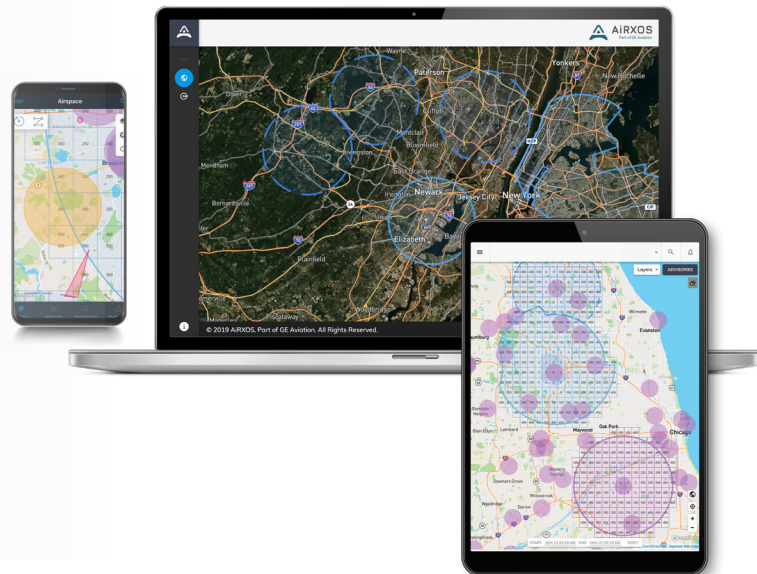
- Small (site or <100 mile)/ Medium (<500 mile)/ Large Linear Projects
- Advanced Sensors & Drones: Multi-Rotor, VTOL, Fixed-Wing
- Pilots, Professional Licensed Surveyors (PLS), DOE Approved



# Emergency Response. Disaster Recovery.

## *Public Safety Solution*

AiRXOS' Air Mobility Platform (AMP) is designed for deployment in emergency operations centers where organizations can manage and control with complete situational awareness and using the industries only digital SGI process, and mass alert distribution. The integrated video distribution system is also certified on AT&T's FirstNet thus providing the industries only UA streaming solution proven and tested to operate during catastrophic events and recovery. A single solution to support emergency response and disaster recovery.





# Reliability & Availability

## Compliance & Crew Management

AiRXOS provides full accountability and transparency across your team in one location. The AMP is designed to track and manage the status of each pilots Part 107 license and expiration dates, flight hours and mission planning for a complete pilot workflow. Reporting tools track audit logs, UAS, crew, and operations management records, to satisfy regulatory compliance requirements and operational monitoring, including LAANC usage reports to the FAA operation transaction logs and Airspace Advisory application usage reports.



# Improve Productivity

## Asset Management & Security

Optimize the performance of your assets to minimize costs, and reduce operational risks. Through GE Digital, we connect disparate data sources and use advanced analytics to provide a unified view of your assets current state and health to mitigate downtime.

- Automated Data Management, Analysis & Categorization
- Interactive Web Portal with Customized Reports & Portfolio Tracking
- Raw Imagery or Processed Data Files
- Photogrammetry Software/3D Modeling

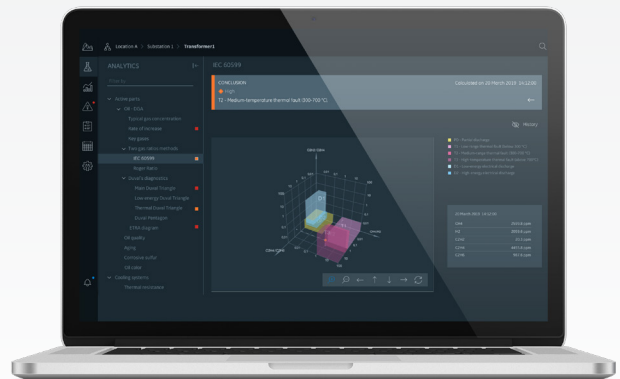


# Actionable Intelligence

## Analytics & Insights

Optimize your operations and budget with data capture/ingestion and advanced analytics that give you actionable intelligence to better manage vegetation, asset corrosion and substation and line patrol. Upload and maintain all your inspection data in one platform and use advanced analytics to deliver greater value.

- Vegetation Management
- Corrosion Detection
- Asset Security
- T&D Inspection Analytics



AiRXOS, part of GE Aviation, is making a new way of moving possible. From people and goods, to inspections, and public safety – we're taking on the global challenge of the digital drone economy and changing the future of transportation.

AiRXOS is digitizing today's airspace, infusing next generation air traffic management technology and services with world-class aviation expertise and execution, AiRXOS is shaping a new era of transportation through global, commercial Unmanned Aerial System (UAS) solutions.

For more information about AiRXOS, visit [airxos.io](https://airxos.io), LinkedIn, and Twitter.



**AiRXOS**

Part of GE Aviation

*2020. AiRXOS, part of GE Aviation. All rights reserved. GE and First Responder are trademarks of General Electric Company. AiRXOS reserves the right to change the features shown herein, or discontinue the product described at any time without notice or obligation. Contact your AiRXOS representative for the most current information. (07/2020)*