



**The AVIAS DAT's advanced AI capabilities offer customized scenario analysis, adjusting to predicted operational changes for comprehensive forecasting across all aspects of airport infrastructure.**

DAT, now enhanced with the AI-powered feature AVA, is a robust and flexible application that not only analyzes both likely and unforeseen future airport scenarios with basic user inputs but allows for interactive querying of the airport's master plan.

This AI element can perform sophisticated analysis based on user queries, providing airport sponsors with deeper insights into how changes in air traffic, cost structure, or even a shift in airport mission could influence future development and financial outcomes. It enables your airport staff to correlate ongoing operations with current forecasts and financials for a real-time, accurate picture, while its advanced AI capabilities offer customized scenario analysis, adjusting to predicted operational changes for comprehensive forecasting across all aspects of airport infrastructure.

Within the AVIAS DAT, the Airport Layout Plan presents an interactive 3-dimensional GIS map of your airport that automatically adjusts using the applied scenarios. Both the FAA approved, and the custom Airport Layout Plan drawings can then be exported to PDF. Additional custom reports can also be run to export all the data you need, giving you the tools to extend the life of your airport's master plan.

The growing popularity of MJ's dynamic master planning platform is a strong indication that our clients value the usefulness of the DAT.

## BENEFITS

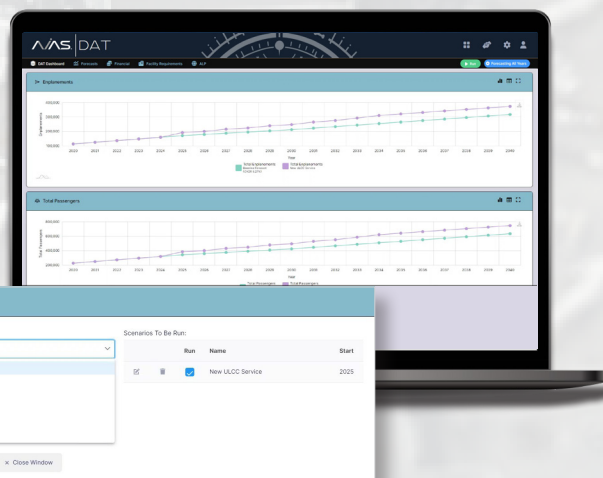
- Scenario-based analysis
- Centralizes key airport data
- Imports Master Plan financial data
- Correlates current and forecasted data
- Extends the useful life of a Master Plan
- Flexible to meet needs of all size airports

## FUNCTIONALITY

- Adjusts forecast based on fluctuations in the industry and changes at your airport
- Links together demand forecasts, facility requirements, development scenarios, capital improvement plans, an electronic ALP, more
- Shows subsequent impact on the Airport's finances, airfield, terminal, or landside infrastructure, and/or other selected criteria identified by the airport

## FEATURES

- Interactive, GIS 3-D Airport Layout Plan (ALP) that adjusts to scenario-based inputs
- Cloud-based
- Customizable to meet your airport's needs



*Run scenarios for more accurate forecasts and extend the life of your Master Plan*

## TECHNICAL SPECIFICATIONS



**CLOUD-BASED**  
Access anytime, anywhere with no on-premise installation required



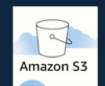
**RELIABLE & SCALABLE**  
Hosted on Amazon AWS for industry-leading security, performance, and uptime



**CROSS-BROWSER COMPATIBLE**  
Works seamlessly on all modern web browsers—no special setup required



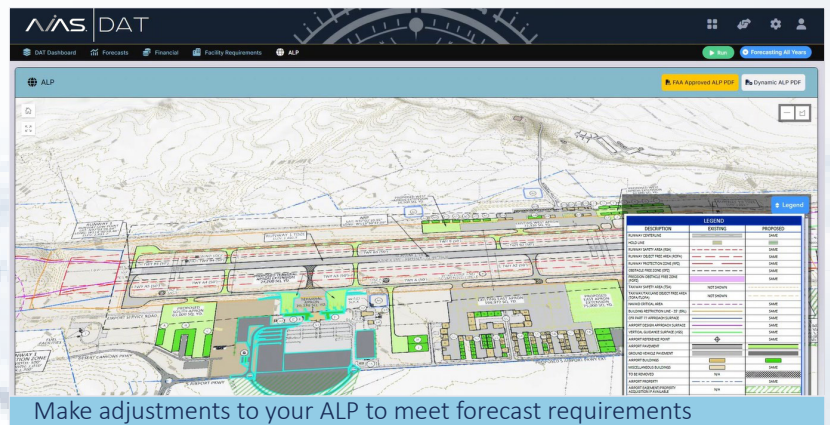
**SECURE & ENCRYPTED** Protected with HTTPS for safe and reliable data transmission



**ROBUST STORAGE**  
Backed by Amazon S3 for scalable, durable, and high-performance data management



**POWERED BY ESRI**  
Proven GIS technology for accurate mapping and spatial analysis



## LEARN MORE ABOUT AVIAS

Scan the QR Code for an overview video of AVIAS or go to: [mjinfrasolutions.com/AVIAS](https://mjinfrasolutions.com/AVIAS) to learn more about AVIAS and the full suite of Airport Management Solutions.



### AVIAS Suite of Airport Management Applications

- **DAT** - Dynamic Analysis
- **AEROCLEAR** - Obstruction Analysis
- **INSPECT** - Airport Inspection & Asset Management
- **SITES** - Land Development
- **RUMBLE** - Pavement Management
- **CAPLAN** - Airport System Planning
- **FLOW** - Terminal Planning



Generate reports anytime, anywhere.

## CONTACT US



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