



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 DAT CHAT, 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

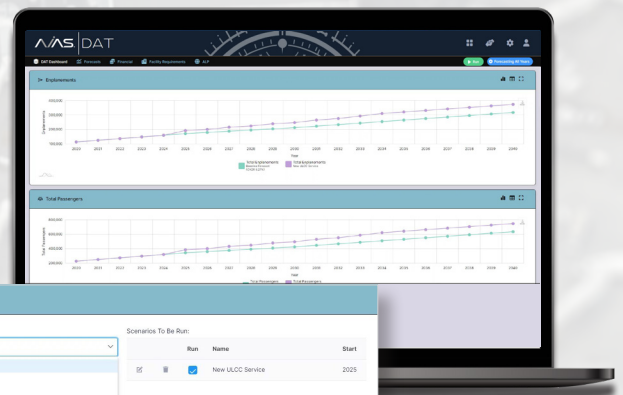
- Scenario-based analysis
- Centralizes key airport data
- Imports Master Plan financial data
- Correlates current and forecasted data
- Extends the useful life of a Master Plan
- Flexible to meet needs of all size airports

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

- Version: 3.0
- Cloud-based
- Data hosting via AWS
- Uses Esri-based maps or user-defined sources
- Customizable interface and functionality based on users needs
- Customizable user scenarios based on user input or planning data
- User defined filter and search fields for data access
- Long term support and data maintenance options
- Basic system requirements:
 - High speed internet connection
 - Modern web browser such as *Google Chrome*, *Microsoft Edge*, or *Mozilla Firefox*
 - McFarland Johnson recommends updating your browser to the latest stable release
 - Your browser must be set to accept cookies

Advanced AI capabilities provide deeper insights and analysis

Make adjustments to your ALP to meet forecast requirements



Generate reports anytime, anywhere.

LEARN MORE ABOUT AVIAS

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



AVIAS Suite of Airport Management Applications

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

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