



## BENEFITS

- Optimized Terminal Layouts
- Time-Saving Scenario Modeling
- Data-Driven Design Decisions
- Improved Passenger Experience
- Scalable for Future Growth

## FUNCTIONALITY

- Functional Area Mapping
- Scenario Comparison Tools
- Passenger Flow Simulation
- Demand Forecast Integration
- Collaboration & Review Tools

## FEATURES

- Interactive Terminal Visualization
- Integration with AVA
- Layered Plan Overlays
- Smart Recommendations Engine
- Exportable Reports & Graphics



**AVIAS FLOW enables planners to model functional areas, simulate passenger movement, and evaluate design scenarios using real-time data and forecasts.**

FLOW – Terminal Planning is a powerful application within the AVIAS airport management suite, purpose-built to enhance the planning, design, and optimization of terminal facilities. FLOW enables airport planners and stakeholders to visualize terminal layouts, allocate functional areas such as check-in, security, holdrooms, concessions, and baggage claim, and assess how those areas interact with real-world passenger movements. By integrating passenger demand forecasts and operational data, FLOW supports data-driven decisions that align terminal designs with current needs and long-term growth.

planning scenarios, compare options in real time, and receive AI-generated recommendations to improve efficiency and passenger experience. With interactive visual tools, collaboration features, and the ability to generate shareable reports and graphics, FLOW transforms terminal planning into a more intuitive, insightful, and agile process—empowering airports to make smarter, faster decisions while designing terminals that are functional, flexible, and future-ready.

What sets FLOW apart is its dynamic modeling capability and seamless integration with AVA, the AI-powered assistant. Users can simulate multiple



## 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



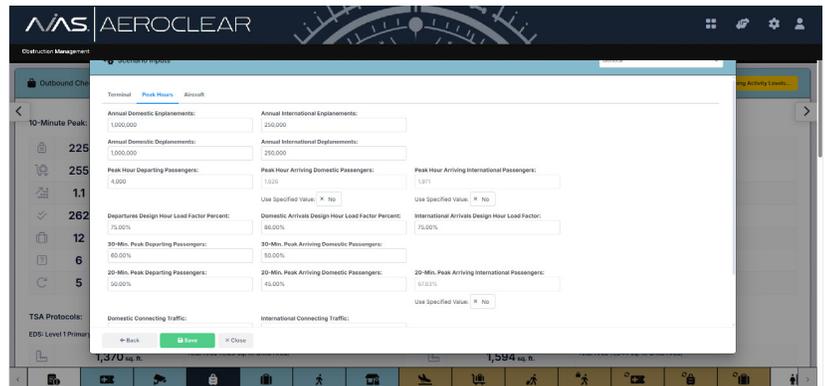
**SECURE & ENCRYPTED** Protected with HTTPS for safe and reliable data transmission



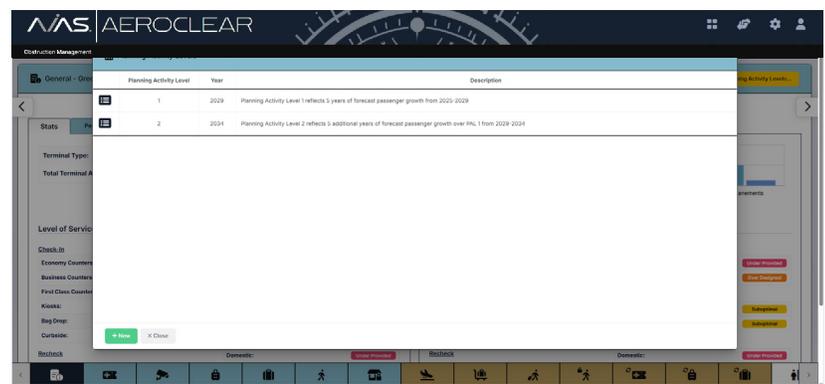
**ROBUST STORAGE**  
Backed by Amazon S3 for scalable, durable, and high-performance data management



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



Scenario Inputs



Planning Activities

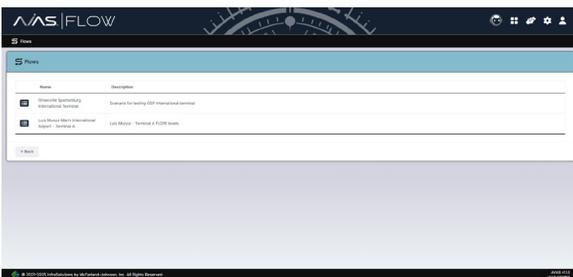
## LEARN MORE ABOUT AVIAS

Scan the QR Code for an overview video of AVIAS or go to: [mjinfrasolutions.com/AVIAS](http://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



## CONTACT US



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