



TESTIMONIAL

“We have been using SkyView as the basis of our post-PBN-implementation monitoring. It has been extremely useful in this regard and will continue to support our PBN developments.”

Geoff Hounsell
Manager Service Strategy
Airways New Zealand

SkyView is proven technology

- Currently in use at ANSP operation facilities and research labs
- Extensive use for measuring and monitoring key ANSP performance areas
- Highest degree of accuracy and precision based on data acquisition, cleaning, and integration techniques

SkyView can accelerate implementation of CANSO performance measures

- Rapid, efficient ANSP implementation
- Phased groups of performance measures, scaled to suit the needs of each ANSP
- Quickly provides a productive medium for collaboration among ANSPs, aircraft operators, and airports
- Accelerates the generation of value for ANSPs, aircraft operators and airports through focused actions on the things that matter most



Fast, powerful metrics to
enhance ANSP performance



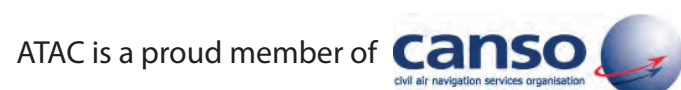
With over 35 years of experience, ATAC is committed to providing world-class modeling, simulation, and analysis for aviation. We have a product portfolio recognized worldwide for its ability to accurately simulate and analyze current and future aviation systems. We invite you to discover how ATAC can help answer your most complex aviation questions.

ATAC provides world-class aviation analysis software and services to help companies and governments better understand their operation, improve their planning and decision-making, and ultimately their performance.

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ATM Performance Measurement Systems Can Take You to the Next Level of Performance

Implementation and Use of ATM Performance Measurement Systems provide objective, data-driven, information to help ANSPs set more effective priorities.

ATM Performance Measurement Systems enable ANSPs to clearly understand:

- How your business is working,
- How to make smarter decisions, and
- How to track the progress of performance improvements

Benefits of using ATM Performance Measurement Systems include:

- Increased safety, efficiency, and reduced environmental impact
- More effective system operational changes
- Reduced operational costs
- Improved collaborations with aviation system stakeholders
- Connecting the dots between ANSP-specific needs, ICAO ASBUs, and infrastructure investment



ATAC suggested introductory performance metrics

KPAs	Key Performance Indicators	Metrics*
Efficiency	Taxi Out Delay	Average Taxi Out Delay per Flight
	Departure Delay	Average Departure Delay per Flight
	En Route Delay	Average En Route Delay per Flight
	Arrival Delay	Average Arrival Delay per Flight
	Taxi In Delay	Average Taxi In Delay per Flight
Environmental Impact	Horizontal Inefficiency	Excess Fuel Burn due to Horizontal Trajectory Inefficiencies
	Vertical Inefficiency	Excess Fuel Burn due to Vertical Trajectory Inefficiencies
Productivity	IFR Flight Hours	IFR Flight Hours per Day per Airport
Safety	IFR-IFR Losses of Separation	IFR-IFR Losses of Separation per Million IFR Flight Hours Flown
	Unstable Approach Geometries	Multiple Arrival Approach Geometrics
	PBN Compliance	RNP Path Containment

*Metrics results from multiple CANSO efforts including OSC, PSC, SSC, and OPWG and ENVWG



Fast, easy automated metrics to enhance ANSP performance

SkyView provides a comprehensive set of software tools for gathering aviation performance and supporting data, measuring and baselining operations, and helping to design, implement, and evaluate operational improvements. SkyView contains configurable data collection, air traffic data visualization, analysis, reporting, and management modules that can be tailored to your needs. SkyView can be adapted for any suitable set of air traffic data sources to produce customized dashboards for executive monitoring and decision-making.

SkyView can be configured to support many different applications including:

- Daily performance measurement and reporting
 - Traffic trend analysis and before-after comparisons
 - Lookback/replay of traffic in 2D and 3D with GIS overlays
 - Calculation of track parameters for user fee computations
 - Performance shortfalls to guide infrastructure investments
- PBN compliance reporting
 - Safety precursor and incident reporting
 - Design and review of airspace modifications
 - Scenario development for air traffic controller training
 - Fuel burn, emissions, and noise reporting
 - Presentation development and community outreach
 - Search and Rescue

SkyView is ATAC’s next generation performance measurement system and is built on ATAC’s foundation of proven expertise and performance

