



SITA

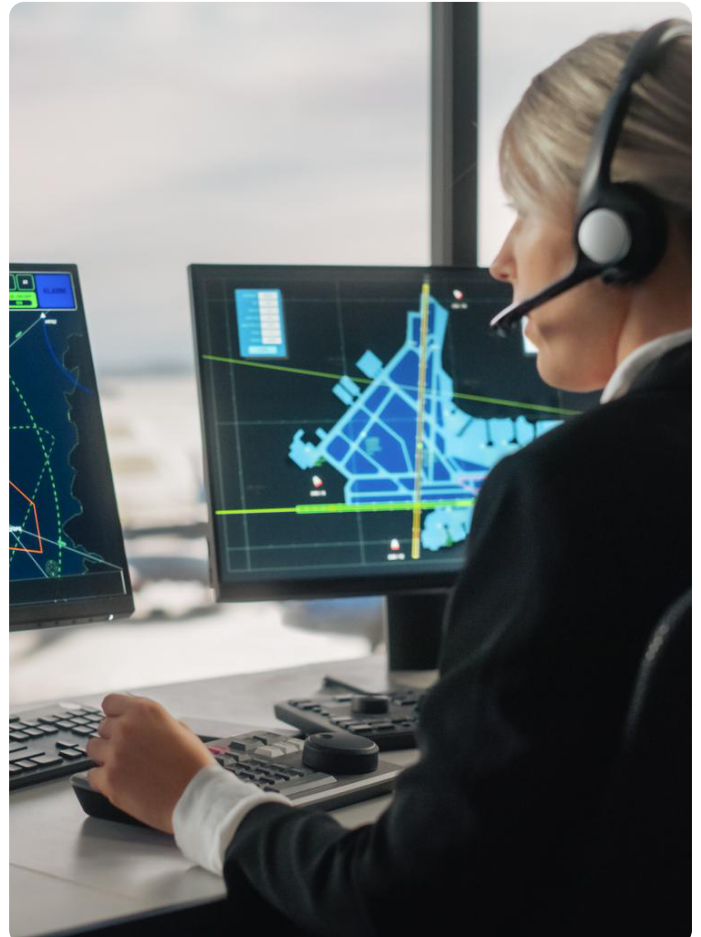
SITA ATS SATVOICE

UNMATCHED VOICE CONNECTIVITY FOR AIR
TRAFFIC MANAGEMENT

As air traffic control evolves, the need for modernization is clear. With increasing safety demands and the push for next-generation practices, reliable voice communication services are more critical than ever. These services are the backbone of effective air traffic management. Enter SITA's ATS SATVOICE—a solution designed to keep Air Navigation Service Providers (ANSPs) connected with aircraft, regardless of location.

What is SITA ATS SATVOICE?

SITA ATS SATVOICE is a satellite-based voice service that guarantees uninterrupted ground-to-air communication through Inmarsat and Iridium global satellite networks. This ensures that air traffic controllers and pilots stay in constant contact throughout the flight. Our fleet-agnostic service works seamlessly across all types of aircraft and easily integrates with ANSP Voice Communication Systems using standard Voice over IP (VoIP) interfaces. With SITA ATS SATVOICE, you get universal compatibility and reliable communication, even in the most remote or oceanic regions, enhancing air traffic safety and efficiency.



Forget the limitations of HF coverage. SITA's ATS SATVOICE service offers consistent, high-quality voice connectivity for any fleet, anywhere in the world.



Elevating Air Traffic Management

SITA ATS SATVOICE offers a significant advantage: it provides global coverage with superior quality compared to traditional High-Frequency (HF) or very high-frequency (VHF) voice systems, translating into substantial safety benefits. Thanks to the partnerships with Inmarsat and Iridium, SITA can offer reliable coverage over oceans and remote regions where HF and VHF have traditionally struggled.

SITA's Enhanced Ground-to-Air Voice Platform manages satellite voice calls with top-tier security, featuring built-in redundancy through our private VoIP network. This integration into ANSP Voice Communication Systems significantly reduces the workload for controllers by automating call setup processes that would otherwise require manual input. When ATC needs to communicate with a pilot, clarity, and speed are non-negotiable—the high-quality satellite voice service ensures that messages are delivered clearly and promptly.

Moreover, SITA ATS SATVOICE logs allow ANSPs to monitor and evaluate Direct Controller-Pilot Communication performance, helping reduce separation between aircraft in oceanic or remote airspace.

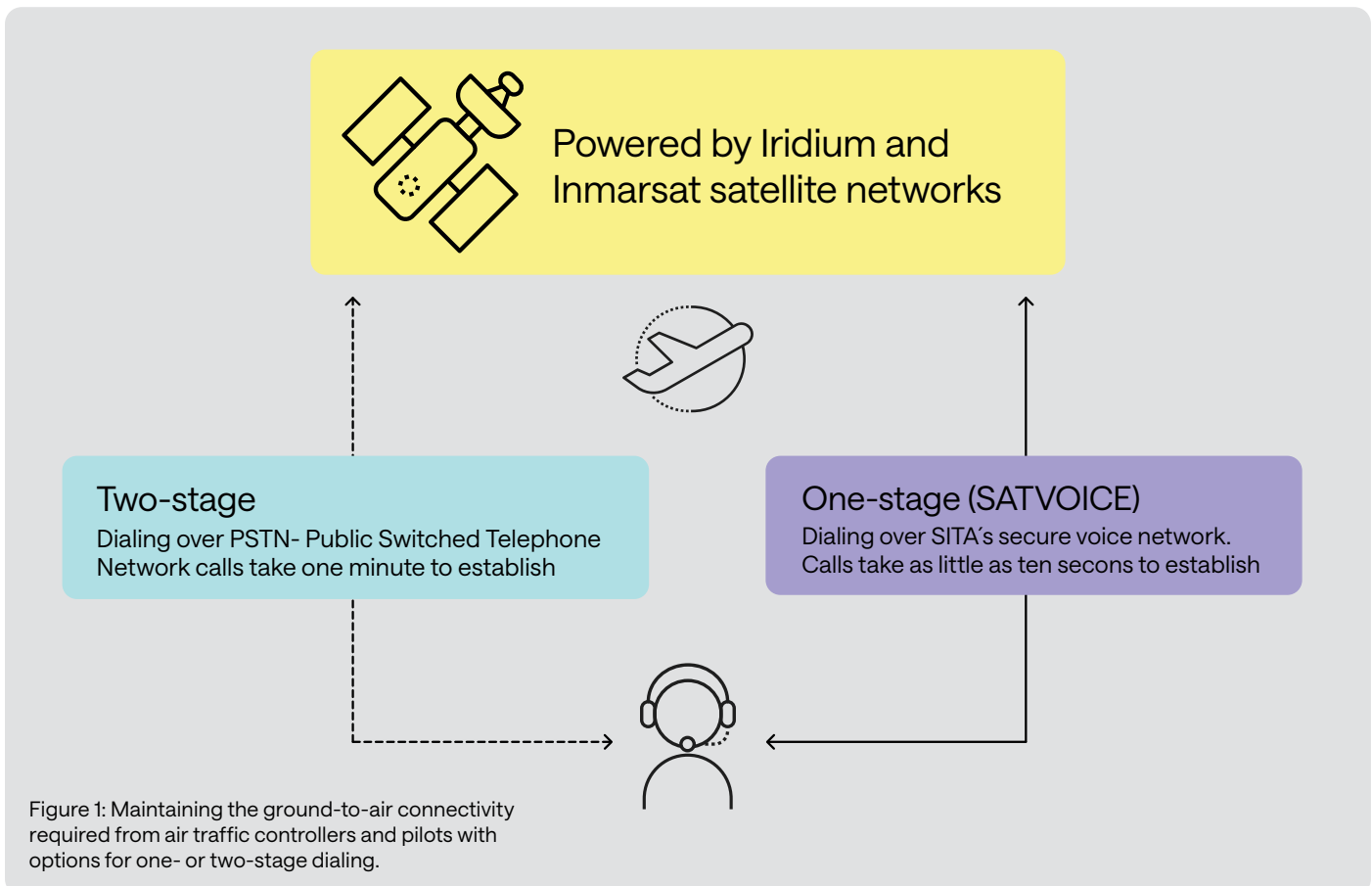
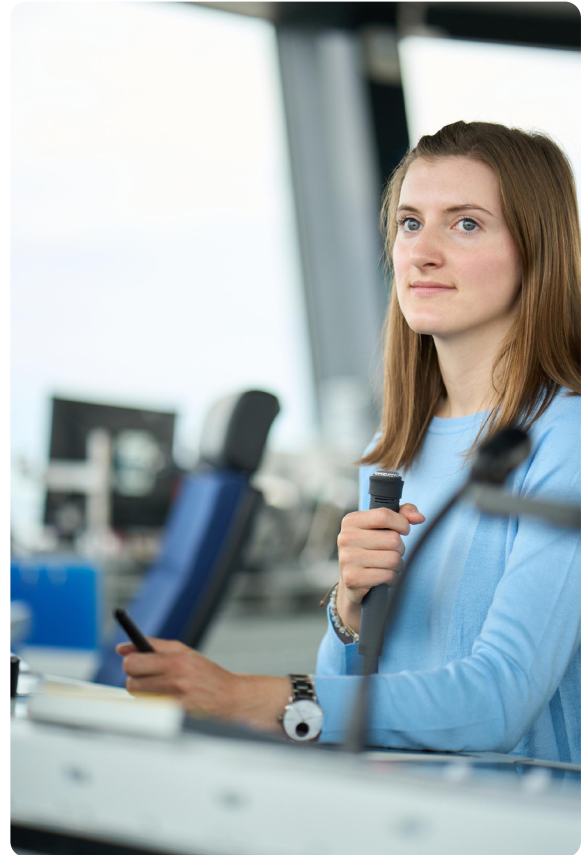


Figure 1: Maintaining the ground-to-air connectivity required from air traffic controllers and pilots with options for one- or two-stage dialing.

One-Stage Dialing: Faster, Simpler Communication

SITA ATS SATVOICE simplifies the establishment of voice communication between air traffic controllers and aircraft. Traditional systems require a slow, two-stage dialing process over public switched telephone networks (PSTN). SITA's one-stage dialing solution bypasses these delays by routing calls directly through a private IP network, allowing connections to be made in seconds.



Why we lead ATC Voice Communication

At SITA, we're more than a service provider—we're your partner in the digital transformation of air traffic management. We develop, operate, and maintain our ground-to-air voice platform, ensuring the highest quality service and the ability to add new, value-driven features continually. Our service is monitored around the clock, with multilingual support available 24/7, ensuring any issues are proactively managed and quickly resolved.

As active members of the ICAO Communication Panel, we contribute to the SATVOICE Project Team, helping to shape the future of Required Communication Performance (RCP) standards. Around the world, ANSPs are already benefiting from our satellite voice services. For instance, NAV CANADA has reported outstanding results with ATS SATVOICE, with air traffic control officers praising the crystal-clear, fast connections.

The Benefits of SITA ATS SATVOICE

01

Clear and Quick Communication: High-quality satellite communication ensures that pilots quickly understand and respond to ATC instructions, enhancing operational efficiency and safety.

02

Global Coverage: Our service provides superior coverage to traditional HF or VHF systems, ensuring reliable communication in even the most remote regions.

03

Seamless Management and Integration: Our platform manages calls securely and integrates effortlessly into existing systems, reducing workload and boosting efficiency.

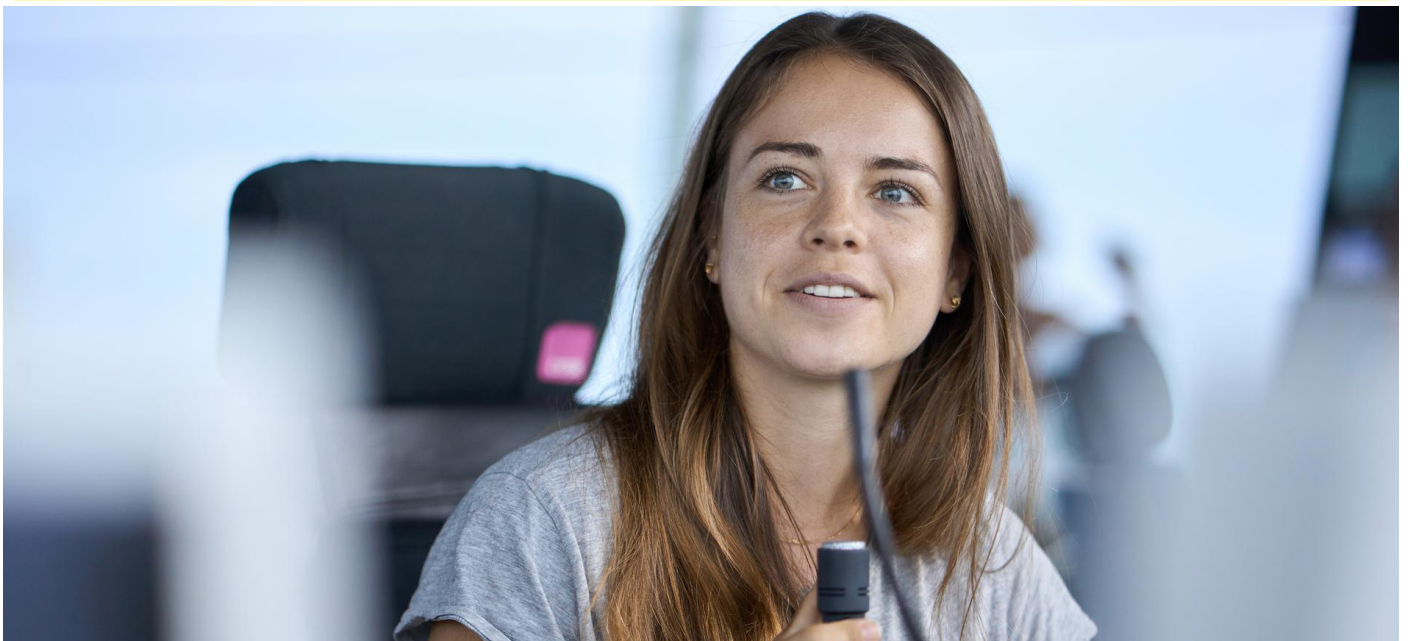
04

Reduced Separation in Remote Airspace: Quick, direct communication helps reduce aircraft separation in challenging environments, optimizing airspace utilization.

05

Performance Monitoring: SITA ATS SATVOICE logs provide valuable insights into communication performance, helping improve safety and efficiency.

SITA's solutions are designed to meet your needs, whether reducing costs, enhancing ATC procedures, or enabling secure, real-time data exchange. With SITA, you get the complete package—a reliable, innovative communications ecosystem crafted by industry experts.





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