

# Into the cloud with Axinom

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Onboard Wi-Fi has not only revolutionized the way personal devices are used for connectivity and entertainment; the onboard network has also opened the doors for IoT (Internet of Things) and smart devices.

The next step will be high-performance, low-latency connectivity via LEO (Low Earth Orbit) satellite links, which will change the architectural landscape in terms of over-the-air (OTA) updates and messaging, connectivity, entertainment and smart devices on an aircraft and in the cloud. We will see how the power of the cloud combined with inflight services will enable new efficiencies and innovation at an unprecedented pace.

This shift will not only enhance passenger experiences but also streamline operations across the board. By leveraging LEO satellite links, aircraft will be able to process real-time data exchanges with the ground, creating new opportunities for OTA updates that keep systems up to date without the need for downtime. This will unlock greater reliability, ensuring that everything from inflight entertainment to IoT-driven maintenance checks run seamlessly.

Cloud-based platforms will be at the heart of this transformation, offering scalable solutions for managing complex workflows like content delivery, secure messaging and smart device connectivity. These platforms will allow airlines to automate and optimize inflight services, reducing manual

processes and ensuring that updates and enhancements can be rolled out at anytime, anywhere in the world. As the demand for connectivity and data grows, solutions that

can bridge onboard networks with cloud infrastructure will be critical. Those that excel at integrating secure media management, OTA updates and real-time communication will lead the way in shaping the future of aviation technology.

This integrated approach will empower operators to offer enhanced, personalized services to passengers, while increasing operational efficiency.

The future of inflight services will be defined by smart, adaptable platforms, built to support the ever-growing needs of a connected aircraft.