

INVOLI Enhances Global Airspace Surveillance with KORE's Reliable Connectivity Solutions

Company Overview

INVOLI is a Swiss-based company specialising in affordable airspace surveillance solutions. Operating on a global scale, INVOLI provides real-time, low-altitude surveillance data that enhances safety, security, and compliance for drone operators, small and medium airports, and infrastructure managers. Utilising unique technology, INVOLI enables Beyond Visual Line of Sight (BVLOS) drone flights, optimises airport operations, and ensures robust airspace monitoring around critical infrastructure.

The Challenge

INVOLI was confronted with the challenge of the lack of affordable, low-altitude airspace surveillance. This gap is critical for BVLOS drone operations, small airports, and infrastructure managers, as existing surveillance solutions are prohibitively expensive and primarily focused on high-altitude monitoring. This left many airspace users underserved and struggling to meet operational and regulatory needs.

INVOLI required reliability, comprehensive coverage, and strong integration capabilities. Key requirements included redundancy in carriers (multiple carriers for the same geographical area), robust assistance, and cost-effective pricing. These criteria were essential to ensure consistent, real-time data transmission and effective airspace surveillance across diverse locations.

“ We are extremely satisfied with our partnership with KORE. Their reliable, high-bandwidth solutions and streamlined management platform have significantly enhanced our operational efficiency and reduced costs, ensuring seamless global connectivity for our airspace surveillance needs. ”

MANU LUBRANO, PH.D., CEO & CO-FOUNDER

The Solution

INVOLI chose to partner with KORE due to their reliability, extensive coverage, and strong integration capabilities. KORE's standout features included the ability to provide redundancy with multiple carriers in the same geographical area, exceptional assistance, and competitive pricing. These factors were crucial in ensuring seamless and effective airspace surveillance for INVOLI's operations.

INVOLI implemented KORE's OmniSIM Rush eSIM solution to address their unique IoT application needs, which necessitated substantial data transfer for multilateration. These solutions provided the necessary large bandwidth and redundancy with multiple carriers, ensuring reliable, real-time data transmission.

Results

The implementation of KORE's OmniSIM Rush resulted in significant benefits for INVOLI. This included ease of use for SIM Provisioning and a unique platform to manage all connectivity needs with global operations. The streamlined processes ensured reliable, high-bandwidth connectivity, enhancing the efficiency and effectiveness of INVOLI's airspace surveillance operations.

INVOLI is still in the initial phase of deployment and product commercialisation, however, the INVOLI reports satisfaction with the current performance of the solutions provided by KORE.



Conclusion

Through its partnership with KORE, INVOLI has successfully addressed the critical challenge of affordable, low-altitude airspace surveillance. The reliability, extensive coverage, and strong integration capabilities provided by KORE's solutions have enabled INVOLI to enhance its operations and deliver robust airspace monitoring, benefiting drone operators, airports, and infrastructure managers globally. Although still in the early stages, INVOLI is confident in the ongoing and future benefits of this collaboration.

About KORE

KORE is a pioneer, leader, and trusted advisor delivering mission critical IoT solutions and services. We empower organizations of all sizes to improve operational and business results by simplifying the complexity of IoT. Our deep IoT knowledge and experience, global reach, purpose-built solutions, and deployment agility accelerate and materially impact our customers' business outcomes. For more information, **visit www.korewireless.com**.

About INVOLI

INVOLI is the leading provider of hardware and software solutions for air traffic detection and visualisation. Our mission is to safely and efficiently open the sky to all flying objects, as a universal and connected medium for businesses. For more information, **visit www.involi.com**.

