CORNING

Wireless Networks:
4 Things Every Airport Operations Team Should Know

Contents

Click this icon   on each page for more information

HAVING A STRONG
WIRELESS
NETWORK IS A
MUST

UNLOCKING THE FUTURE
Elevating Airport Connectivity with Everon® Distributed Antenna System 6000

In a world swiftly moving towards digital changes, having strong and modern wireless networks in airports is no longer just a luxury – it's a must. As we approach the 5G revolution, having reliable and fast connections within airports is crucial. For those running airports, deciding to upgrade to a better wireless network is not just about keeping up with technology trends; it's about getting ready for the future, making operations smoother, and giving passengers a better experience.

Products like the Everon® 6000, Radio Nodes, and Millimeter Wave Small Cell are key in making this change. The Everon® 6000, with its high capacity and broad coverage, is a great solution for busy airports, ready to handle large amounts of data traffic and ensure smooth connections during busy times.

Similar to how healthcare organizations are realizing the need to build their own 5G setup for their patients and staff, airport management teams should also see the benefits of a dedicated wireless network. The challenges of running an airport, with its complex operations and logistics, require a fast and reliable network that can support real-time data sharing, advanced security measures, and various passenger services.
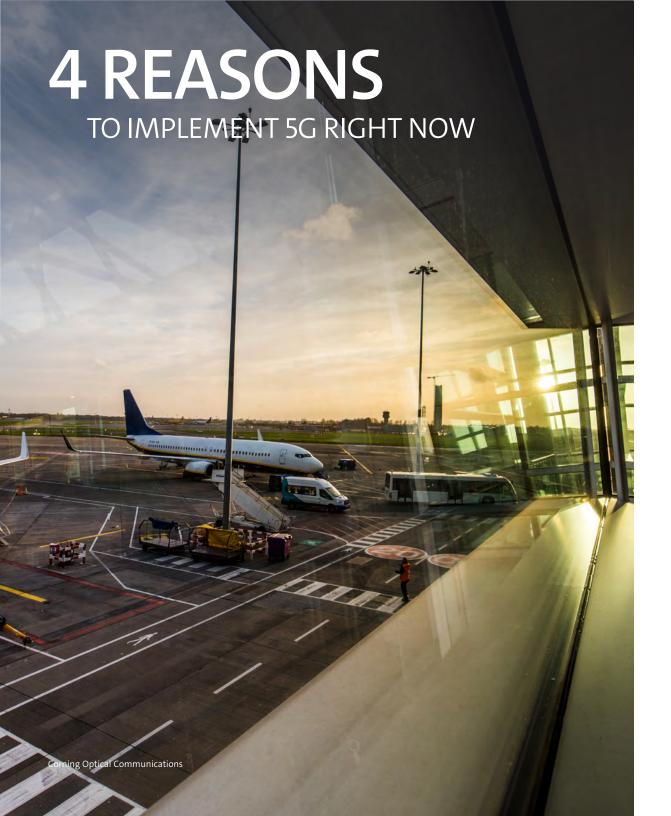
As the number of passengers increases and the demand for digital services grows, the weaknesses of existing wireless infrastructure become more obvious. On average, each traveler uses 44 MB of data every time they're in an airport. Small improvements won't be enough given the big changes coming with 5G technology. Considering that more than half of airport travelers connect to Wi-Fi using their cell phones – and another 24% with their laptops – having adaptable wireless technology is crucial.

THE
EVERON® DAS 6000
IS PARAMOUNT
FOR AN **AIRPORT'S**
DAILY OPERATIONS

4 REASONS
TO IMPLEMENT 5G RIGHT NOW

Enhancing airport connectivity through advanced wireless networks, exemplified by innovative solutions such as the Everon® 6000, offers a multitude of benefits that transcend traditional operational boundaries. The integration of these technologies is paramount for airports seeking to streamline their daily operations, improve safety and security measures, elevate the passenger experience, and drive data-driven decision-making.

In this exploration, we delve into four compelling reasons why investing in a robust wireless network, particularly leveraging cutting-edge solutions like the Everon® 6000, is pivotal for airports navigating the demands of the modern travel landscape. From optimizing ground operations to fortifying security protocols, these advancements usher in a new era of efficiency, safety, and passenger-centric services.

BETTER OPERATIONS

Installing wireless network solutions like the Everon® 6000 can simplify many everyday airport operations, from handling baggage to maintaining aircraft. This technology allows instant communication and data sharing, reducing the downtime of assets and personnel.

IMPROVED **SAFETY AND SECURITY**

Advanced wireless networks can support high-tech security measures such as facial recognition, real-time surveillance, and smart alarm systems. These features can help identify and prevent potential security threats.

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SMOOTH PASSENGER **EXPERIENCE**

A modern wireless network can enable various digital services that enhance the passenger experience, like digital navigation and real-time updates on flight status and baggage claim.
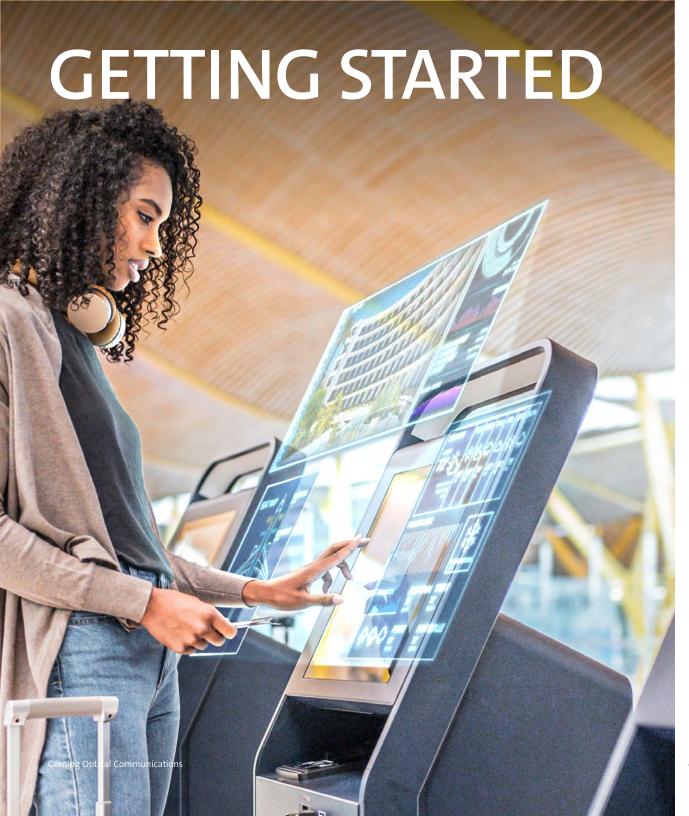
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DATA DRIVEN DECISIONS

A wireless network can help collect valuable data about airport operations and passenger behavior, which can be analyzed to make informed decisions and develop improvement strategies.

YOUR
WIRELESS JOURNEY REQUIRES
STRATEGIC STEPS

GETTING STARTED

Starting the wireless network transformation journey involves strategic steps for seamless integration and optimal performance. Evaluate your current infrastructure, engage with different airport departments to understand connectivity needs, and secure strong leadership support. Identify a champion who recognizes the value of advanced wireless connectivity. Meeting with potential tech providers offering solutions like the Everon® 6000 is crucial to align the solution with your specific challenges and goals. Building a collaborative team with key stakeholders and exploring flexible, scalable technologies will ensure a successful wireless network transformation.

GET STARTED

6 THINGS YOU CAN DO

Learn more by clicking the icons below

TO GET YOUR **5G JOURNEY STARTED RIGHT**

A WIRELESS-FIRST DESIGN DELIVERS A FUTURE-PROOF NETWORK

READY TO BEGIN?

In the 21st century, airports are becoming technologically advanced places where wireless connectivity is as crucial as any other utility. Passengers need reliable connectivity for everything from checking flight status to navigating terminals. Airport staff also need dependable wireless signals for effective communication, managing operations, and providing superior service.

Implementing a wireless-first design with a fiber to the edge (FTTE) setup delivers a future-proof network at a low cost for airports. While providing 5G today, this high-performance in-building fiber will support emerging technologies in the future, ensuring the lowest cost of ownership in the long term. It's crucial for airports to invest in this advanced infrastructure now to meet the demands of the present and be well-prepared for the future.

IF YOU'RE READY TO BEGIN

Click here to let us guide you on your 5G journey.