

NetMotion helps get Fraport's 45-minute aircraft turnaround initiative off the ground

The Challenges

Leading international airport management company Fraport owns and operates Frankfurt Airport, one of the world's busiest international transportation hubs. Serving nearly 61 million passengers a year and operating the highest cargo traffic rate in Europe, the company launched an initiative to reduce turnaround times to 45 minutes per aircraft. But first, Fraport needed to overcome brittle Wi-Fi and cellular connections causing devices to switch to private cellular networks that workers' applications couldn't handle. This compromised worker safety, as many tried to fix connections while driving. Dropped connections also posed security risks, making it difficult to monitor the 5,000 acre property.

The Solution

Fraport deployed NetMotion for 700 of its employees using CF31 Toughbooks and G1 Toughpads, giving its workers rock-solid transitions between Wi-Fi access points and cellular networks throughout the vast facility. "Our goal was to make it very easy for workers to use the rugged devices," a Fraport spokesperson said. Workers can now roam between networks without issues, allowing them to completely focus on their duties. Drivers now access more accurate pick-up information, baggage handlers receive more complete cargo routing plans and optimal loading instructions, and security staff can now scan personnel badges more efficiently.



We wanted their attention on driving, not on authenticating.

- Fraport spokesperson

Fraport now uses NetMotion's network roaming reports to enable data-driven decision-making and give them an advantage when communicating with their mobile data provider. If, for instance, they see a high incidence of roaming to the Wi-Fi network at a specific time, staff can infer that a problem may exist with the cellular network. Fraport also uses NetMotion to implement traffic-friendly policies such as assigning large anti-virus updates to download only via Wi-Fi, or prioritize core applications over other traffic.



The IT department has received zero trouble tickets related to application crashes or connectivity issues. NetMotion solved our problems.

- Fraport spokesperson

The Results

Fraport employees can now move freely between Wi-Fi and cellular networks, confident in the continuity of their applications and data, resulting in a safer facility. These changes have contributed to Fraport's goal of achieving a 45-minute turnaround time with more of its aircraft.

- Eliminated application crashes, keeping airport workers on task and more productive
- Seamless roaming between networks allows employees to focus on driving rather than fixing their connections, making the tarmac a safer place for everyone.
- Zero mobile connectivity-related trouble tickets
- Prioritized network traffic makes core applications always available, while software updates are pushed out to devices only over Wi-Fi networks

For more NetMotion case studies: [CLICK HERE](#)

To learn more about NetMotion: [CONTACT US](#)