



2021

Protecting vital national aviation infrastructure

Kaspersky Threat Intelligence Services provides the latest and most authoritative cyber security data and analysis enabling Munich Airport to stay ahead of cybercriminals.

Munich Airport is used by almost 50 million passengers each year and is the first to achieve the prestigious five-star status from air transport rating organization Skytrax Institute.



Aviation

- Country: Munich, Germany
- Using Kaspersky Threat Intelligence Services

Before COVID-19 impacted air travel, each year more than 100 airlines operated from Munich to 250 destinations in 75 countries and passenger numbers had increased by more than 300% in less than 30 years.

Located just 30 minutes travel time from the capital of Bavaria, the hub airport provides employment for more than 38,000 people, working in more than 500 businesses. Given the region's famous love of beer, it's no surprise that Munich is the only airport in the world with its own on-site brewery!

Challenge

Given the size, complexity and critical infrastructure role of a major airport like Munich, maintaining a sophisticated and comprehensive IT security profile is a top priority.

Customers, airlines, retailers, emergency services, airport administrators and numerous other support organizations all rely on live data, and fully functioning IT systems, to keep airport traffic moving smoothly and safely to its destinations.

The high profile and economic value of airports makes them obvious targets for cybercriminals looking to disrupt air transport, steal data or extort money by targeting IT systems or individual employees. At Munich, the campus is effectively the size of a small town, covering more than 15 square kilometers.

As a result, Head of Airport and IT Security, Marc Lindike and his team are constantly looking to reinforce the airport's security capabilities and profile.

"It's particularly important for us to have as much advanced warning as possible about the global threat landscape, so that we can take informed, proactive action to help protect the thousands of people here who rely on their IT.

"To achieve this, we need access to the latest and best information and analysis available, from the most trusted and reliable sources."

The Kaspersky solution

In 2018, discussions began between Marc Lindike and Kaspersky's German team to identify those cybersecurity services that could help bolster the airport's defenses.

As a result, a trial of key components from Kaspersky's Threat Intelligence portfolio began, enabling Marc Lindike and his team to fully assess performance, suitability and cost effectiveness.

Advanced Persistent Threat (APT) Intelligence Reporting delivers exclusive, proactive access to Kaspersky's current investigations and insights, revealing the methods, tactics and tools used by cybercriminals.

"Kaspersky's Threat Intelligence Services helps us get a much more complete picture about the worldwide threat landscape and how Munich Airport could be affected."

Marc Lindike, Head of Airport and IT Security, Munich Airport



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Because APTs are among the most dangerous and complex categories of cyberattacks, Kaspersky's reports detail how each attack works, where they originate and what kind of infrastructure is likely to be targeted.

Indicators of Compromise – pieces of forensic data unearthed by Kaspersky experts – provide organizations like Munich Airport with direct actionable intelligence to enable them to strengthen their firewalls and other intrusion detection systems.

Marc Lindike and his team also trialed and purchased Kaspersky Threat Lookup, enabling real-time searches of huge volumes of data, collected, categorized and analyzed by Kaspersky, providing global visibility into threats and their interconnections. Here, the user can upload suspicious files or objects for analysis and receive all relevant information about the items that Kaspersky has captured over decades.

Finally, Munich Airport subscribed to a range of Kaspersky Threat Data Feeds, providing live updates every 10 minutes, 24/7, on the latest, emerging malware threats and other suspicious activity.

More complete picture of worldwide threats

Masterminding these services is Kaspersky's Global Research and Analysis Team (GReAT), recognized worldwide for providing invaluable insights into some of the most notorious threat actor campaigns.

GReAT provides continuous reporting on tactics and instruments used by cybercriminals in high-profile cyberespionage campaigns, with cross-sector targeting, helping to countermeasure even the most sophisticated attacks.

Kaspersky experts, the most skilled and successful APT hunters in the industry, provide immediate alerts about any changes they detect in the tactics of cybercriminal groups.



Secure

Keeping vital international infrastructure fully functioning



Control

Easy access to data and analysis, via bespoke portal



Performance

Kaspersky's GReAT is recognized as one of the best in the world

After being impressed by the results of the trials, Munich Airport confirmed a long-term contract with Kaspersky to provide its Threat Intelligence Services to protect the entire IT infrastructure of the airport authorities, airlines, retailers and all other organizations located onsite.

Marc Lindike says: "Kaspersky Threat Intelligence Services plays a very important role in helping us protect everyone working here at Munich Airport against cyberattacks. It helps us get a much more complete picture about the worldwide threat landscape and how Munich Airport might be affected.

"The Threat Intelligence Portal provides easy and comfortable access to Threat Data Feeds, APT reports and the Threat Lookup service, as well as helpful API (Application Program Interface) and tools to implement automated data processing into our existing security solutions."

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