

# M86 Security Delivers Top-Flight Web Security to Munich Airport

**Client:**

Munich Airport International

**Web Site:**

<http://www.munich-airport.de/en/consumer/index.jsp>

**Requirements:**

Web Filter and Reporting

**Filtering Solutions:**

M86 Secure Web Gateway

“A secure IT infrastructure is paramount to ensure efficient operations and to enhance our passengers’ overall experience”

Marc Lindike,  
Vice President Operations and Services  
Munich Airport

## BACKGROUND

The Franz-Josef-Strauss-Airport in Munich is the second largest airport in Germany. For the second year in a row, in 2006 this international airport was named the best airport in Europe from an international survey of more than seven million passengers from 93 countries.

Munich Airport continues to play a central role in Bavaria’s economic development. Geographically situated in the center of the world’s largest market, the European Union, Munich Airport serves as a major transportation hub for Germany and the rest of Europe. In terms of air traffic, the airport handles approximately 400,000 take-offs and landings per year, while approximately 30 million passengers are dispatched annually.

Munich Airport depends on an extensive and complex network of information systems to manage logistics, baggage transfer, catering services and cleaning crews for its high-volume operations. If any of these systems were to shut down, flights could be delayed and passengers’ baggage might be lost. Passport control, customs and immigration systems must all work in sync to allow busy passengers and cargo shipments to stay on schedule.

Accordingly, Munich Airport has very demanding security and availability requirements for its IT systems, which must remain online at all times to ensure the efficiency of its daily operations.

## BUSINESS CHALLENGE AND REQUIREMENTS

Downtime of information systems, due to any reason, can wreak havoc with flight schedules and spoil the passenger experience. High availability dictates proactive security, since Web-based attacks (e.g., Denial of Service attacks) and undetected malicious code may compromise information systems and crash user terminals.

“We required a proven solution that ensures the highest level of security against Web attacks, known and unknown, which often elude traditional security measures,” stated Marc Lindike, Vice President of Operations and Services at Munich Airport.

Many of the airport’s business-critical applications use Active Content technologies (e.g., JavaScript, VB Script, ActiveX, Java Applets) to display and update dynamic information. Unfortunately, these same Active Content technologies are often used by hackers to drive sophisticated Web-based attacks, such as spyware, phishing, Trojans and malicious code. **To secure its IT infrastructure without impairing business operations, Munich Airport required an intelligent solution that could differentiate between legitimate and malicious Active Content.** It also needed the ability to create granular and specific security policies for different user groups.

Munich Airport maintains a common application data connection among the Customs Authority, Police, Immigration Authority and Ministry of Interior to enable efficient transfer of data. The security of this connection is crucial to ensure data privacy and to enable safe information transfer.

“M86 real-time code analysis technology has been invaluable to us in blocking malicious code embedded in Active Content, keeping our critical information systems free from Web threats.”

Marc Lindike  
Vice President Operations and Services  
Munich Airport

## ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry's leading Secure Web Gateway provider. The company's appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 24,000 customers and over 17 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advanced threats, secure confidential information, and ensure regulatory compliance. The company is based in Orange, California with international headquarters in London and development centers in California, Israel, and New Zealand.

## M86 SECURE WEB GATEWAY

After a comprehensive evaluation phase involving several different vendors, Munich Airport chose to work with M86 Security and its local reseller, Controlware. The M86 Secure Web Gateway appliance blocked all of the attack scenarios created by Munich Airport in the evaluation phase. This proven and comprehensive web security solution features patented behavior-based technology to proactively detect and block known and unknown malicious web threats at the Internet gateway.

A satisfied M86 customer since 2002, Munich Airport migrated its initial software-based solution to the M86 Secure Web Gateway appliance, SWG 3000, in 2005. Deployed at the Internet gateway, three SWG 3000 appliances currently support the airport's 1,500 users in a high availability configuration. These “all-in-one” appliances feature M86's patented behavior-based security, Vulnerability Anti.dote™ and anti-spyware engines, as well as Sophos' fully integrated anti-virus engine. The M86 Security solution is deployed across the complete IT infrastructure at the airport, securing a wide array of systems.

M86 patented real-time code analysis technology is uniquely capable of inspecting Active Content objects in realtime (regardless of its source), breaking down the code and understanding its true intent without executing it. As a result, M86's solution can identify Active Content that is about to perform a malicious or suspicious operation and block it at the perimeter, before it begins to run on the target computer. Moreover, M86 offers the only solution capable of preventing unknown and targeted attacks, since it does not rely on signatures or database updates.

The M86 Secure Web Gateway appliance is designed to meet the high availability needs of enterprises. Redundant scanners, as well as cached configurations and policies, ensure zero downtime of Munich Airport's critical systems.

## TRY BEFORE YOU BUY

M86 Security offers free product trials and evaluations. Simply contact us or visit [www.m86security.com/downloads](http://www.m86security.com/downloads)



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