



Nyotron's Managed Defense Services El Al Airlines Case Study

The Cyber War is Becoming Airborne

El Al Airlines, Israel's national carrier enhances their security posture with Nyotron's Managed Defense Services powered by their PARANOID endpoint protection platform.

As part of its strategic approach to protect against its computing and communications systems from cyber attacks, El Al has implemented Nyotron's security solutions.

In addition to relying on PARANOID to protect their most valuable assets, El Al will be monitored by Nyotron's Managed Defense Services via our Global War Room, which provides monitoring, intelligence, activity management, and crisis response for many high-profile organizations, such as a major US urban law enforcement agency, leading Israeli banks and other international entities.



MANAGED DEFENSE SERVICES AND OUR GLOBAL WAR ROOM

The Nyotron Managed Defense Services are delivered via our Global War Room (GWR) sites in Israel and the US, providing 24/7 real-time monitoring, intelligence and alerting of your endpoint activity by leading cyber security experts in dealing with security incidents and investigation services. The GWR also provides a response team during special incidents. This service benefits all organizations that do not have enough people resources, security operations or expertise in the cyber domain.

Nyotron's PARANOID solution addresses the biggest challenge in today's digital era - to effectively deal with both current and future emerging threats - while knowing nothing about them. This unique threat-agnostic approach is proven to successfully deal with APTs (Advanced Persistent Threats), Ransomware, malware and any zero hour threats as well as threat methodologies and attacks that haven't been created yet by leveraging our patented Operating System Behavior Pattern Mapping technology.

In 2015, El Al Airlines recorded revenues amounting to nearly \$2.1 billion. El Al Airlines carries about 5 million passengers a year. The company operates flights to about 34 direct destinations around the world and many other destinations by means of cooperation agreements with other airlines, thus it currently operates 43 aircrafts, 28 of which are owned by the Company.



Nyotron Security

2880 Lakeside Drive
Suite 237
Santa Clara, CA
95054
+1.408.780.0750
www.nyotron.com



Ofer Tsabary, El Al Airlines Chief Information Officer, talks about choosing Nyotron, and the project's success. "As the Israeli national carrier, El Al operates at dozens of sites in Israel and around the world, and provides services to millions of travelers each year. We are constantly reviewing the defense mechanisms of our operations systems and online customer services, while focusing on technological innovation, operational efficiency, and providing a reliable service to our customers.

We have found that Nyotron's solution works very well with the multiple defense systems that El Al has in place, and adds significant capabilities in terms of identifying and preventing new, unknown threats. On the operations side, we have incorporated Nyotron's 24/7 GWR control center, which also provides expert services. Nyotron's Global War Room provides us with early alerts and anomaly detection, and blocks threats, with which traditional defense systems may not detect. The security system is deployed at thousands of stations around the globe, and each new station is immediately protected once it is installed and connected to the network. The project was executed by El Al's Computing and Communication Infrastructure Branch, and took about 3 months."

"The addition of this innovative defense layer has significantly improved our defense against unknown threats, with a favorable cost/benefit ratio. As far as we are concerned, the application is very successful and has proven itself, and we are very proud of this innovative project."



For us, there is now an exciting alignment between the market trend and what Nyotron has been saying for years," says Gaist, and explains: "The first alignment is that Nyotron is the only company in the world that provides a solution to the fundamental problem of preventing the damage from unknown threats. The market is now ready for implementing strategic solutions, instead of multiple point solutions, which solve only a small portion of the challenge. The second alignment is that the market is looking for solutions that provide a quick return on investment, and our service model fulfills this need."

About Nyotron

Nyotron is a privately held cyber security firm based in Silicon Valley and Israel that has developed a disruptive next-generation technology to cope with the biggest challenge of today's digital era – the unknown threat. Our PARANOID endpoint solution is based on this paradigm-changing technology and designed to prevent the most targeted and advanced national-level cyber attacks. Based on a unique last line of defense approach, our technology is designed to mitigate threats that were able to outsmart all security layers. Unlike any existing approach, PARANOID is the first ever threat-agnostic technology. Without any previous knowledge about the threat or its methodologies, PARANOID's protection is efficient against the most sophisticated threats, be it a threat that was not even invented yet. Nyotron is already serving customers worldwide, including leading banks, government defense agencies, public sector agencies and health care centers.



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