

THE BUSINESS

The largest telecommunications group in Israel offers the full range of telecom services, fixed such as landlines, transmission, and more. The provider's fixed line infrastructure comprises a next-generation FTTC (Fiber to the Curb) network, approximately 2.3 million access lines and tens of thousands of fiber-optic lines, allowing for the delivery of a full range of value-added services.

Industry

Telecommunications

Location

Israel

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Security Team Leader

THE NEED

The provider was looking to augment its existing network security solutions with a reliable, effective, easy-to-deploy solution that could identify and neutralize zero-day threats inside the company's engineering network.

WHY LIGHTCYBER MAGNA?

- **Magna** monitors all internal network traffic, profiles normal behavior of all users and endpoints, detects deviations that could represent suspicious activity
- **Magna** significantly tightens network security, discovering previously-undetected threats, notably zero-days and other APTs
- **Magna** offers simple deployment and rapid roll out enterprise-wide

THE RESULTS

- The first product in the provider's security portfolio to focus specifically on network traffic, LightCyber **Magna** helped the provider's security team discover many network threats
- Specifically, **Magna** helped the provider identify servers that were performing suspicious activities
- Rolled out in two working days, **Magna** began delivering focused results in less than a week

WHAT THEY'RE SAYING

"LightCyber was one of the easiest implementations of a security product that I have ever seen. Within just days, the product was providing focused alerts on threats we hadn't previously known about."

THE STORY: THE CHALLENGE

A major national telecommunications provider with a cutting-edge subscriber network was looking to add an additional layer of security to its portfolio. Specifically, the company was seeking an easy-to-deploy, enterprise-wide solution that would help it deal with zero-day threats and other Advanced Persistent Threats (APTs).

THE STORY: THE SOLUTION

The provider chose LightCyber **Magna** to identify and neutralize zero-day threats inside the corporate network.

The **Magna** Detector appliance was installed and operating within one day, and is connected to both the main office backbone and through remote switches, in order to track activity in other offices. **Magna** monitors the internal operational telecommunication infrastructure network, profiling the normal behavior of engineering personnel and detecting subtle behavior deviations that could represent suspicious activity.

Immediately following deployment of the Detector, within less than a week, **Magna** started to show suspicious network activities. The provider has also used LightCyber **Pathfinder** in order to determine the root cause of the activities that LightCyber **Magna** discovered.

