

### CASE STUDY

# ECI Telecom Ltd

### DESCRIPTION

One of the world's leading providers of telecom equipment

### LOCATION

Israel

### OVERVIEW

ECI Telecom is a leading provider of telecommunications solutions. The company's almost 2000 employees, located in offices around the world, work in tandem with suppliers and strategic partners to serve hundreds of communications service providers around the globe. With so many distributed sites and users, ECI needed a flexible, scalable solution that could actively protect the organization from the growing threat of advanced malware and Advanced Persistent Threats (APTs) as rapidly as possible.

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**Dor Liniado**  
Information Security Manager

### THE CHALLENGE

ECI is constantly improving their security posture with state-of-the-art solutions. Last year the Security Operations Team decided to ramp up their defenses against advanced malware, zero-day attacks, and APTs. As a large provider of equipment, solutions, and services with offices and employees all over the globe, the company understood that remote employees and partners could be especially vulnerable. To compound the challenge, users were accessing corporate assets from a full range of desktop and mobile endpoints. ECI turned to Seculert's cloud-based automated breach detection platform because it could rapidly discover advanced threats across all global remote users and endpoints, without the installation of any software or hardware.

### THE SOLUTION

ECI began by deploying Seculert's Botnet Interception module. In less than ten minutes, they defined all of the external facing domains as well as web-based portals in the Seculert dashboard. Seculert began reporting and quickly identified an infected endpoint that ECI could not detect using their existing network security technologies. The Security Team immediately blocked the botnet on their firewalls and took the infected endpoint offline. "Without installing any software or hardware, Seculert instantly provided a new level of advanced threat protection for all of our employees, including remote sites and users. We quickly decided to make Seculert a central part of our advanced threat protection strategy," said Dor, Information Security Manager.

ECI uses Seculert's Botnet Interception results to enhance the processes of the Security Operations Center (SOC). As soon as a threat is detected, Seculert sends an email alert to the SOC team which immediately springs into action. With the detailed forensics provided by Seculert, the SOC team updates ECI's firewall policies to block the IP addresses of the command and control crime servers (C&C).

"The solution is extremely easy to use and the team did not require any special training," said Dor, "and the return on investment was almost instantaneous."

### THE BENEFITS

In the Seculert Platform, ECI found the combination of scalability and flexibility that they needed to protect many different users, sites, and endpoint types. Since there were no appliances or software to install, and virtually no professional training required, the security team began to see a return on their investment right away, with detection of the first compromised user.

Around the clock, Seculert enables ECI to immediately identify compromised users no matter where they are located and regardless of the device used. Seculert provides the forensics information that they need to block further attacks of the same variety. The user-friendly dashboard lets security professionals respond from any web browser to rapidly remediate threats.

#### Seculert Benefits for ECI:

- Detects threats that have gone undetected by traditional security solutions
- Detects compromised endpoints and devices no matter where they are located
- Enables employees to use their own devices without the need to install any agent or software
- No purchase required of additional on-premises device in any office
- Timely intelligence and detailed forensics
- Quick and easy to deploy
- No specialized training required

#### United States

2880 Lakeside Drive, Ste 228  
Santa Clara, CA 95054  
Tel: +1 408 560 3400

#### Israel

6 Efal Street, P.O. Box 3970  
Petach Tikvah, IL 4952801  
Tel: +972 3 919 3366

#### www.seculert.com

Toll Free (US/Canada): +1 855 732 8537  
Tel (UK): +44 203 355 6444  
Fax: +972 3 919 3636

