



Chantecler – Leading Italian Jewelry Brand



Overview

Industry

- Retail

Challenge

- Intelligent cyber adversaries
- Inadequate legacy tools
- Incomplete network visibility
- Insider threat

Results

- Real-time threat detection
- 100% network visibility
- Ability to carry out in-depth investigations and risk-mitigation
- Increased efficiency in handling issues

Business Background

Chantecler is one of the leading jewelry brands in Italy, established on the island of Capri in 1947. The family-run business now boasts six boutiques in Italy, Japan, China and Kazakhstan, bringing its high-end jewelry collection around the world. The company values tradition and the historic roots of its brand whilst continually developing new designs and modern collections.

“The machine learning aspect of the technology is fantastic. We have been alerted to information that we would never have found out otherwise.”

Claudio Nasti, IT Manager, Chantecler

Challenge

Chantecler had been looking for a cyber security solution capable of defending its network from the latest, most advanced cyber-attacks. The company designs, produces and distributes its own jewelry onsite in Italy, and, as such, places the utmost importance on defending its digital assets and intellectual property against cyber adversaries.

As well as the threat posed by malicious outsiders trying to infiltrate its network, the retailer was concerned about insider threat. With a global workforce, connected by a large, dynamic network, the potential for an insider’s access to be exploited, by the employees themselves or not, is high.

Chantecler needed a technology capable of providing complete network visibility, something unachievable with legacy tools. This would provide the retailer with a better understanding of employee behavior and the ability to spot suspicious behavior and vulnerable devices, which may be indicators of future cyber-attack.

Solution

Chantecler completed a 4-week Proof of Value (‘POV’) with Darktrace’s Enterprise Immune System. The self-learning technology is inspired by the biological principles of the human immune system and powered by machine learning and mathematics developed by specialists from the University of Cambridge.

The technology is installed as an appliance, in under an hour, and immediately begins to model the behaviors of all users, devices and the network as a whole to establish a ‘pattern of life’. Its dynamic and adaptive understanding of what is normal activity allows the Enterprise Immune System to detect anomalous behaviors which may be indicative of cyber-threat, in real time, and immediately report the potential issues to Chantecler’s IT team.

Chantecler was impressed by the technology’s capabilities and decided to deploy the system across its network. “We analyzed several solutions on the market but found Darktrace to be the most comprehensive and effective technology available,” said Claudio Nasti, IT Manager, Chantecler.

“The Enterprise Immune System allows us to relax, knowing that it is constantly monitoring our network and will detect any issues that we need to investigate further.”

Claudio Nasti, IT Manager, Chantecler

Benefits

Thanks to Darktrace’s immune system technology, Chantecler is now informed of any potential issues on its network, as soon as they occur, via the Threat Visualizer interface, allowing its security team to carry out in-depth investigations and take the necessary action to mitigate any risk posed.

The interface provides a 3D graphical representation of Chantecler’s network, as well as classification and playback tools, allowing the retailer’s IT team to handle issues efficiently. Moreover, the team receives weekly Threat Intelligence Reports (‘TIRs’) written by Darktrace’s expert analysts, which concisely summarize the latest anomalous events detected.

“The machine learning aspect of the technology is fantastic. We have been alerted to information that we would never have found out otherwise,” added Claudio Nasti. “The Enterprise Immune System allows us to relax, knowing that it is constantly monitoring our network and will detect any issues that we need to investigate further.”

Ultimately, Chantecler now has 100% network visibility and is better equipped to protect its critical assets and business reputation against today’s intelligent cyber-attackers, increasing its confidence in its overall cyber defense strategy and enabling its further growth as a leading Italian jewelry brand.

About Darktrace

Darktrace is a world-leading cyber-threat defense company. Its multi-award-winning Enterprise Immune System technology automatically detects and responds to emerging threats, powered by machine learning and mathematics developed by specialists from the University of Cambridge. Without using rules or signatures, Darktrace models the ‘pattern of life’ of every device, user and network within an organization, identifying and mitigating cyber-threats before damage is done. Darktrace’s self-learning technology has been deployed globally and across all sectors, including energy, retail, telecommunications, manufacturing, financial services and healthcare. The company is headquartered in San Francisco and Cambridge, UK, with over 20 global offices including London, New York, Milan, Mumbai, Paris, Singapore, Sydney, Tokyo and Toronto.

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