iQ Retail

Company
IQ Retail
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County
South Africa
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Industry
Software
Development
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Solution
Adaptive
Defense 360
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Licenses
60
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Chris Steyn
IQ Retails MD

Challenges

IQ Retail MD Chris Steyn has seen first-hand the dramatic rise of new age threats such as Ransomware. "Few businesses realise the seriousness of these threats and the damage they can have on a business", says Steyn. "

The problem we have found is twofold; firstly, businesses do not have adequate security software protecting their network, and secondly, they do not have effective backups in place", continues Steyn.

Steyn acknowledges the advanced threats posed by the current situation in which hackers no longer need to be tech savvy, with ready-made Malware toolkits available on the dark web. New malware variants are created daily and many security vendors are unable to keep up. As a result, businesses are being attacked more often and Cybercrime has become more profitable and easier to implement than ever before.

"We have noticed two week spikes in attacks that most often occur on the weekend when there are few people in the office. This puts businesses in a tough position that often leads to payment of the ransom or worse, a loss of company data" says Steyn.

IQ Retail took a multi-layered approach, implementing security solutions at every level of their infrastructure, as well as ensuring backups are in place and procedures are being followed. Despite their efforts, Ransomware was still able to penetrate their network.

Evaluation

In order to prevent further breaches, Steyn and his team did extensive research into solutions offered by various vendors. They discovered that conventional AV solutions are unable to prevent Ransomware and other advanced threats from entering the network.

Steyn turned to Panda to implement a final effort to mitigate the threat of Ransomware. "Though our research, we realised that Panda's Adaptive Defense 360 software is the only solution that could give us comprehensive protection. AD360 allows us to proactively manage the security on our network and track possible risk situations" says Steyn.

"We have been very impressed with how AD 360 has integrated into our system. Being in the business of software development we experienced a few hiccups with our development department to start off with, but Panda's support team was able to help us quickly resolve any glitches" says Steyn.

Solution

Adaptive Defense 360 provides an Endpoint Detection and Response (EDR) service that can accurately classify every application running in an organisation, only allowing legitimate programs to run.

Panda's EDR technology model is based on three phases: Continuous monitoring of applications on a company's computers and servers. Automatic analysis and correlation using machine learning on Panda's Big Data platform in the cloud. Finally, Endpoint hardening and enforcement - blocking all suspicious or dangerous processes, with notifications to alert network administrators.

AD 360 combines EDR with full conventional Endpoint Protection (EPP) to deliver comprehensive protection.

Benefits

• Continuous monitoring of all running processes across the network.
• Combination of EDR and EPP to ensure complete protection against advanced threats.
• Protection for vulnerable operating systems and applications
• In-Depth Forensic Information
• Close technical support by qualified local technicians
• Cloud managed service

Customer's Profile

Software development company IQ Retail provides expertise in complete financial and business administration solutions, focusing on the development of business systems for the accounting and retail management environment.

Since its inception in 1986, IQ Retail has grown to become one of the premiere providers of innovative business solutions.