



ASL AIRLINES FRANCE ENHANCES EMAIL DEFENSE AGAINST RANSOMWARE WITH VADE SECURE

Launched by coincidence during the NoPetya ransomware attack, a proof of concept of the predictive email defense solution enabled ASL Airlines France to block 100% of this new attack in real time.

CONCLUSION

Faced with the quantitative and qualitative growth of ransomware attacks, ASL Airlines France decided to enhance the defense of its emails against the most advanced attacks by deploying Vade Secure's cloud-based filtering solution. The IT department was able to experience the full value of Vade Secure, as the POC of the solution was carried out at the time of the NoPetya attack in June 2017 and made it possible to block 100% of the emails infected by NoPetya, in real time.

ENJEUX

Since 2015, ASL Airlines France, a subsidiary of the ASL Airlines Group, had been transitioning its IT to the hybrid cloud. ASL Airlines France's IT is built around several environments, mixing private cloud, datacenter DRP and public cloud, and serves as a reference within the ASL Airlines Group. The entire Group recently launched the migration of its infrastructure to the ASL Airlines France private cloud, with 80% of the project having already been completed.

ASL Airlines' emails are managed centrally for all the group's subsidiaries, which represents 2,500 email mailboxes, with seasonal peaks leading to the creation of many additional mailboxes. "Recent attacks have shown that ransomware can have consequences on the Group's business. It's a threat that we've taken very seriously. We've had a highly reliable backup policy in place for a long time, as well as the protection provided by Office 365, but ransomware has evolved very rapidly in terms of its technology and sophistication, with polymorphic variants and multiple propagation modes, emails, exploitation of vulnerabilities, etc." says **Francis Brisedoux, IT manager at ASL Airlines France.**

SOLUTION

The IT department of ASL Airlines France decided to further enhance its protection by using an advanced email filtering solution against ransomware attacks. They chose the Vade Secure Cloud solution to do this.

The solution's proof-of-concept was completed in June 2017. The deployment and configuration of

WHY THEY CHOSE VADE SECURE

- ✓ Proof of Concept results
- ✓ Extraordinary filter accuracy and ability to predict future threats thanks to Vade Secure's AI and Global Threat Centers
- ✓ Rapid deployment and ease of use
- ✓ Financial and operational gains offered by the Cloud solution

BENEFITS FOR ASL AIRLINES FRANCE



Enhanced email security: ASL Airlines is protected by the Vade Secure filter, which offers best-in-class filtering accuracy and, thanks to the use of artificial intelligence, is able to predict future threats.



Protection against business interruptions and damage to the company's image: The protection of emails against the most advanced email-based attacks provides a powerful financial and reputational safeguard.



Optimized user experience: A single, easy-to-deploy and easy-to-use solution provides 360-degree protection against all email threats.

the system were done in only a few hours.

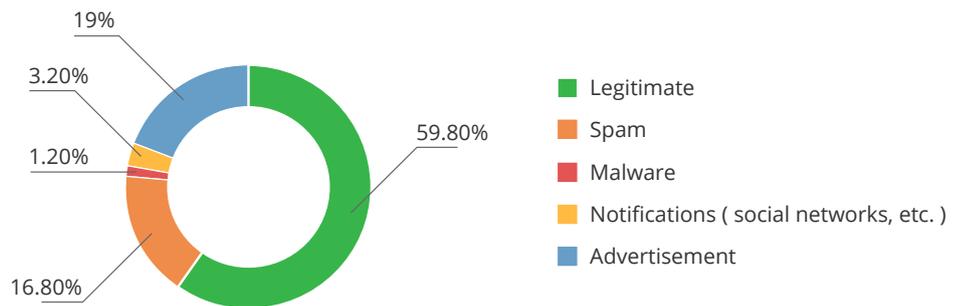
Vade Secure performs filtering based on context and email behavior analysis rather than on signatures, to stop unknown attacks from the very first email. The solution also analyzes email content, sender legitimacy and URL links and automatically quarantines emails with anomalies, leaving it to the company's security analysts to validate or block them. Vade Secure uses artificial intelligence and millions of pieces of information gathered daily to identify and predict future threats.

Francis Brisédoux says, "Technically, Vade Secure's solution is extremely accurate. We have daily reports showing the activity of the filter and email behavior, including that of spam and malware. In addition, we also hold regular campaigns to raise security awareness among our employees at least once a month, with screenshots and visuals of the attacks. The ultimate goal is to enable them to validate or block quarantined emails themselves."

RESULTS

The POC of the Vade Secure Cloud solution was launched by coincidence during the NoPetya ransomware attack, immediately giving ASL Airlines the opportunity to observe the attack in real time and to completely annihilate it by blocking 500 emails containing the ransomware in less than an hour.

Distribution of received emails - November 2017



« The POC was conducted at a perfect time, since it proved the value of the Vade Secure solution. We've been using the solution for a few months now, and thanks to the extraordinary acuity of the Vade Secure filter, we're benefiting from an extremely high level of security against even the most advanced attacks. This protection helps us meet a double challenge. One is obviously financial, since any interruption of business can have serious consequences for the company, and the other has to do with image, since identity theft for malicious purposes can also have a seriously damaging impact. »



Francis Brisédoux