



## THE HOSPITAL CENTER MÉTROPOLE SAVOIE SECURES 3,000 EMAIL BOXES WITH VADE SECURE

Thanks to Vade Secure's predictive email defense, the Hospital Center Métropole Savoie's (CHMS) email environment has not been penetrated by current attacks, such as ransomware, phishing, etc.

### IN SHORT

*About 10 years ago, the volume of spam that the hospital's staff received represented up to 80% of all emails! In order to make use of email more efficient, the hospital brought in the filter solution from the French software company, Vade Secure. The solution helped the hospital to progressively add protection technologies against increasing threats, such as ransomware, phishing, malware, etc. At present, the hospital center, an important target for cyber-criminals, has never been attacked with ransomware or phishing.*

### CHALLENGES

Formed by the merger of the hospitals of Chambéry and Aix-les-Bains in 2015, the Hospital Center Métropole Savoie, the fifth-largest hospital center in the Auvergne-Rhône-Alpes region, employs 4,587 professionals, and has about 337 hospitalizations and appointments per day. The Information System and Organization Department (DSIO) is composed of 25 professionals, with the daily responsibility of managing IT infrastructure, including all the applications used in healthcare and technical services. The DSIO manages a network of 10,000 IP addresses, five domain names, one infrastructure with 300 servers, of which 80% are virtual. The hospital center uses a Microsoft Exchange server for emails, which is secured with an anti-virus solution. It includes nearly 3,000 email boxes, of which about 2,500 are open to the outside.

Faced with a proliferation of spam and illegitimate emails coming to its users, the hospital center chose to use an anti-spam filter in 2008.

**Alain Gestin, technical architect of the IT system at the Hospital Center Métropole Savoie, says:** *"Our medical teams were flooded with advertising and other commercial newsletters which had a great impact on their emails, which are vital to their activities."*

### SOLUTION

Vade Secure's filter solution was judged to be the most effective, with the added benefit of offering intelligent classification of emails. This graymail management function classifies low-priority emails into legitimate, advertising, newsletters, etc. in order to clean up users' email boxes and improve their performance.

In addition, the hospital's users benefit from the ability to automatically and securely unsubscribe from newsletters and advertising emails with one click, further improving their email user experience.

The hospital center chose a physical device; it was installed in a few minutes.

### WHY THEY CHOSE VADE SECURE

- ✓ Filtering spam and highly efficient classification, to improve email use.
- ✓ Rapid implementation and ease of use.
- ✓ The solution evolves, providing continuous protection against current threats of ransomware, phishing and spear phishing.

## THE MAIN BENEFITS FOR THE HOSPITAL CENTER MÉTROPOLE SAVOIE



### Enhanced email security:

The CHMS is protected against all types of email attacks: malware, ransomware, phishing, spear phishing and zero-day.



### Improved user experience means better productivity:

Vade Secure automatically eliminates or sorts undesirable email, newsletters and other advertising email (graymail).



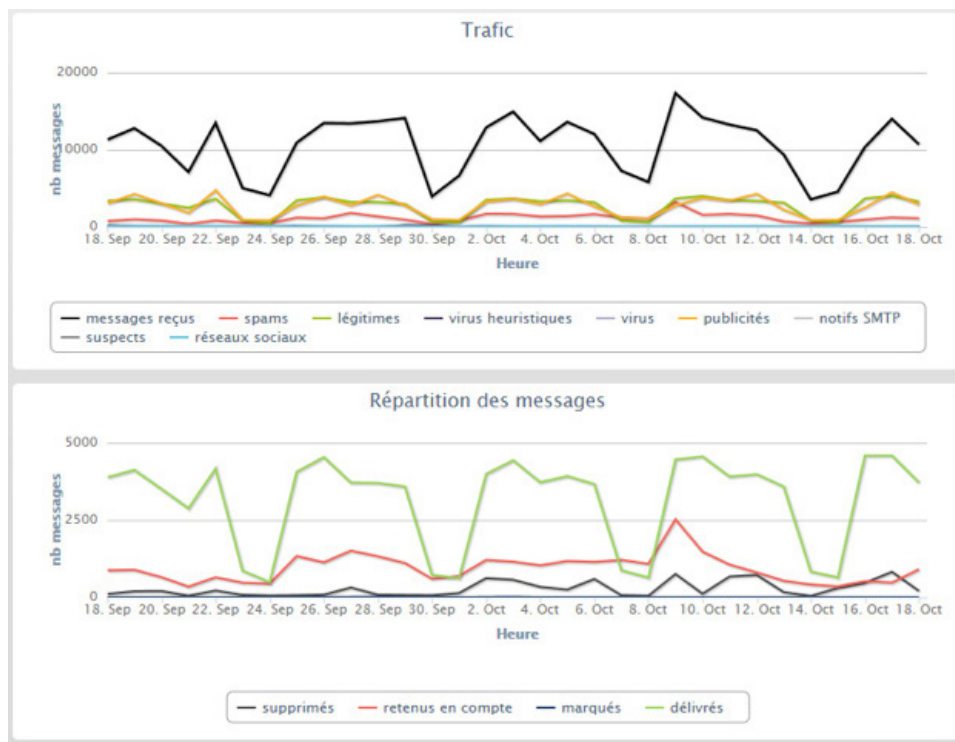
### Preservation of the hospital center's image:

The CHMS is protected against identity theft by hackers which can occur during phishing and other attacks.

## RESULTS

Vade Secure's filtering capabilities were quickly appreciated, protecting the CHMS' IT system against new threats posed by phishing, malware and ransomware. Faced with cyber-criminals who continue to innovate, Vade Secure's technology filters emails, subjecting them to strong behavioral analysis, which is better than classic signature filtering. Vade Secure's filter has evolved over the years, ensuring that the hospital center remains sealed against new attacks, including zero-day, which can target email.

**Alain Gestin** adds: *"We have not had to use our anti-virus functions to protect emails because Vade Secure's filters keep them completely secure. The solution is clearly the best available to protect emails. As proof, we've had no phishing, malware or ransomware pass through our email filters for nearly 10 years, even though the sensitive nature of our activities makes us a major target, especially to attacks by ransomware, such as those we saw in the United Kingdom. In addition, the only threats that we've seen are those that were associated with USB memory sticks."*



### Strengthened protection against spear phishing

The hospital center is not resting on its laurels. It continues to evolve to protect its IT system, and particularly its emails. The hospital center expects to integrate a number of new Vade Secure functions, such as "Identity Match" to further reinforce its protection against targeted spear phishing attacks.

“Vade Secure has helped us to eliminate all the spam that we have received. This is a significant benefit to us, because spam represented up to 80% of emails sent to our email boxes 10 years ago.”

Alain Gestin