REDSOCKS
malware threat defender

Case Study

RedSocks Malware Threat Defender responsible for protecting the Sint Franciscus Vlietland Groep's confidential data

On 1 January 2015, two hospitals in the Rotterdam region - the *Sint Franciscus Gasthuis* in Rotterdam and the *Vlietland Ziekenhuis* in Schiedam - joined forces to form the S*int Franciscus Vlietland Groep* (SFVG). This merger also involved the integration of the two organisations' ICT infrastructures. The integration gave rise to a review and analysis of the current infrastructure, with security being the top priority.

Previously, the *Sint Franciscus Gasthuis* and the *Vlietland Ziekenhuis* both had their own separately managed security environments. For the ICT department, the merger prompted the search for a joint infrastructure that met the security requirements of both hospitals.

Peter de Boer, head of ICT Management at SFVG, explains: *"The merger of the two hospitals gave us sufficient reason to look at how we might raise our security to new and higher levels. What we needed was a malware detection option that was easy to use, so that management of the system would be less time-consuming. Protection of patient information is of paramount importance to us, so reliability - both in terms of the security provider and the solution - was an extremely important factor. Likewise, we feel it's important that the system provides us with useful information about issues which really require our attention."*

> *"RedSocks provides malware detection which gives protection from the inside and operates in compliance with NFI guidelines".*

Security-by-Design takes current security levels into account

In planning a new infrastructure, the newly formed hospital organisation opted for a 'security-by-design' solution. The aim of SFVG's 'security-by-design' vision was to take the overall security levels at the two locations into account when designing the infrastructure. Furthermore, SFVG also made a number of specific demands. In view of current threats, which are no longer only external in nature, the new security solution also needed to offer protection from within, the so-called 'insider threat'.

The system needed to be able to detect threats at an early stage and to ensure that no sensitive information could be leaked. What's more, it was very important that the administrative burden was minimised and that the organisation could act on its own when a threat was detected.

"In identifying the security needs we took into consideration the possible threats from malicious software that might find its way onto the network. For this reason, we were looking specifically for new ways of detecting these threats. So for us," explains de Boer, *"the best solution was a security solution that was able to identify network traffic moving from the inside to the outside."*

Profiel SFVG

On 1 January 2015, the Sint Franciscus Gasthuis in Rotterdam and the Vlietland Ziekenhuis in Schiedam joined forces to form a single organisation. The result of this merger is a powerful new hospital organisation, the Sint Franciscus Vlietland Groep. With a workforce of 4,200 and almost 300 medical specialists, the organisation is able to provide top-quality as well as everyday hospital care to the region's population in a safe and welcoming environment.

Sint Franciscus Gasthuis

Vlietland Ziekenhuis

Real-time analysis with the RedSocks Malware Threat Defender

After an extensive evaluation of providers, SFVG selected RedSocks. This Dutch-based security specialist supplies the RedSocks Malware Threat Defender (MTD) as a network appliance which is able to analyse outgoing traffic flows in real-time. This works on the basis of risk lists that are compiled by the RedSocks Malware Intelligence Team. The moment malware becomes active, it is reported by the MTD to the department in question. This provides information on where the malware is located, and what organisations can do to deal with the situation quickly and effectively.

In contrast to other security solutions, the MTD appliance does not look at the content of the network traffic, but restricts itself to the so-called metadata. As such, the privacy of the organisation and sensitive data in the internal network are not put at risk.

Rapid implementation as a result of Proof-of-Concept process

"RedSocks provides malware detection which gives protection from the inside and operates in compliance with NFI guidelines. RedSocks offers additional services that provide support in network administration and in organising the security environment, thus cutting back on the administrative burden. We were able to complete implementation within just a few days by means of the Proof-of-Concept process, which we had already put through its paces. During this process, necessary technical measures for both hospitals were implemented, which enabled the MTD to be quickly be put into use," explains de Boer.

Reliable partner

> *"RedSocks is a reliable Dutch-based partner that meets our requirements. We're extremely satisfied with the performance and detection speed of the RedSocks Malware Threat Defender,"* adds de Boer.

Alexander Zwiep, Sales Manager at RedSocks: *"We're proud that we have been singled out by the Sint Franciscus Vlietland Groep to act as its new security partner for protecting the network. As part of this project, our knowledge and expertise have made a valuable contribution to the organisation's security-by-design vision which it intends to flesh out over the coming years. As a young Dutch security business and innovative player on the market, we are delighted about the confidence shown in us by this client."*

REDSOCKS

RedSocks is a Dutch company specialised in malware detection. RedSocks supplies *RedSocks malware threat defender* as a network appliance. This innovative appliance analyses digital traffic flows in real time based on the algorithms and lists of malicious indicators compiled by the RedSocks Malware Intelligence Team. This team consists of specialists in identifying new threats on the internet and translating them into state-of-the-art malware detection.

FOR MORE INFORMATION PLEASE CONTACT US VIA INFO@REDSOCKS.NL OR VISIT OUR WEBSITE: WWW.REDSOCKS.NL

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