



STORMSHIELD

INDUSTRY

ROSSMANN

A RESPONSIVE SOLUTION FOR SECURING LONG-DISTANCE CONNECTIONS BETWEEN SITES

Interview with Serge Leibbrandt, head of systems, networks and telecoms



3,000
EMPLOYEES



25 factories
IN EUROPE AND
WEST AFRICA



MPLS
INTERCONNECTION
OF REMOTE SITES

Rossmann

In 1922, Lucien Rossmann set up a packaging plant in Strasbourg. Specialized in manufacturing corrugated cardboard packaging, recovering waste paper and producing recycled paper, the family group now owns 25 plants across eight European and West African countries, with nearly 3,000 employees.

The Rossmann group is the leading independent producer of corrugated cardboard packaging in Europe and Africa, with a production capacity of 500,000 tonnes.

Background

The leading independent producer of corrugated cardboard packaging in Europe and Africa, the Rossmann group owns more than 25 plants. Guaranteeing fluidity in exchanges and in access to applications is therefore essential to its business activity.

Rossmann overhauled its security policy – and, in particular, the protection and filtering of flows – by providing the entire group with an administrative and inventory management system based on a Sage solution. **“We planned to use our site in La Vancelle-Gare for hosting, but we faced a data induction problem, with only one channel for receiving flows. This situation prevented us from optimising the confidentiality and security of our exchanges,”** explained Serge Leibbrandt, the group’s head of systems, networks and telecoms.

In 2015, the Rossmann group decided to migrate part of its infrastructure and all of its applications to a data centre located in Strasbourg. It opted for MPLS (Multiprotocol Label Switching) technology to facilitate long-distance connections between sites.

The solution of choice

In this context, Rossmann wished to address four main challenges: protecting identities, securing communications, centralising its security management, and enhancing the traceability of flows and access. The first stage of this project involved the protection of seven French sites and two of the eight European plants.

Stormshield used its references and certifications to convince the company to implement Stormshield Network Security. **“In addition to relying on the capabilities of a data centre, this implementation has enabled us to benefit from an Activity Recovery Plan (ARP) site, in this case at La Vancelle-Gare. To secure all communications between the group’s sites, the data centre and the ARP site, we have set up two Stormshield SN910 clusters. The first is located at La Vancelle-Gare and the second at the data centre,”** Leibbrandt explained.

Effective support

Offering a performance of 20 Gbit per second, the SN910 has been adapted to the specific needs of the group thanks to the network's modularity, which combines high port density (up to 16 copper ports) with 10 GbE fibre.

“This implementation was of course fairly complicated, since our network is operated remotely between two sites. This kind of operation always has a few surprises in store. Nonetheless, in terms of the Stormshield solution, we were able to implement an entire set of mechanisms enabling us to handle 98% of potential outages on our network,” noted Leibbrandt.

On the peripheral sites, Rossmann decided to implement the SN210 appliances. This security solution, dedicated to sites in particular, integrates a variety of features such as firewalls, intrusion prevention, application control, VPN, antivirus, antispam, web filters and vulnerability management.

For Rossmann group, the results have been remarkable. **“This solution has proven highly responsive and relatively simple to configure. We also appreciate the continuous support provided by Stormshield in terms of network security and our ARP”**, stated Leibbrandt.

He especially appreciates the centralised console, which saves a considerable amount of time as it enables all configurations to be updated with ease. Moreover, the application control system, integrated into all Stormshield Network Security appliances, automatically identifies applications (whether local or web-based) used by employees through a highly dynamic analysis of the content of connections.

After implementing these Stormshield solutions and consolidating the programme, the company will equip the rest of the peripheral sites. It also plans to upgrade product quality, primarily in terms of the central clusters.



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Stormshield, a wholly-owned subsidiary of Airbus CyberSecurity, offers innovative, end-to-end security solutions for the protection of IT networks (Stormshield Network Security), workstations (Stormshield Endpoint Security) and data (Stormshield Data Security).

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