

# Clavister SSP™ and the Retail Industry



## Clavister SSP™ Security Services Platform

firewall • VPN termination • intrusion prevention • anti-virus  
anti-spam • content filtering • traffic shaping • authentication

# CLAVISTER®

WE ARE NETWORK SECURITY

The retail business has transformed in the last 10 years and is today relying on the network as one of the critical success factors. Applications such as RFID, POS (point of sales) systems as well as inventory and financial systems are today just as important as the cash register.

However, in the retail industry there is often a slim organization with a clear focus on the core business, this means that there seldom are many available resources for the IT department. Another challenge is the geographical distance and the different competence groups out in the individual stores.

In the retail industry everything needs to be optimized and centralized in order to outperform the growing competition from the online stores which do not have to carry the same operational costs. This means that a successful and competitive retail chain needs a centralized IT department with a distributed application environment, and last but absolutely not least, a highly reliable and secure network that can provide the functionality 24/7/365.

The Clavister SSP™, Security Services Platform, is our proven and service oriented framework for providing best-in-class security solutions. Its combination of super-granular control and seamless scalability makes it easy to provision the perfect solution for any retail customer, from the smallest network with only one store to the largest retail chain with thousands of stores located around the world.

To carry out security services in the network, Clavister provides a number of components and products that can be combined, arranged and provisioned in several ways to match the specific needs of your network.

The major network security element products are the Clavister Security Gateway products; pre-packaged solutions in either turn-key appliance format for easy deployment or pure software format for your preferred hardware platform.

Empowering Clavister Security Gateways is the Clavister CorePlus™ component. Clavister CorePlus™ is in-house developed, high-performance firmware with an invisible attack surface and air-tight component integration. Clavister CorePlus™ delivers a rich set of features, naturally with the focus on security, but with a wide range of general networking features as well, including, for instance, advanced routing, load balancing and traffic management functionality.

The key functionality for the manufacturing industry that Clavister provides is:

- Firewalling
- Virtual Private Networks
- User Authentication
- Policy Based Routing
- Remote Deployment
- Bandwidth Management
- Intrusion Detection and Prevention
- Antivirus
- High Availability Clustering
- Multicast

To minimize administration and enable a distributed environment with centralized administration, which is needed in the retail industry, the Clavister SSP™ also includes systems for centralized remote management. This makes it possible to control every aspect of the security devices out in the local stores from the central IT department thousands of kilometers away - just as easily as if they were located next-door!

An additional benefit for the retail customer is the support for multicast in Clavister Security Gateways. This enables secure broadcasting of media, such as commercials, surveillance video streams and internal presentations.

