



IMTECH TELECOM BELGIUM CASE STUDY

IMTECH TELECOM DEPLOY GATEWAY SECURITY FOR MINISTERIE VAN DE VLAAMSE GEMEENSCHAP



Imtech Telecom, a leading European systems integrator, will provide the maintenance and supply of MVG's network Gateway security. This follows a co-ordinated rollout plan by Project Manager - Danny Asselman from Imtech Telecom working closely with the MVG team.

Flanders is also leading the way in micro-electronics. The Interuniversity Micro-Electronics Centre (IMEC) is the most important independent research and development centre in Europe.

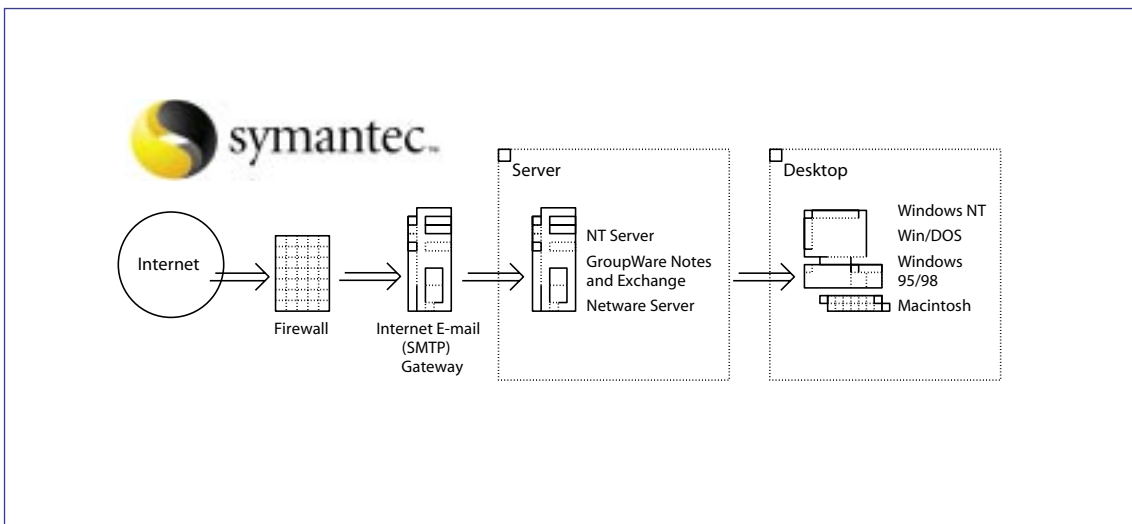
In this age of the Internet and telematics, telecommunications are of vital importance. Flanders is perfectly equipped to meet this challenge. It has a hyper-modern telecommunication network. Moreover, Flanders is the spearhead of new applications in this field. In fact, approximately 95 % of Flemish homes have cable TV and radio. This extensive cable network provides unique opportunities.

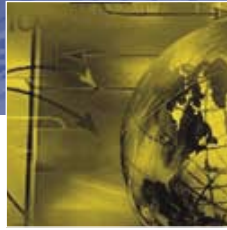
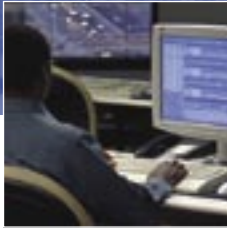
Flanders is also well equipped in the field of broadband internet access. In the near future, this broadband network will be used for applications such as digital interactive television.

The project involves the network security of the Telematica Network of the Ministerie van de Vlaamse Gemeenschap, on the inside as well as for the external connections. The configuration is defined by means of "Security Policies". The Security Policies describe how to handle and treat security issues. The configuration of the firewalls, the configuration of routers and switches, how to handle servers, etc.. Also what is permitted on outgoing as well as on incoming connections, be it direct or over dial-in or VPN, how to secure DMZ equipment and how the users must behave, etc.

The hardware configuration consists of two geographical clusters of two firewalls each. The firewalls are of type SGS-5310. Besides basic firewalling they also provide Intrusion Detection, proxy-services, anti-virus services, content services, VPN services and a number of minor services like DNS, NAT, routing and protocol control.

Besides the prescribed router and switches configurations, the internal network is extra protected in two ways.





Symantec Network Security 4.0 provides extra network intrusion detection on several critical network segments. The SESA Management console provides the necessary correlation, analysis and reporting.

The Symantec Vulnerability Assessment tool checks for weaknesses in different server operating systems, and proposes the required patch or update to correct the weakness.

Symantec product reference:

- Symantec Gateway Security SGS5310
- Symantec Network Security 4.0 – (Manhunt) – Intrusion Detection.

Imtech Telecom

Imtech N.V. is a European technical service provider in the fields of information & communication technology, electrical engineering and mechanical engineering. With around 14,000 employees, Imtech achieves an annual turnover of around 2,0 billion euro. Imtech holds strong positions in the buildings, industry, marine, infrastructure and telecoms markets in Belgium, Germany, Luxembourg and The Netherlands and is also active in Sweden, UK and Spain. Imtech shares are listed on the Euronext Stock Exchange (Amsterdam), where Imtech is included in the Midkap index (AMX) and the Next 150 index. For more information on Imtech, visit its Web site at <http://www.imtechtele.com>

Symantec AntiVirus Gateway Solution

Comprehensive virus protection, spam prevention, and content filtering for Web and email traffic at the Internet gateway

Symantec AntiVirus Gateway Solution provides high-performance, comprehensive, multi-layered protection against viruses, spam, and unwanted email and Web content at the Internet gateway. This bundled solution helps protect the network against email-borne viruses and blended threats like Blaster and MyDoom, and allows administrators to manage employee Internet usage and block unwanted email content such as spam. Symantec AntiVirus Gateway Solution includes Symantec Mail Security™ for SMTP and Symantec Web Security to provide scalable content scanning with minimal network latency.

Symantec Mail Security™ for SMTP provides integrated mail protection against virus threats, spam, and other unwanted content at the earliest point of network entry, the Internet email (SMTP) gateway. Award-winning virus protection defends against new and known viruses, and attachment and subject line blocking provides hour-zero responses against emerging threats. A new Mass-Mailer Cleanup feature eliminates worm-infected messages. Multi-layered spam prevention combines enhanced antispam heuristics, custom filtering rules, real-time and customer blacklists, and custom and auto-learned whitelists to maximize detections and minimize false positives.




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