



bwin

By implementing Novell® Sentinel™ to monitor its network in real time, *bwin* has improved security, reduced administrative effort and made it easier to demonstrate compliance with the PCI-DSS. Novell Sentinel aggregates and normalises log data from hundreds of network elements into real-time reports that enable *bwin* to identify and proactively defend itself against emerging security threats.

Overview

With more than 1,200 employees in Stockholm and Vienna, the *bwin* Group is one of the world's leading providers of online gaming entertainment. The company offers sports betting, poker, casino games, soft games and skill games via the Internet and other digital distribution channels in more than 27 different languages.

Challenge

All companies that process, store or transmit payment card data must comply with the Payment Card Industry Data Security Standard (PCI-DSS). This standard aims to prevent fraud, protecting both consumers and businesses from financial loss. Compliance with the standard also helps companies lower transaction costs significantly.

Among other requirements, the most recent PCI-DSS specification calls on payment card processors to maintain a secure network, protect stored cardholder data, implement strong access control measures, regularly monitor and test networks, and maintain a comprehensive information security policy.

With millions of customers, thousands of internal users and hundreds of applications and databases, *bwin* was spending

significant time and effort compiling reports to prove its compliance with the PCI-DSS. Compliance was managed on a departmental basis, which was inefficient and made it difficult to ensure that the same approaches and policies were being applied uniformly across the company. To reduce the cost and effort of compliance and improve security reporting, *bwin* needed an automated, centralised solution for monitoring and managing multiple security log files.

Solution

Following a review of available solutions, *bwin* ran a pilot project using Novell Sentinel, then worked with Verizon Business to deploy the Novell solution across its entire payment infrastructure. In addition to rolling out the solution across the data centres of its global subsidiaries, *bwin* plans to extend the scope of monitoring to all corporate systems, pending the completion of a full risk assessment.

"The responsiveness of the Novell team was an important factor in our choice of solution," said Oliver Eckel, Head of Corporate Security, *bwin* International Ltd. "Equally, Novell Sentinel offers significantly better performance than the other solutions we considered."

***bwin* at a glance:**

Global gaming and entertainment Web site

■ **Industry:**

E-commerce, Media and Entertainment

■ **Location:**

Austria

■ **Solutions:**

Novell Sentinel

■ **Results:**

- Centralised and automated network security monitoring and reporting
- Reduced time and effort involved in PCI-DSS compliance initiatives
- Enabled more proactive response to emerging security threats

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Oliver Eckel

*Head of Corporate Security
bwin International Ltd.*

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The current Novell Sentinel environment at *bwin* covers Microsoft* Windows* servers in the payment infrastructure, while the full rollout of the solution will add Sun* Solaris* systems and Oracle* databases. The Novell solution aggregates security logs from the specified network elements—servers, workstations, storage devices, routers and switches—in real time, normalising the data they contain to create consistent, centralised reports. Rather than monitoring hundreds of disparate logs in different locations, the *bwin* security team now has a single viewpoint for all security events.

“Deploying Novell Sentinel enabled us to centralise our monitoring into a single corporate function, removing all compliance effort from the departments and making it easier to apply corporate policies,” said Eckel. “Novell Sentinel gives us all the tools we need to identify anomalies, detect intrusions, and meet the log monitoring and auditing requirements of the PCI-DSS.”

As a high-profile company processing large volumes of card payments, *bwin* is an attractive target for increasingly sophisticated online fraudsters. To protect against emerging vulnerabilities, *bwin* implemented the optional Sentinel Advisor module, which provides centralised security intelligence to proactively identify and counteract new varieties of attack, as well as to eliminate false positives.

Results

By using Novell Sentinel to centralise and rationalise its network security monitoring and reporting capabilities, *bwin* has strengthened its protection against intrusion.

Novell Sentinel replaces the manual, department-led monitoring of distinct network elements with an automated, enterprise-wide solution for real-time monitoring and reporting of security issues, managed from a single point of control. In addition to improving security metrics, the Novell solution is helping to reduce security and compliance costs by releasing departmental staff from monitoring duties.

“Novell Sentinel makes our security infrastructure much more transparent, and the improved monitoring capabilities give us better quality assurance, particularly where change management is concerned,” said Eckel. “Using the Novell solution, we have optimised our security workflows, saving time by eliminating the need to manually check log files on hundreds of systems.”

Most important, the Novell solution has simplified the process of security reporting while enriching the information itself, enabling *bwin* more easily to demonstrate compliance with the PCI-DSS.

“Compliance is a significant business issue for *bwin*, helping us to protect our status as a trusted payment card processor and demonstrate to customers that we place the highest possible emphasis on the security of financial data,” said Eckel. “Novell Sentinel has improved our ability to monitor and correlate security incidents, enabling us to take a more proactive approach to network security and helping us to demonstrate compliance.”



For More Information:

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Contact your local Novell Solutions Provider, or call Novell at:

Austria
+43 1 36 77 444 0

Belgium
+32 2 474 46 11

France
+33 1 55 62 50 00

Germany
+49 211 56 31 0

Italy
+39 02 26 295 1

Netherlands
+31 10 286 44 44

Spain
+34 91 640 25 00

Sweden
+46 8 477 41 00

Switzerland
+41 43 299 78 00

South Africa
+27 11 322 8300

United Kingdom
+44 1344 724 000

Novell, Inc.
404 Wyman Street
Waltham, MA 02451 USA