



**Dmitry Ustyuzhanin,**  
Head of Information Security,  
VimpelCom

## COMPANY PROFILE

- + Industry:**  
Telecommunications
- + Brands:** 10 consumer brands including Beeline, WIND & djuce
- + Locations:** 18 countries including Algeria, Canada, Italy & Russia
- + Employees:** 66,000
- + Customers:** 215 million mobile subscribers (world's 6th largest operator)
- + Revenue:** USD 23.1 billion (2012)
- + NYSE:** VIP



## MAXPATROL SIMPLIFIES VIMPELCOM'S IT SECURITY WITH A SINGLE SOLUTION

### THE CHALLENGE

**Unify VimpelCom's many IT systems, including specialized telecoms equipment, under a single vulnerability and compliance management solution.**

As one of the world's leading telecommunications providers, VimpelCom Ltd has operations across many countries and relies on a vast array of IT systems to provide cellular and fixed-line phone communications, internet and IPTV services to more than 215 Million subscribers.

Since 2004, VimpelCom's rapid growth has largely been attributed to key acquisitions of almost a dozen regional communications providers. With this growth, however, came the complications of protecting disparate IT networks and their associated systems. With more acquisitions on the horizon, and after years of struggling with a hodge-podge of vulnerability and compliance solutions, VimpelCom decided they needed a centralized Security Operations Center (SOC), running a single vulnerability and compliance solution.

"VimpelCom depends heavily on the stability and safety of its Information Systems," said the company's Head of Information Security, Dmitry Ustyuzhanin. "That's why it is so important for us to have a common set of tools providing robust information security for all of our subdivisions."

In addition to the network equipment, operating systems, databases and applications that are used by many multinational organizations, VimpelCom also needed a solution that could monitor specialized telecommunications equipment.

Given that VimpelCom has operations and customers in many countries, it was essential that their security solution be able to determine their level of compliance with numerous different government and industry-imposed data privacy regulations.

### THE SOLUTION

#### MaxPatrol Vulnerability and Compliance Management

At the heart of VimpelCom's unified Security Operational Center, MaxPatrol provides automated control of IT Security across the company's entire global network.

The threat assessment and vulnerability management capabilities within MaxPatrol give VimpelCom early-warning of flaws within the systems, policies and settings used to service its customers, such as the cellular network, broadband access platforms and billing systems. MaxPatrol also monitors vulnerabilities in VimpelCom's network perimeter (including external Web-services), its Cisco, Nortel and Huawei network equipment, servers and workstations running Windows, Linux and Solaris operating systems, Microsoft SQL & Oracle Database Management Systems and Active Directory application services.

All of VimpelCom's IT security standards are mapped into MaxPatrol's compliance module, along with recommended configuration guidelines from their many equipment and software vendors. Regulatory compliance rules for each of the countries in which VimpelCom does business are also configured into the system – allowing the SOC staff to quickly and easily assign compliance rules to specific systems in their network and rapidly identify any systems which do not meet the required standards.

*"It's important for us to have full control of security compliance for all our IT systems..."*

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Head of Information  
Security, VimpelCom**

## HIGHLIGHTS

- + **Gained visibility into specialized telecoms systems:** billing, cellular network and broadband access platforms
- + **Unified 10 subsidiary brands** under a single vulnerability and compliance solution
- + **Simplified compliance** with SOX, ISO 27001 and PCI DSS

MaxPatrol's audit feature provides an accurate picture of all the networked assets within the VimpelCom infrastructure – at the touch of a button – including the status of installed software and patches. This allows the IT team to keep track of ongoing projects such as software updates and new hardware installations and to conduct strategic planning.

Data for audit, compliance and vulnerability management is collected by MaxPatrol modules in each region and collated at the SOC. A dashboard interface provides at-a-glance metrics and allows users to generate reports that are appropriate for all levels of management.

## THE BENEFITS

### Reduced Costs, Greater Efficiencies and Stronger Security

MaxPatrol has made life simple for the VimpelCom IT team as it's the only solution needed to scan, audit, prioritize, verify and report on security vulnerabilities and compliance across an entire global operation. Automation enables VimpelCom to conduct more frequent scans with less effort – resulting in lower staffing costs and increased security – and it simplifies compliance with SOX, ISO 27001 and PCI DSS which are essential to VimpelCom's core business.

"It's important for us to have full control of security compliance for all our IT systems," stated Ustyuzhanin. MaxPatrol provides us with the complete solution to these challenges."

MaxPatrol's flexible, distributed architecture ensures VimpelCom can quickly and easily add extra modules to support expansion into new regions. It can also control vulnerability and compliance in any new equipment or applications that are required to grow their business.

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## About Positive Technologies

Positive Technologies is a leading provider of vulnerability assessment, compliance management, and threat analysis solutions to more than 1,000 global enterprise clients. Our solutions work seamlessly across your entire business: securing applications in development; assessing your network and application vulnerabilities; assuring compliance with regulatory requirements; and blocking real-time attacks. Our commitment to clients and research has earned Positive Technologies a reputation as one of the foremost authorities on SCADA, banking, telecom, web application, and ERP security, and distinction as the #1 fastest growing Security and Vulnerability Management firm in 2012, as shown in an IDC report\*. To learn more about Positive Technologies please visit [ptsecurity.com](http://ptsecurity.com).

\*Source: IDC Worldwide Security and Vulnerability Management 2013-2017 Forecast and 2012 Vendor Shares, doc #242465, August 2013. Based on year-over-year revenue growth in 2012 for vendors with revenues of \$20M+.

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