



SKYBOX[™]
SECURITY

UNITED CARD SERVICES

CASE STUDY

UCS automated more than 50% of processes using the intelligent workflows and tasks of the Skybox Security Suite

CUSTOMER PROFILE

United Card Services (UCS) is the largest independent payment processing provider in Russia. Its expertise in the merchant services market, with its own processing center and a team of highly qualified specialists.

UCS enables businesses to accept transactions from major international payment systems including Mir, the payment system established by the Central Bank of Russia, Visa, Mastercard, UnionPay, JCB and American Express. It also handles transactions from the proprietary cards from retailers and service providers.

Being a fully certified third-party payment processor (TPP) and managed service provider (MSP) of Visa International and Mastercard payment systems, the company provides solutions to banks for issuing cards, building inter-host interfaces, as well as services for installation and maintenance of point-of-sale (POS) terminals.

CHALLENGES

The basis for ensuring operations in any modern network is the corporate information system (CIS), a complex, multi-functional and geographically distributed system. But UCS's IT infrastructure had become increasingly complex and, like many enterprises, was in a near-constant state of change. It became more difficult than ever to quickly obtain clear and concise data on their security status from the CIS alone. Without such information, security teams couldn't make informed decisions on how best to manage risk within their dynamic business environment.

UCS evaluated several solutions through their resellers. [ELVIS-PLUS](#), one of the leading system integration providers in the region, was the partner offering the Skybox™ Security Suite and performed the proof of concept. In the end, UCS chose the Skybox as it delivered the best functionality, scalability and integration with their IT infrastructure and IS subsystems — and at the best price.



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**a new, high-level,
proactive approach**

to security management. The solution takes into account the state of the IT infrastructure, the current threats to information systems, the mitigation measures in place and, importantly, the business context.”

— Oleg Volkov, CISO, United Card Services

DEPLOYMENT

Implementation was completed promptly, with pilot implementation completed in less than one month. Within two months, Skybox:

- Established technical requirements and statement of work
- Developed project and operational documentation
- Conducted training, tuning and testing

Concurrent work on documentation development and the active involvement of both Skybox and UCS made it possible to quickly integrate the Suite with existing processes. Significant improvements in security management were noticed straight away.

“We used the Skybox approach of managing corporate security based on the fundamental creation and maintenance of an up-to-date CIS model,” said Dmitry Mityushin, a security engineer with JSC ELVIS-PLUS.

“We needed to reflect its main characteristics, taking into account critical assets, vulnerabilities and the security measures in place. The primary applications of the CIS model are regular compliance assessments with specified security controls (e.g., compliance with network access policies) and proactive modeling of potential risks and the affected assets. We use the attack simulation feature to further prioritize vulnerabilities using a risk-based approach.”

RESULTS

Using the Skybox platform, UCS achieved:

- Vulnerability analysis of current network device settings
- Analysis of new network paths
- Optimized network access

The Skybox Security Suite is actively used to solve day-to-day problems for more than 50 percent of the workload associated with UCS’s network security.

Prior to implementation, enormous labor costs were required due to the large number of network devices and their distribution throughout the country. With Skybox, response time has decreased exponentially due to the centralization of the network configuration analysis.

Oleg Volkov, chief information security officer at UCS said, “We are pleased with the results of the project, as well as the skills of ELVIS-PLUS employees and the strategies used to achieve this goal. The implementation of Skybox Security Suite has optimized our existing information security tools and provided a new high-level, proactive approach to security management. What’s more, the solution takes into account the state of the IT infrastructure, the current threats to information systems, the mitigation measures in place and, importantly, the business context. In the future, we plan to scale the system for use throughout the entire company.”

About Skybox Security

Skybox provides the industry's broadest cybersecurity management platform to address security challenges within large, complex networks. By integrating with 120 networking and security technologies, the Skybox™ Security Suite gives comprehensive attack surface visibility and the context needed for informed action. Our analytics, automation and intelligence improve the efficiency and performance of security operations in vulnerability and threat management and firewall and security policy management for the world's largest organizations.

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