PARKOVYI DATACENTER

The PARKOVYI Data Center Enhances Cloud Solution Resilience and Security with CyberArk

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Summary

CyberArk's Identity Security Platform strengthened the protection of cloud solutions at the PARKOVYI Data Center and increased the reliability of infrastructure services for customers. This case illustrates how the right choice of technologies helps companies ensure strong protection, create added value for customers, and lay the foundation for further growth.

Company profile

The PARKOVYI Data Center is one of Ukraine's largest and most advanced data center, designed and built by Schneider Electric. PARKOVYI DC is the only commercial data center in Ukraine https://uptimeinstitute.com/tiers certified with TIER III by the Uptime Institute which is in line with the International TIA 942 Standard. This confirms that the data center meets all the key requirements for quality and security and has the necessary compliance certificates for working with state institutions and commercial organizations of any scale. Cooperation with the PARKOVYI DC opens access to the highest IT infrastructure maintenance technologies, allowing organizations to streamline costs and to ensure stable operation of IT equipment in volatile times.

BAKOTECH is an international True Value-Added IT Distributor with more than 20 years of experience in implementing innovative technological IT solutions. BAKOTECH experts and partners have implemented more than 1000 successful projects in the fields of cybersecurity, digital infrastructure, and information networks for companies undergoing digital transformation.

CyberArk Products and Services

CyberArk Privileged Access Manager Self-Hosted →

CyberArk Vendor Privileged Access Manager →

Solutions

Secure IT Administrators →

Secure External Access →

Challenges

The data center team regularly faces network attacks that target both customers and the infrastructure itself. In 2024, the PARKOVYI DC was subjected to a targeted attack, and the cyber incident became a catalyst for building an entire privileged access management (PAM) ecosystem — a crucial element of the cyber defense frontier.

Solutions

To strengthen their identity security, the PARKOVYI Data Center conducted a detailed analysis, with the help of their distributor, BAKOTECH, of solutions in the market and decided to choose the CyberArk Identity Security Platform. The choice was based on CyberArk's reputation and the ability of its solutions to integrate with purpose-built infrastructure. In addition, the ability to scale the solution allows a phased and logical expansion of the functionality in alignment with their needs.

The solutions implemented are:

- **CyberArk Privileged Access Manager (PAM) Self-Hosted** provides comprehensive protection of privileged identities and accounts. Its functionality includes isolating, monitoring and controlling all privileged sessions, discovering and centrally managing critical accounts and roles to prevent them from being compromised, and allowing access to authorized individuals based on the principle of least privilege—while storing and rotating credentials and keys in a secure vault.
- **CyberArk Vendor Privileged Access Manager** (Vendor PAM) is an integrated SaaS solution that enables fast and secure privileged access for vendors, consultants, maintenance personnel and other authorized external third parties. With Vendor PAM, organizations can implement Zero Trust-based just-in-time access, biometric multi-factor authentication (MFA), and privileged credential and session management without the need for VPN clients, passwords, and agents. Vendor PAM helps defend against attacks targeting third-party access while driving operational efficiencies and satisfying audit and compliance requirements.

The main goal of adaptation was to ensure full fault tolerance across all infrastructure components, minimizing downtime risks, and guaranteeing uninterrupted operation even in emergencies. This was a logical objective, given the need for stable and continuous service.

CyberArk's modular architecture has become a key advantage. It enabled the PARKOVYI Data Center team to gradually implement additional functionality and services while using the platform's available capabilities. Oleksandr concluded, "Despite the challenges, the results exceeded our expectations. CyberArk has proven its effectiveness in real-world conditions."

Results

Implementing CyberArk led to significant improvements at PARKOVYI DC, namely:

- **Reliable protection of privileged access** and implementation of privileged session recordings.
- **Adoption of the principle of least privilege**: each user or system receives only the access necessary to perform their tasks, which minimizes the risks of unauthorized access and permission to sprawl.
- **Automation of password policies**: automatic rotation, creation of complex passwords, and management of their validity period.

"The CyberArk Identity Security Platform allows us to not only protect our infrastructure but also make customer services more secure. Now we are sure that privileged access is properly controlled and secured."
– Oleksandr Tkachenko, Head of the IT Infrastructure Development Department at the PARKOVYI Data Center

In the future, the PARKOVYI Data Center plans to expand CyberArk's functionality, particularly by implementing solutions to protect business users and integrating CyberArk as part of customer services. These steps aim to strengthen the cybersecurity of their infrastructure and services to meet today's challenges. The data center also plans to increase the protection of internal processes and provide customers with access to best-in-class security practices as part of their service.

Key benefits

- Reliable and seamless protection of human and machine identities and secrets.
- Transparent access control with detailed logging and auditing capabilities.
- Seamless integration with existing infrastructure and technology stack.
- The ability to scale and build a modern PAM program for additional real-world use cases.

Related customer stories

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