
PARKOVYI
DATACENTER

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PARKOVYI Data Center is the only commercial data center in Ukraine certified as TIER III by the Uptime Institute, in accordance with the international TIA 942 standard. Our Mission: To ensure efficient and stable operation of IT infrastructure for Ukrainian businesses and government institutions.

OUR MISSION

To ensure the efficient and stable operation of the IT infrastructure of Ukrainian businesses and government institutions

2020
- Equipment modernization completed
- Transition to a unified Cisco standard

2021
- Public Cloud launched on VMware and Hyper-V

2022
- First Private Cloud projects commissioned

2023
- Launch of CDI (Cloud Desktop Infrastructure)

2024
- Strengthening of data protection ecosystem and implementation of additional cybersecurity services

2025
- Launch of Retention Lock Backup + Data Domain and a microservice platform based on RedHat OpenShift

PARKOVYI DATACENTER

OUR CLIENTS

We are trusted by government institutions and the largest private businesses in Ukraine.

Банк Кредит Дніпро
НАФТОГАЗ ГРУПА
EY
БОГДАН
Дія
ДСБТ
ТЕК ТОРГОВА ЕЛЕКТРИЧНА КОМПАНІЯ

CERTIFICATES, PARTNERS AND TECHNOLOGIES

Information security and service quality are ensured in accordance with international and Ukrainian standards

- KZSI
- ISO 27001:2022
- ISO 27701
- PCI DSS 4.0.1
- ISO 9001
- SAP
- NBU compliance
- ISO/IEC 27017
- ISO/IEC 27018

Key compliance certificates of our technical team

Solutions and statuses from global technology leaders

DELL Technologies
veeam VCSP Competency Approved Partner
vmware
Microsoft
MARATHON™
APC by Schneider Electric
PANDUIT®
CISCO
SAP Partner
FG WILSON
vmware® by Broadcom
intel
BROADCOM PREMIER PARTNER VMware Cloud Service Provider (VCSP) VMWARE

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BUILDING A SECURE AND GEOGRAPHICLLY DISTRIBUTED INFRASTRUCTURE

- Kyiv
- Lviv
- Warsaw
- Vilnius
- Frankfurt

PUBLIC CLOUD ON VMWARE BY BROADCOM

ABOUT THE SERVICE:

- ↳ Sites located in Kyiv and Lviv
- ↳ Trial period and additional services available
- ↳ Monthly billing
- ↳ Managed through vCloud Director
- ↳ IaaS infrastructure available in Ukraine or the EU
- ↳ Flexible resource scaling
- ↳ Certified by ISO 27001, ISO 27001:2022, ISO 9001, ISO/IEC 27017, ISO/IEC 27018, PCI DSS 4.0.1, KZSI, PCI DSS, SAP, and MFA
- ↳ SLA: 99,95%

PRIVATE CLOUD

A **Private Cloud** is a physically isolated virtual infrastructure built to match the customer's existing IT infrastructure. All resources for cloud services (servers, data storage systems, network components, and software) are provided to you as a service.

Service available in Kyiv, Lviv or the EU

A private cloud enables you to quickly build geographically distributed sites without significant investment

High resource performance

The private cloud is built exclusively for one customer; therefore, both physical and virtual capacities are utilized solely by that client's services

Individual solutions

The private cloud can be customized to meet specific client requirements. The provider delivers a ready-made solution that aligns with the customer's technical needs.

Infrastructure monitoring

Physical level — access control to racks and video surveillance.
Software level — via Zabbix and VMware products.

Cloud management

Access to VMware management components such as vCloud Director

Cost

For large data volumes and workloads, maintaining a private cloud is more cost-effective than a public one.

OPENSHIFT

OpenShift is a ready-to-use microservice platform based on the Red Hat OpenShift Container Platform, deployed according to the DELL reference design, which allows transforming a monolithic IT infrastructure into a flexible, reliable, and scalable system

Containerization and CI/CD

automation of application development and updates

Secure operation

compatible with bare metal, VMware, OpenStack, AWS, and Azure

Flexible scaling

resources are added only where needed

Failure resilience

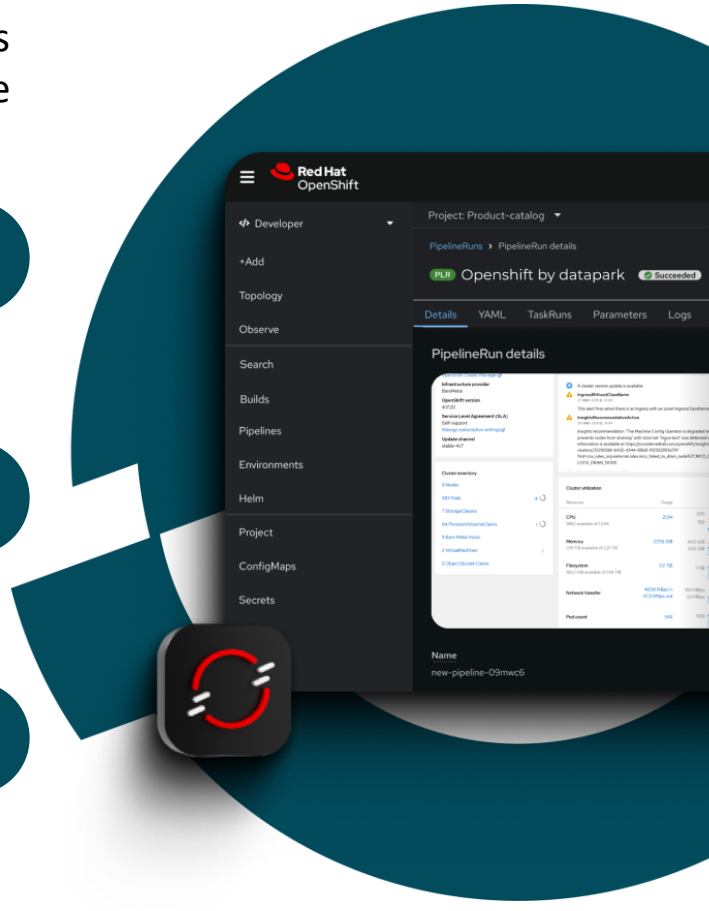
automatic recovery of services and load balancing

Microservice architecture

independence of components and accelerated development

Integration with Retention Lock Backup + DRaaS

for continuous operation even in the event that one of the sites becomes unavailable



Retention Lock Backup

Retention Lock Backup is a solution for protecting critical data by making backup copies "immutable" for a defined retention period.

- ↳ Protection against malware, especially ransomware
- ↳ Prevention of accidental or intentional deletion of backups
- ↳ Compliance with security policies and regulations
- ↳ Integration with Veeam Backup & Replication
- ↳ Use of Dell DataDomain hardware with “lock” support

PCI DSS

PCI DSS 4.0.1 is an international payment card data security standard implemented within the PARKOVYI Data Center, designed for the processing, storage, and transmission of payment data.

↳ Compliance with PCI DSS, Visa, and regulatory requirements for payment data storage

↳ Certified environment ready for audit — no need to build security from scratch

↳ Public and private clouds, as well as server colocations, fully comply with PCI DSS requirements

↳ Part of the security requirements is delegated to the data center, reducing the audit scope and simplifying verification

DRAAS

ABOUT THE SERVICE

- ✓ Replication using VMware or Veeam
- ✓ Launch of a disaster recovery site within 30 minutes
- ✓ Partial resource-based billing
- ✓ Disaster recovery site hosted in a private cloud
- ✓ Sites available in Kyiv, Lviv, and Warsaw

BAAS

ABOUT THE SERVICE

- ✓ Backup using Veeam
- ✓ Integration with Veeam B&R Server
- ✓ Reservation of physical infrastructure
- ✓ Protection against backup deletion
- ✓ Sites available in Kyiv, Lviv, and the EU

CDI

CDI – cloud desktops based on VMware Horizon. The solution helps organize stable remote work for employees thanks to the reliable infrastructure components of the data center, designed to ensure uninterrupted operation under any scenario.

- By centralizing workloads and resources, you can utilize capacity that usually remains idle
- A new workplace is deployed within minutes
- Data never leaves the secure system perimeter and cannot fall into unauthorized hands
- Reduced logistics and endpoint maintenance requirements
- The system is built without a single point of failure, minimizing downtime for employees
- The solution requires zero upfront investment, starts with a minimal cluster, and scales modularly saving costs

PARKOVYI DATA CENTER

Territory, Autonomy, and Security

- Server rooms are built using the “room within a room” principle, ensuring additional protection against any external threats
- Stable operation without a single interruption — not even for a second

Cooling System

- Dual-circuit cooling system
- The free cooling function uses outside air during the cold season to achieve high energy efficiency

Power Independence and Autonomy

- Three uninterruptible power sources of 1.6 MW each, with one in reserve.
- An autonomous diesel generator power station capable of providing stable, round-the-clock operation of the data center.

Fire Suppression System

- Fire alarm and automatic gas fire suppression system.
- Each server room is equipped with an autonomous fire suppression system based on Novec 1230 innovative gas, which is safe for both people and IT equipment.

SECURITY AND RELIABILITY OF INFRASTRUCTURE

- External power supply capacity — up to 4 MW
- Three independent power sources of 1.6 MW each
- Autonomous diesel generator power plant
- Certified to operate with government institutions and any type of business

Ukraine:

TIER III Design, ISO 9001, ISO/IES 27001:2022, ISO/IES 27701, KZSI, NBU compliance No.243, PCI DSS 4.0.1, ISO/IEC 27017:2015, ISO/IEC 27018:2019

EU:

TIER III Design and TIER III Facility, ISO 9001, ISO/IES 27001:2022, ISO/IES 27701, Professional, EPI-DCOS Level 4, PCI DSS 4.0.1

SERVER EQUIPMENT PLACEMENT

Fault tolerance is confirmed by TIER III certification

Power per rack — 8 kW or adjusted according to the client’s request

Migration to a preconfigured infrastructure with the support of data center specialists

Stable operation without any interruptions, even during blackouts

Structured cabling system — high-quality and reliable physical connectivity

Access to equipment is granted only to the client or their authorized representative

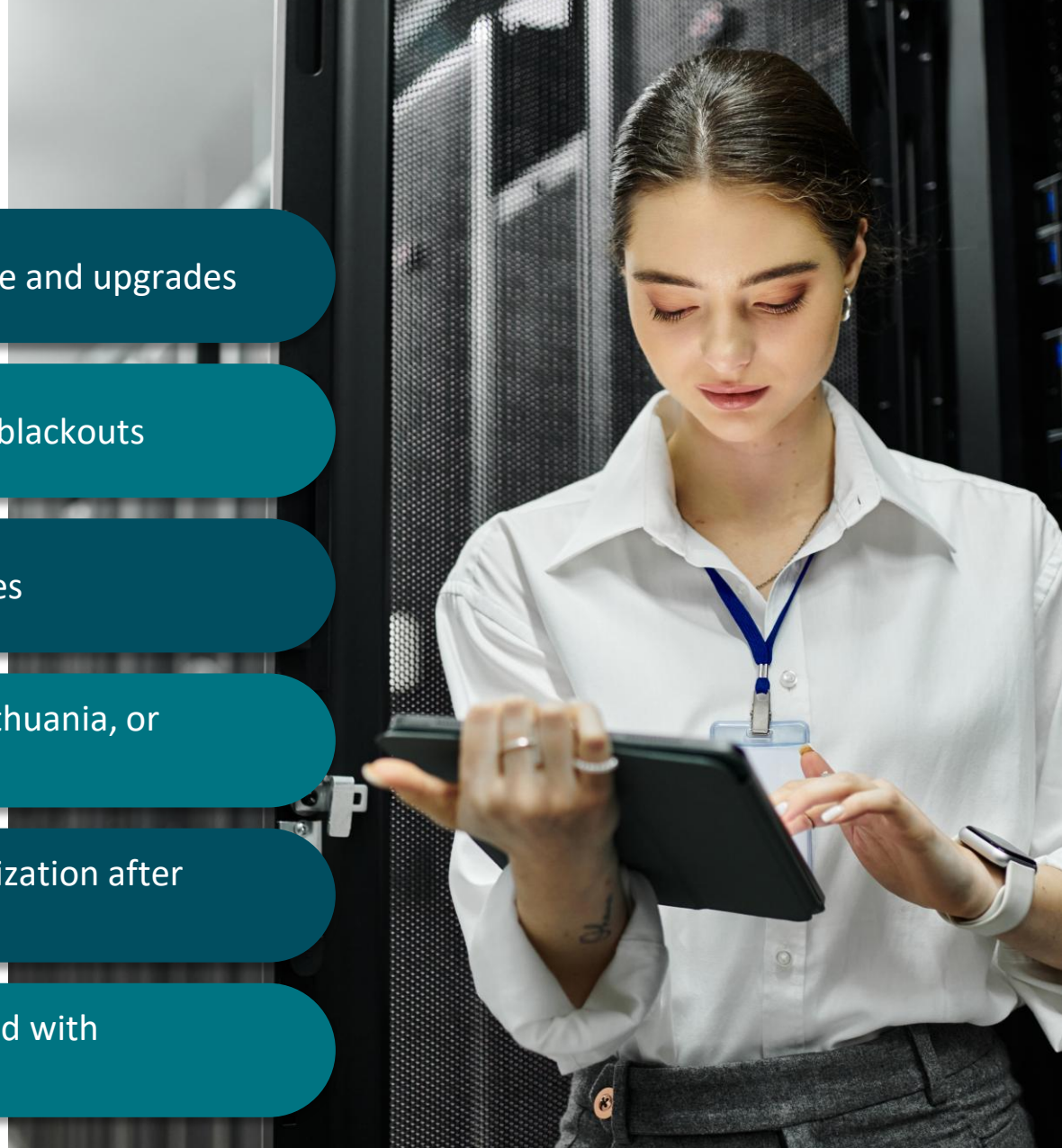
Shielded Rooms

Кімнати оснащені інструментами безпеки класу А та системою контролю і раннього сповіщення про відхилення мікроклімату VESDA.
Ми маємо всі необхідні сертифікати відповідності для роботи як з держустановами, так і бізнесом будь-якого масштабу.

- ✓ Physical access is restricted to a limited group of employees
- ✓ A separate shielded room is available for special requirements
- ✓ Access control system configured upon client request
- ✓ Integration of additional security or monitoring measures
- ✓ Complete isolation from electromagnetic interference
- ✓ Fire suppression, alarm, and video surveillance with client access
- ✓ Microclimate control via VESDA early warning system
- ✓ Monitoring of operations and task execution by data center specialists

What Tasks Our Clients Solve

- Reducing the cost of IT infrastructure maintenance and upgrades
- Protection against prolonged power outages and blackouts
- Geographic data distribution across additional sites
- Cloud infrastructure replication in Lviv, Poland, Lithuania, or Germany
- Migration back to Ukrainian cloud and cost optimization after hosting in AWS and Azure
- Multi-cloud approach — mitigating risks associated with dependence on a single provider



WHAT OUR CLIENTS GET

Infrastructure Optimization

Every cloud service is built on new A-grade equipment and uses the latest software versions. This allows for resource optimization and the creation of efficient IT landscapes

Speed

The ability to obtain large amounts of resources within tight timeframes

Reliability

Physical sites and IT infrastructure are certified according to TIER III requirements, with vendor support for both hardware and software

Security

Our experience in building infrastructure for critical services has been proven even during wartime

Trusted Partner

The knowledge and expertise of our engineers are available to solve clients' infrastructure challenges

Operational Costs

The solution requires zero capital expenditure, starts with a minimal cluster, and scales modularly — saving costs

STARTING COOPERATION WITH US IS VERY EASY

WE WILL SELECT volume and set of necessary resources and services

WE WILL HELP to migrate and configure your infrastructure

WE WILL TEST and fine-tune the system for the best performance

WE WILL STAY in touch with you 24/7

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EXAMPLE OF BUILDING A PRIVATE CLOUD FOR HIGH-LOAD SYSTEMS

Дія

Ukrainian e-government service platform Diia — used by more than 20 million Ukrainians and growing daily.

TASK

Building a separate fault-tolerant site with subsequent service migration.
The goal is to create a geographically distributed solution that is resistant to external factors and easily scalable.
A critical requirement is the provider's possession of a KZSI certificate

SOLUTION

Deployment of an isolated software and hardware complex, along with configuration of network interaction with the client's additional site

RESULT

A reliable isolated site that fully meets state information security requirements

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