



PARKOVYI

DATACENTER



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About the company

"PARKOVYI" DATA CENTER is the only commercial data center in Ukraine that holds a TIER III certificate from the Uptime Institute, which complies with the international standard TIA 942.

Our mission

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

Our clients

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



PARKOVYI
DATACENTER

2020

2021

2022

2023

Upgraded equipment and transitioned to a unified DELL and Cisco standard

Established a Public Cloud based on VMware and Hyper-V

Implemented the first projects of the Private Cloud

Launched the CDI service (Cloud Desktop Infrastructure)

Certificates, partners and technologies

Information security and quality of service provision in accordance with international and Ukrainian standards

CIS

ISO 27001:2022

ISO 27701

PCI DSS 4.0.1

ISO 9001

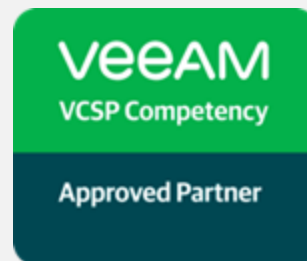
SAP

Compliance with the requirements of the National Bank of Ukraine

Key compliance certificates of our technical team



Solutions and status from top global vendors



We are building a secure and geographically distributed infrastructure

- Kyiv
- L'viv
- Warsaw
- Vilnius
- Frankfurt



Public Cloud on VMware/Hyper-V

About the service:

- IaaS infrastructure in Ukraine or the EU
- Data centers in Kyiv and L'viv
- SLA: 99,95%
- Trial period and additional services
- Flexible resource scaling
- Management through vCloud Director/VMM
- Monthly billing
- ISO 27001, 27701, 9001, CIS, PCI DSS, SAP certifications and two-factor authentication



Private Cloud

The **Private Cloud** refers to a virtual infrastructure that is physically isolated and constructed within the client's valid IT infrastructure. All resources for cloud services (servers, data storage systems, network components and software) are provided to you as a service.



● The service is available in Kyiv, L'viv or the EU

The Private Cloud enables the quick setup of geographically distributed platforms without significant investments.

● Individual Solutions

The Private Cloud can be customized to meet the client's specific needs. The provider offers a solution that aligns with the technical requirements.

● Cloud Management

Access to VMware management components such as vCenter, vRealize Log Insight, NSX, etc.

● High level of resource performance

The Private Cloud is built exclusively for one client, so physical and virtual capacities are utilized by services for only one client.

● Infrastructure Monitoring

Physical Level: Access control to the cabinet and video surveillance.

Software Level: Zabbix, VMware products.

● Cost

In case of large volumes of data and workloads, the Private Cloud is more cost-effective than the Public Cloud.

DraaS

About the service:

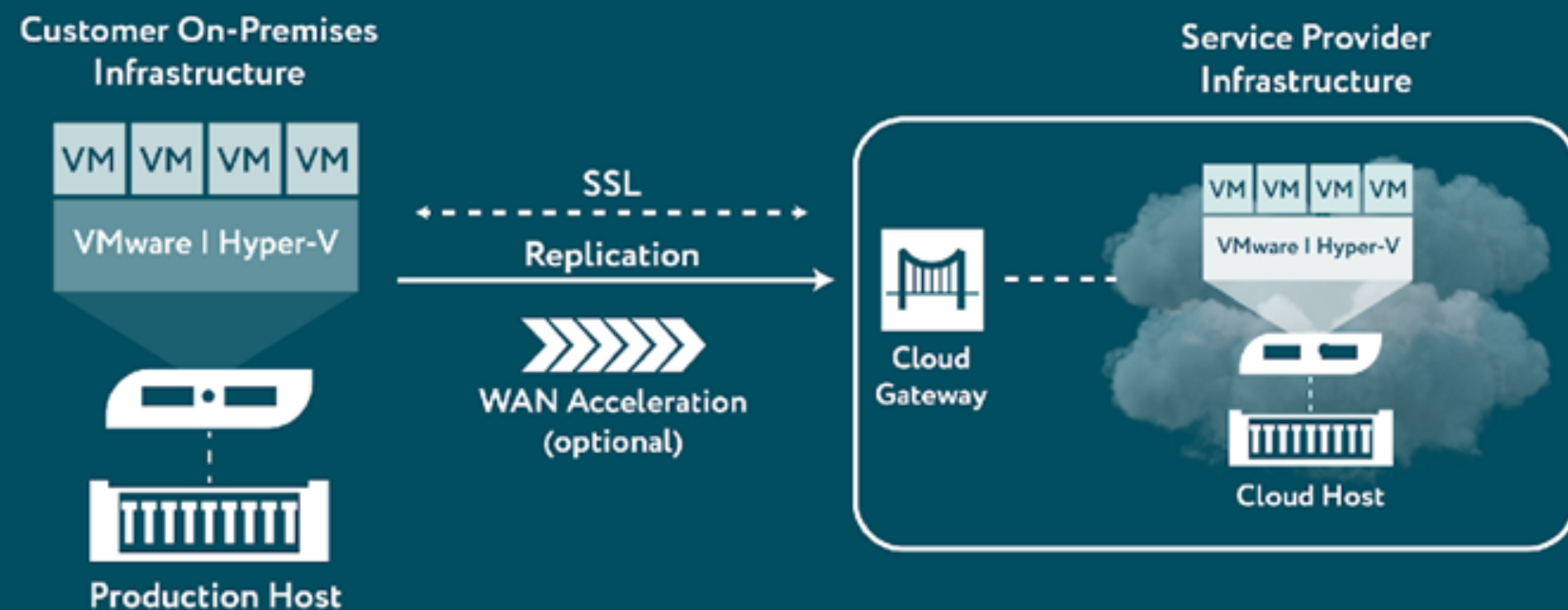
Replication using VMware or Veeam

Launching a backup platform within 30 min

Partial resource billing

Backup platform in a Private Cloud

Platforms available in Kyiv, L`viv and Warsaw



BaaS

About the service:

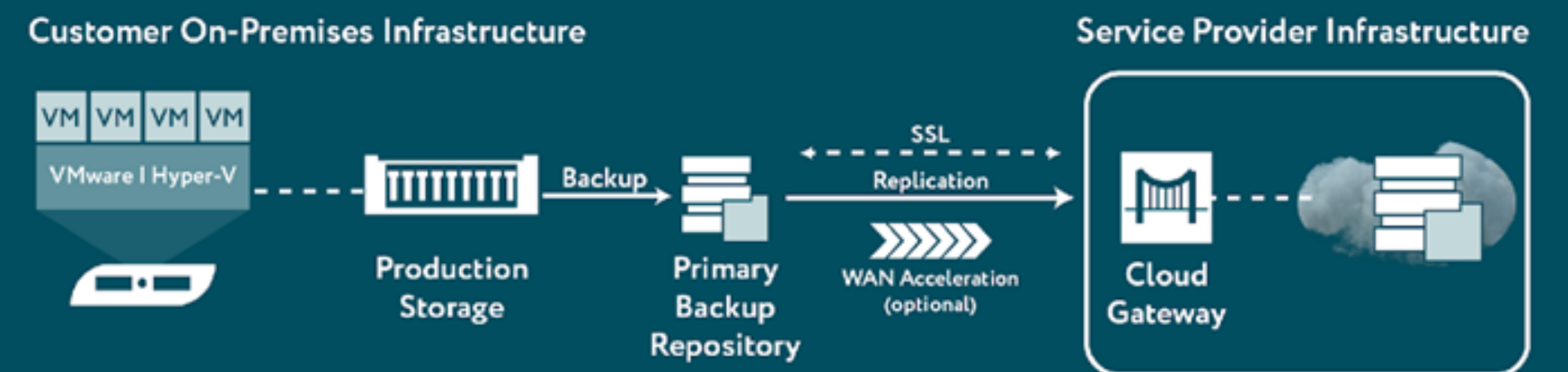
Backup using Veeam

Integration with the client's Veeam B&R Server

Reserving physical infrastructure

Custom backup plan

Platforms available in Kyiv, L`viv and Warsaw



CDI

CDI is a cloud-desktop infrastructure powered by VMware Horizon. This solution enables you to effectively manage remote work for your employees by utilizing a robust data center infrastructure that operates seamlessly in various scenarios.



By consolidating workloads and resources, you can optimize capacity that would typically remain unused.



A new workstation can be deployed in just a few minutes.



The system is designed to function without any single points of failure, minimizing employee downtime.



Data remains within the secure perimeter of the system, ensuring it does not end up in the wrong hands.



Logistics and end-user device maintenance requirements are reduced.



The solution is provided with zero investments, starting with a minimal cluster and expanding in blocks to save costs.

"PARKOVYI" DATA CENTER



Territory, autonomy and security

- Server rooms are built on the principle of "room within a room", which guarantees additional protection against any threats
- Stable operation without a single second of downtime.



Cooling System

- The dual-circuit cooling system
- The free-cooling function utilizes outdoor air during colder seasons to provide high energy efficiency.



Energy independence and autonomy

- Three uninterruptible power supplies of 1.6 MW each, one of which is in reserve.
- An autonomous diesel-generator power plant capable of providing stable and round-the-clock operation of the data center for 10 days without additional fuel deliveries.



Fire Suppression System

- The fire alarm system and automatic gas fire suppression system
- Each machine room is equipped with an autonomous fire suppression system based on the innovative Novec 1230 gas, which is safe for health and IT equipment.

Security and reliability of infrastructure

External power supply sources with a capacity of up to 4 MW

Three uninterruptible power supplies of 1.6 MW each

Own autonomous diesel generator

Certificates for working with the public sector and any businesses

Ukraine:

TIER III Design, ISO 9001, ISO/IEC 27001:2022, ISO/IEC 27701, KSU, NBU №243 conformity, PCI DSS 4.0.1



EU:

Certificates TIER III Design and TIER III Facility, ISO 9001, ISO/IES 27001:2022, ISO/IES 27701, Professional-level employee certificates, EPI-DCOS level 4, PCI DSS 4.0.1.



Server equipment placement



Fault tolerance confirmed by TIER III certification



Migration to prepared infrastructure with the support of data center specialists



Structured cabling system - high-quality and reliable physical connection



Power per rack – 8 kW/rack or adaptation to client request



Stable operation without any downtime, even during a blackout



Access to equipment only for the client or their authorized person

Shielded rooms

Physical access only for a select group of employees



Separate shielded room for special needs



Access control system upon client request



Integration of additional security or monitoring measures



Complete isolation from electromagnetic interference



Targeted local fire suppression system



Alarm system and video surveillance with client access



Monitoring of work and task execution by data center specialists



Rooms equipped with class A security tools and a VESDA early warning and microclimate deviation control system. We have all necessary compliance certificates for working with both government institutions and businesses of any scale.

Challenges solved by our clients

Reduction of costs for servicing and updating IT infrastructure

Protection against long power outages and blackouts

Geographical distribution of data across additional platforms

Duplication of Cloud infrastructure in L`viv, Poland, Lithuania or Germany

Returning to the Ukrainian Cloud and optimizing resources after placement in AWS and Azure

Multicloud - spreading risks associated with dependence on a single contractor



Benefits for our clients



Infrastructure Optimization

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



Speed

The ability to obtain a large volume of resources in compressed timeframes.



Reliability

Physical facilities and IT infrastructure are certified according to TIER 3 requirements. Support is available from equipment and software vendors.



Security

Our experience in building IT infrastructure for critical services has been tested during times of war.



Reliable Partner

The knowledge and skills of our engineers are available to solve client's infrastructure challenges.



Operating Expenses

The solution is provided with zero capital costs, allowing for launch with a minimal cluster and expansion in blocks, saving resources.

Starting cooperation with us is very easy

We will determine

the scope and set of necessary resources and services

We will assist

in transferring and configuring your infrastructure

We will adjust

the work for the best result

We will stay

connected with you 24/7



Example of building a Private Cloud for high-load systems



Ukrainian electronic government service.
The service is used by more than 20 million Ukrainians and their number is growing daily.

Task

Creating a separate fault-tolerant platform with subsequent service migration. The goal is to create a geographically distributed solution that is resistant to external influences and easily scalable. The presence of a CIS certificate is critical.

Solution

Creating an isolated software-hardware complex and configuring network interaction with the client's additional platform.

Result

A reliable isolated platform that fully complies with state requirements for information protection.

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ДАТАЦЕНТР
ПАРКОВИЙ

