PARKOVYI
DATACENTER

CONTENTS

- About the Company 3
- Certificates, Partners, Technologies 4
- Infrastructure in Ukraine or the EU 5
- Public Cloud 6
- Private Cloud 7
- Backup and Disaster Recovery 8
- CDI - Cloud Desktop Infrastructure 9
- About the "PARKOVYI" DC 10
- Challenges solved by our clients 11
- Benefits for our clients 12
- How to start cooperation with us 13
- Example of a Implemented Project 14
- Our Contacts 15

PARKOVYI
DATACENTER

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
- 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 27001:2022, ISO 27701, ISO 9001, CIS, 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.

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.

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.

Infrastructure Monitoring

Physical Level: Access control to the cabinet and video surveillance.
Software Level: Zabbix, VMware products.

Cloud Management

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

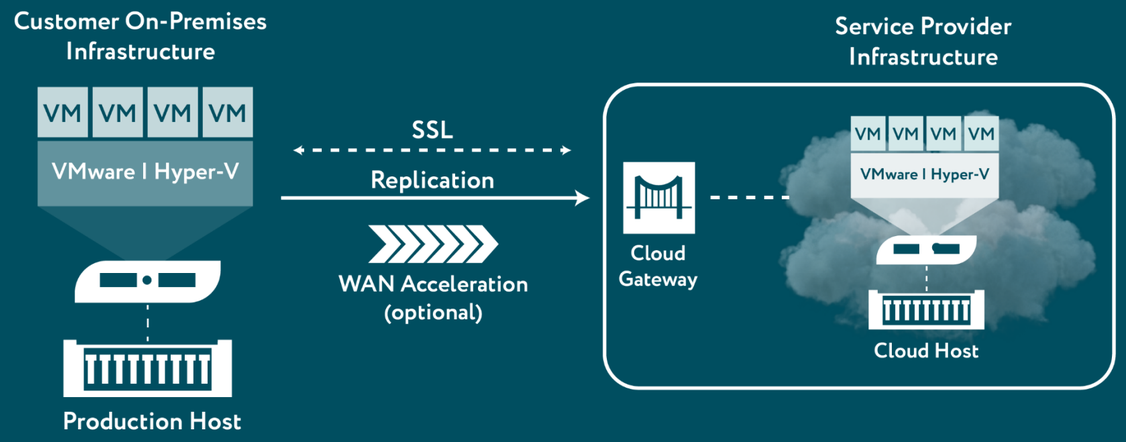
Cost

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

DraaS

About the service:

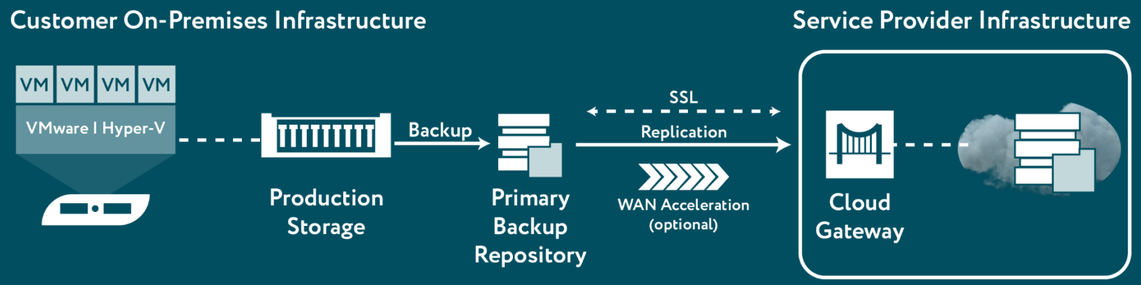
- Replication using VMware or Veeam
- Launching a backup platform within 30 min
- Partial resource billing
- Backup platform in a Private Cloud
- Platforms available in Kyiv, L`viv and Warsaw



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

- Uninterruptible power supplies 1.6 MW*3 units with one in reserve
- 4 autonomous diesel generator sets at 1.7 MW each, capable of ensuring stable and round-the-clock operation of the data center.

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.

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

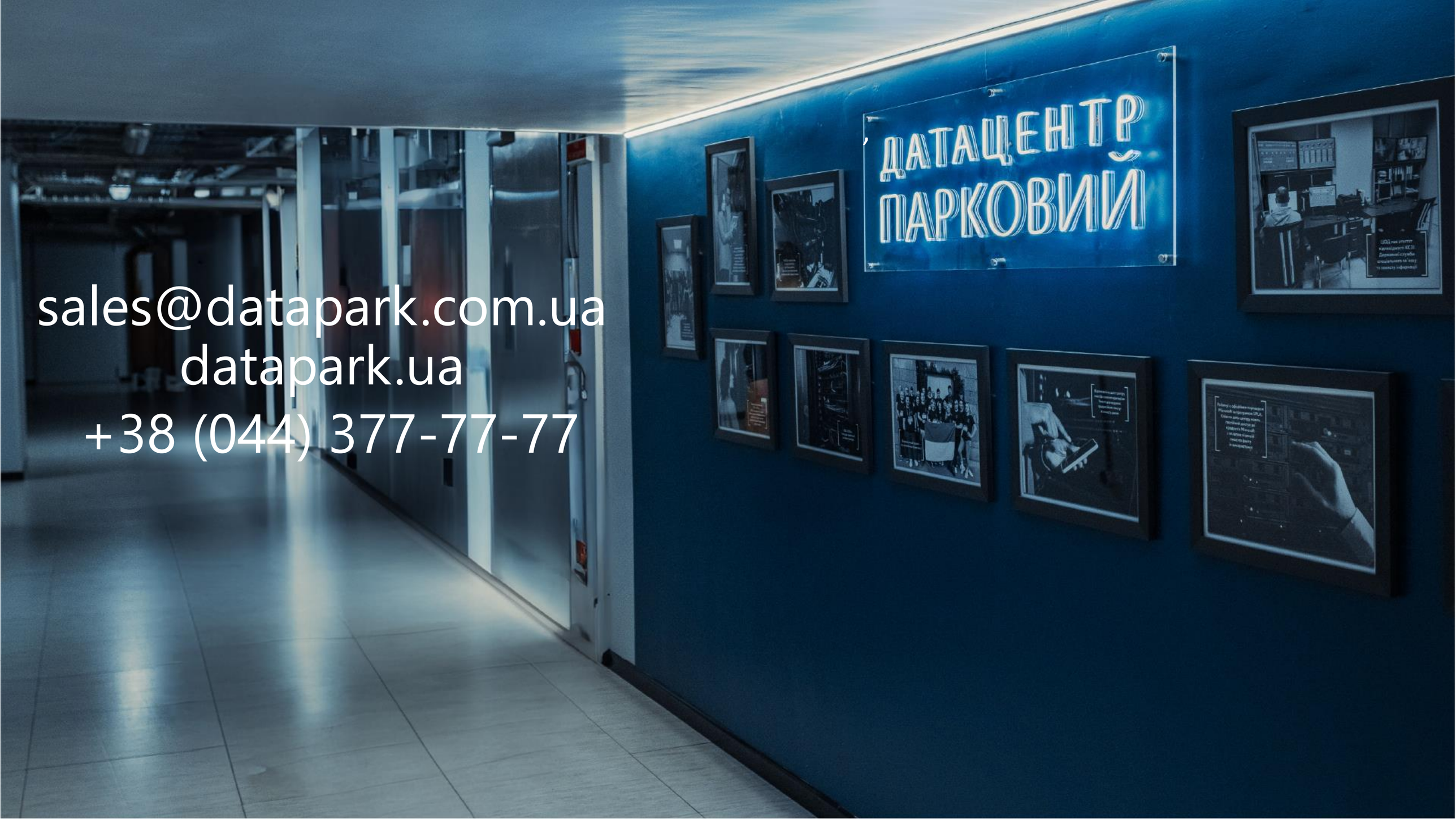
Creating a separate fault-tolerant platform with subsequent service migration. The goal is to create a geographically distributed solution that is resistant to external influences and easily scalable. The presence of a CIS certificate is critical.

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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