



OUR DATA CENTER



DATASPACE

FACILITY

Data Center from scratch

Our Data Center has been designed and built from scratch - from foundations up to the roof. This helped us avoid problems and limitations that typically occur when industrial facilities are adapted to serve as Data Processing Centers.



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CONNECTIVITY

Optical fiber with path protection

Currently, our Data Center is connected directly with optical fiber to three nationwide networks. This allows us to provide access to domestic and global internet resources. Fiber optic connections feature path protection to compensate for potential critical points of failure.

We are also connected to domestic IP traffic exchange points.



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SURFACE

Over 200 48U racks

Colocation rooms of our Data Center have a total area of 600 sq m. Each room is equipped with special kiosk constructions which ensure a very effective cooling flow (warm-cold aisle).

Each rack features an individual temperature sensor, humidity sensor, as well as door opening detectors.



SECURITY

Monitoring 24/7/365

We monitor all Data Center resources 24/7/365. We use extensive monitoring systems that detect both Data Center system failures (air-conditioning, power supply, access control, video monitoring, cabinet opening, etc.), as well as failures of IT systems and IT environments of our clients.



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SECURITY

Access control

The Data Center facility is separated by a special fence with video monitoring zones. Additionally, we have selected a number of zones with multi-level access control. Every attempt to enter the Data Center area requires identification.

The whole area inside (communication routes and rooms) is covered by video monitoring and anti-burglary systems.



FIRE PROTECTION

Early fire detection system

The Data Center facility is equipped with a super-sensitive early fire detection system. Special sensors monitor all important Data Center rooms and can quickly detect even the smallest smoke or identify any ignition.



FIRE PROTECTION

Gas extinguishing system

All colocation rooms, as well as Data Center auxiliary infrastructure rooms, are covered by a professional system of automatic gas extinguishing system.



FIRE PROTECTION

Oxygen reduction system

We use the unique OxyReduct® fire protection system that reduces the oxygen level in colocation rooms. The reduced oxygen level is not harmful to people and at the same time prevents any appearance of an open flame.



POWER SUPPLY

Independent energy networks

Our Data Center is directly connected to two independent national energy networks. Thus, a failure in the power supply of one of the networks causes automatic switching to the other power grid.



POWER SUPPLY

Uninterruptible power source (UPS)

Our Data Center has been equipped with an automatic power backup system (UPS). Its purpose is to provide uninterruptible power supply of the Data Center for the period needed for automatic activation of power generators (in the case of power failure from power grids).



POWER SUPPLY

Power generators

To ensure full continuity of energy supply for the Data Center, the facility has been equipped with professional power generators (working in the 2N+1 system).

If power loss is detected in power grids, the generators start automatically.



AIR CONDITIONING

Precision conditioning cabinets

All colocation rooms are equipped with Stulz precision air conditioning cabinets - operating in the protection system (1+1). This allows for precise control of humidity and temperature in each of our Data Center rooms.



AIR CONDITIONING

Protection of air-conditioning Freecooling

Failure of one cold circuit causes the system to automatically switch to the backup system. In addition, we strive to protect the natural environment and use a system of dry coolers, which significantly reduces the electricity consumption of the object.






Contact us!

Questions? We are at your disposal.

Sales Team

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