

# Moscow South Campus

IXcellerate is a leading carrier-neutral data center operator that provides scalability and redundancy for your business growth across two campuses in Moscow.

As a leading commercial data center operator in Russia with a 10-year history, we are proud to invite you to our new campus: IXcellerate Moscow South. It will unite several data centers across 34 acres (14 ha). Once fully developed, the total power capacity of the campus will reach 247 MW ready to house over 17 000 racks. The first phase of the MOS5 data center is already commissioned!

IXcellerate facilities are designed to accommodate modern high-load servers and infrastructure for ultra-dense computing in accordance with the Tier III reliability level.

With the construction of IXcellerate Moscow South we are doubling down on power efficiency and sustainability, reducing the footprint of the embodied carbon. Focusing on green tech and repurposing materials, IXcellerate aims to deliver industry leading design PUE of 1.3.

Connectivity-wise, customers of Moscow South will be able to connect to over 200 networks, enjoying access to a vast digital ecosystem of cloud and technology companies including IXcellerate's own Internet exchange platform Eurasia Peering.

**4**

Data centers

**14 ha**

Campus size

**247 MW**

Total power

**50+**

Carriers

# IXcellerate Moscow South campus features



## Location

- Within Moscow metro area
- 27 km to the nearest airport
- Accessible by public transport and inner city trains
- 30 km to the IXcellerate Moscow North Campus
- Less than 9 km distance to MSK-IX



## Facility

- Data centers: MOS5, MOS6, MOS7, MOS8
- Total rack capacity: 17 400
- MOS5 rack capacity: 4550
- Project PUE: 1.3
- Hypercloud-ready infrastructure
- Adherence to PCI DSS and Tier III standards



## Power

- MOS5 total power: 81 MW
- 2N UPS power with 99.982% SLA
- Diverse power supply routes from city grid
- Centralized N+1 standby diesel generators



## Cooling

- N+1 redundancy
- In-row cooling
- Highly efficient cooling systems
- ASHRAE-ready



## Physical security

- 6 levels of physical security
- 24/7 dedicated onsite security team
- Non-contact biometric access system
- CCTV with motion detectors
- Airlocks, speed stiles, mantraps
- Strict access and authorization policies and procedures



## Fire suppression

- Early smoke detection system VESDA
- Integrated fire alarm and annunciation system
- Automated HI-FOG® water mist system and gas-based fire suppression with NOVEC 1230 agent
- Leak detection system

## Sustainable technologies onsite

- Deployment of repurposing materials
- Utilization of excess heat and rain water
- Use of thermal springs and heat pumps
- Highly energy-efficient critical infrastructure
- Waste separation and collection

## Services



## Colocation

- Scalable deployment: from 1 rack to a dedicated data hall for 500+ racks
- Installations in dedicated caged areas and suites (slab-to-slab, roll shutters)



## Ultra high power density solutions

- Up to 25 kW per rack
- Modular design
- Hot aisle containment



## Customer Support

- 24/7/365 client service desk
- Remote hands
- Zendesk customer portal
- Ticket response time <15 minutes
- Multi-language support
- Customized reports and audits



## Auxiliary services

- Large office and storage facilities with designated cargo routes and oversized doors
- Protected parking lot
- Disaster recovery office and board rooms
- Fully equipped workplaces for the technical support team



## Connectivity & Ecosystem

IXcellerate data centers are neutral and offer a fully-fledged ecosystem of telecom operators, system integrators, cloud service providers and internet exchange platforms. We provide value and choice to help our customers meet their strategy by being a one-stop service for any IX and telecom needs.

- Over 50 telecom operators with high-speed Internet access and low latency
- Multiple independent fiber Points of Entry
- Inter- and intra-campus connections
- Meet-me-rooms
- Access to multiple IX platforms, including Eurasia Peering and MSK-IX

# IXcellerate Moscow South campus map



	MOS5 entrance		Parking lots
	Building entrance		Canteen
	Navigation route		First aid kit
	Loading area		Fire escape
	Construction zone		Lavatory
	Turnstile/biometric door		

## We are trusted by



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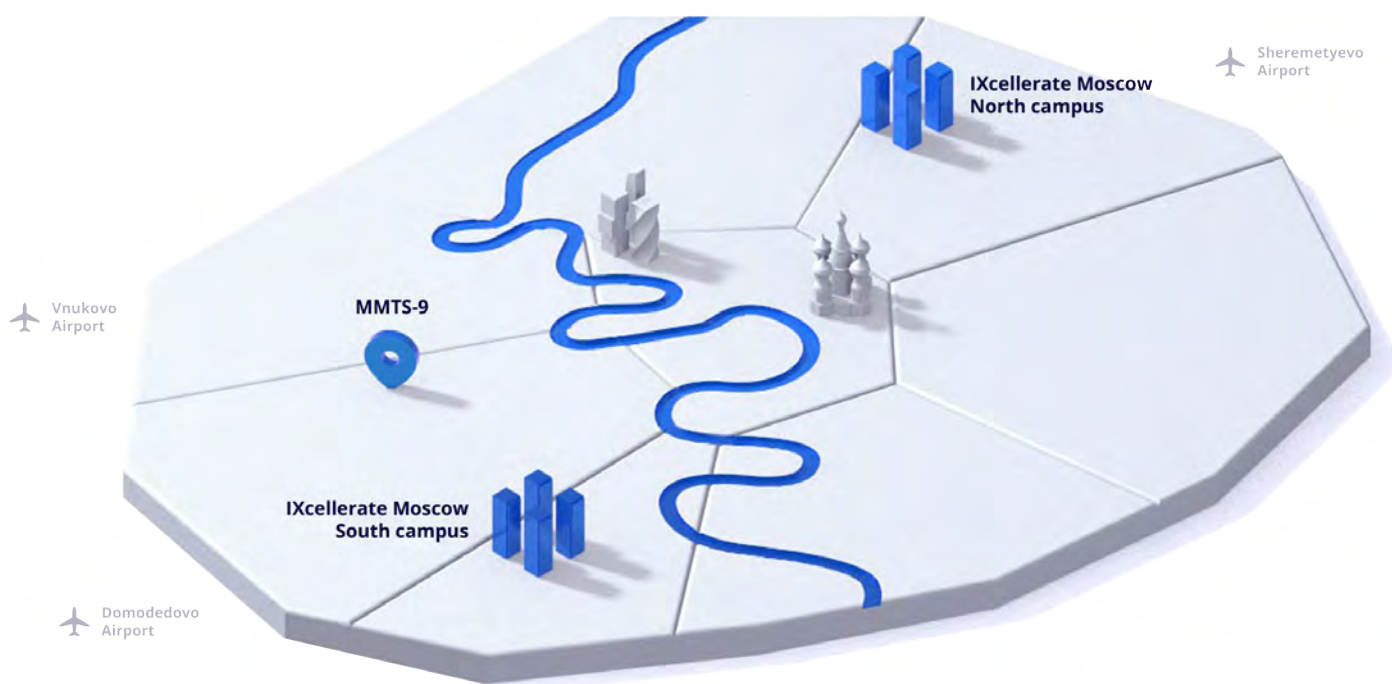
## Facilities

### IXcellerate Moscow North Campus

Data centers: MOS1, MOS2, MOS3, MOS4  
Total power: 68 MW  
Rack capacity: 6000

### IXcellerate Moscow South Campus

Data centers: MOS5, MOS6, MOS7, MOS8  
Total power: 247 MW  
Rack capacity: 17 400



## Contacts

### IXcellerate Moscow North

Altufievskoe shosse 33G, 127410, Moscow

### IXcellerate Moscow South

Podolskikh kursantov 15B, 117997, Moscow

+7 (495) 800-09-11  
sales@ixcellerate.ru  
[www.ixcellerate.com](http://www.ixcellerate.com)