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ISTRA ID DIGITAL

DIGITAL BREAKTHROUGH IN RUSSIA

WWW.ISTRADIGITAL.COM

INFO@ISTRADIGITAL.COM

+7 (495) 662-57-10

+7 (495) 662-77-13

ISTRA ID DIGITAL

IMPLEMENTING INNOVATIVE IDEAS

ISTRADIGITAL is a digital cluster located in an ecologically clean area of th Moscow region on a land area of 241,6 hectares (600 acres), which includes three technological zones:

- Data Center Park (62,2 hectares/153,7 acres)
- Multifunctional complex (foresight center, Congress hall, coworking, educational campus, hotel and sports complex)
- Agricultural cluster

***Data Center Park** is the core of the Digital cluster ISTRADIGITAL and the largest digital hub in Russia*
Capacity - 250 MW (extension up to 450 MW)
Number of racks - about 40,000 pcs

Infrastructure

The technological platform of the Data Center Park is connected to the main national traffic exchange point MMTS-9 via three independent FOCL (from 96 fibers) Provision of a wide choice of carriers

High-speed low-latency communication channels provide convenience of equipment placement for both regional and international companies while ensuring high QoS performance

Three independent high-voltage (220 kV) connections to the Federal power grids and own autonomous electric substation of 220/20 kV with the center of uninterruptable power supply provide the maximum connection redundancy and various reservation schemes (N+1/2N/2(N+1)), the certificate of UPTIME TierIII / IV

Service and tariffs

Wide range of services provided: Co-location and rental of racks - 25%, cloud services - 75% (virtual servers, PaaS, SaaS, BaaS, DraaS, SecaaS)

We provide full rack/modular design setup (from 100 to more than 1000 rack configurations)

The minimum electricity tariff allows to provide competitive prices for the services of the Data Center Park

Ideal conditions for international companies focused on the strategy of active growth in emerging markets: the status of the special economic zone provides customers and residents with preferential terms for taxes and custom duties

Possible partnership on the business model Build-to-suit (ready-made solution for a customer's data center)

Team and strategy

- We are a team with over 20 years of experience in the field of building/development and 15 years of experience in the implementation of energy projects in Russia and abroad
- Confirmed list of successfully completed great development projects and objects for the construction of energy infrastructure
- We stick to a clear strategy for the implementation of the project without attracting state budget funding
- Our strategy allows us to offer flexible solutions to our key partners. We are open to any type of transactions and have great potential for growth and business development

Project asset

- Acquired land ownership (241,6 hectares/600 acres)
- Technical guidance for the connection of 250 MW to the electrical network 220 kW the Federal Joint Electric Stock Company (with the prospect of expansion to 450 MW) with fail-safe connection to 3 independent sources was confirmed

Key events of the project

- The object was inscribed in the official branch documents for the national electrical network development, i.e. Scheme of electrical territorial plan of Russia and Program of joint electric network development for 2017-2030
- The power infrastructure with dispatching and monitoring of all the elements is being designed
- A master plan with a multifunctional zoning of the territory is being prepared
- The procedure of closed competitive negotiations on the selection of a contractor for infrastructure design was completed
- The 1st stage (50-100 MW) with the possibility of the acceleration of the construction will be put into operation within 18-24 months