



## BRIGHT IDEAS REQUIRE IMPLEMENTATION MECHANISMS



### COMPLEX PROJECTS OF CREATING DATA CENTERS

Data Centers creation is one of core competencies of Radius Group. We have successfully completed a number of projects of design and creation of engineering systems, telecommunication systems, information, security, power supply, cooling systems etc as well as complex solutions of creating data centers. Radius Group has all the necessary competences for implementing data center projects of any level of complexity:

- **DATA CENTER TELECOMMUNICATION SYSTEM**

- structured cable system
- active network equipment

- **DATA CENTER IT-INFRASTRUCTURE**

- servers of access, servers of applications, servers of data bases management systems
- data storage network

- **DATA CENTER ENGINEERING INFRASTRUCTURE**

- general functioning sub-system:
  - general, uninterruptible and guaranteed power supply
  - technological cooling
  - assembly forms
- security sub-system
  - fire alarm
  - autonomous gas fire fighting
  - video observation
  - access control and management.



## RADIUS GROUP DATA CENTER CREATION AND MANAGEMENT SERVICES



We propose the full range of data center creation and maintenance services:

- data center expertise and planning
- data center design
- data center construction
- data center engineering
- data center network and equipment monitoring
- data center maintenance.

## RADIUS GROUP DATA CENTER PROJECTS

### **ROSTELECOM**

Construction of the corporate data center. General contract

### **VYMEPCOM**

Engineering systems. Cooling

### **ENERGOCAPITALSERVICE**

Engineering systems. Uninterruptible and guaranteed power supply

### **SEVGASPROM**

Engineering systems. Uninterruptible and guaranteed power supply. Cooling

### **STAROOSKOLSKY GOK**

Engineering systems. Uninterruptible and guaranteed power supply. Cooling

### **ELDORADO RETAIL NETWORK**

Engineering systems. Uninterruptible and guaranteed power supply. Cooling

### **MOBILE TELE SYSTEMS (MTS). SOUTHERN MACRO REGION**

Engineering systems. Uninterruptible and guaranteed power supply. Cooling

### **GASPROMNEFT**

Engineering systems. Uninterruptible and guaranteed power supply. Cooling

## ADVANTAGES OF OUR SOLUTIONS

### **We are ready for non-standard solutions**

Building a data center often generates engineering tasks which require a non-standard approach. Radius Group has experience of building data centers in complicated conditions:

- deeply located sites
- feeble ceilings
- sophisticated landscape
- problems with existing engineering communications
- etc.

### **Our solutions are efficient**

We always optimize solutions at the stage of design for three directions:

- space usage
- power usage
- cooling usage.

As a result the Customer receives not only a solution that meets all his requirements but the optimal solution.

### **Our solutions are reliable**

We ensure any necessary level of data center reliability, availability, fault tolerance depending on Customer requirements.