

GTS Telecom

Data Center Operating Capabilities



100% uptime SLA



24/7 proactive technical support



Located on different tectonic plates





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Data Center Overview

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GTS Operating Infrastructure







GTS Data Center Overview

Our data centers are built according to Uptime Institute Tier3 and TIA 942 standards and hold ISO 27001 certification, ONJN class II license, and authorization for conducting electronic archiving operations. They are also compliant with the PCI DSS standard.





BUCHAREST GTS DATA CENTER

Virtual Tour

CLUJ-NAPOCA GTS DATA CENTER

Virtual Tour



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DATA CENT



DATA CENTER GTS CLUJ-NAP



TURURI VIRTUALE



SERVICILE DISPONIBILE ÎN CENTRELE DE DATE GTS



Our Data Centers

Data Center GTS Telecom Bucharest

et pentru

The GTS Bucharest Data Center is a complex of independent data centers, with N+1 redundant technologies, having an installed power of 2MW and a colocation capacity of 250 racks.

- Colocation room, which houses the racks.
- Technology room dedicated to assets: UPS, batteries, fire suppression system, security systems, etc.
- Staging room: area designated for troubleshooting operations for colocated equipment.



Data Center GTS Telecom Cluj Napoca

The GTS Cluj-Napoca Data Center, like the one in Bucharest, features N+1 redundant technologies and has an installed power of 500 kW and a colocation capacity of 60 racks.

- Colocation room, which houses the racks.
- Technology room dedicated to assets: UPS, batteries, fire suppression system, security systems, etc.
- Staging room: area designated for troubleshooting operations for colocated equipment.



Why GTS Operating your **Data Centers**?

100% uptime from day 1 (SLA) in our Data Centers

You will also benefit from:

- 1. Trustworthy company operating Telecom and Data Center business for more than 20 years
- 2. Specialized shift 24/24/7 on Data Center Infrastructure & Operational
- 4. Specialized employees on various vendors related to Data Center equipment
- 5. High competences concerning management of business clients on Telecom and Data Center operations.





3. Certified employees in different competencies related to Data Center and Telecom Infrastructure from Uptime Institute and Romanian Authorities



Data Centre Partners



















Technology Partners































GTS Security Integrated Systems































GTS Infrastructure Operating Services Installation & Maintenance & Monitoring 24 / 24 hours

Here is a more in-depth look on what GTS can offer you in terms of infrastructure, installation, maintenance and 24/24 h monitoring regarding Data Center operating services.

1. Electrical connection in redundant system

Is the essential suite of services for any system to run properly:

- **PDU** Installation, configuration, consumption monitoring & management, diagnosis & remediation, real-time load verification
- **UPS** Monitoring & management of installed power, preventive & corrective maintenance management, periodic battery status check



• Power Generators - Monitoring & management of percentage load vs total capacity, preventive & corrective maintenance management, periodic check of internal battery condition, fuel stock insurance

• Electrical connection to the network - load distribution by phases, preventive & corrective maintenance management, energy quality monitoring



GTS Infrastructure Operating Services Installation & Maintenance & Monitoring 24 / 24 hours

Here is a more in-depth look on what GTS can offer you in terms of infrastructure, installation, maintenance and 24/24 h monitoring regarding our Data Center operating services.

2. HVAC/Cooling in redundant system

Refers to the following benefits and services:

- Preventive and corrective maintenance management •
- Monitoring and management of percentage load vs total capacity ٠
- Efficiency of energy consumption through the COLD AISLE & SMART AISLE system
- Temperature and humidity monitoring •
- Diagnosis and remediation
- Replacing consumables





GTS Infrastructure Operating Services Installation & Maintenance & Monitoring 24 / 24 hours

Here is a more in-depth look on what GTS can offer you in terms of infrastructure, installation, maintenance and 24/24 h monitoring regarding our Data Center operating services.

3. Fire detection and extinguishing system	4. Acce video i
Is maybe one of the most vital systems for any company because it offers safety through:	Makes s Prever
 Preventive and corrective maintenance management Quick intervention Assurance of periodic training and testing 	RemotDetectSpace



cess control and monitoring

security a top priority for you offering:

entive and corrective maintenance management ote system access through dedicated monitoring systems ction and signaling of attack attempts e surveillance automation



Grafana Monitoring

Personalised BMS to better respond to complex monitoring Requests

Grafana offers us umbrella monitoring for all kinds of equipment and alarms for fast response and preventive reaction:

- Power connection to the grid
- UPSs
- PDUs
- Professional Cooling
- **Diesel Generators** •
- Fire Detection & Suppression System
- Humidity & Temperature of Data Rooms





	DC3	DC3.2	DC4
OFF OFF	R G G AUTO OFF OFF	R G1 G2 Antes Media Offer OFFE OFFE <t< th=""><th>R G1 G2 Carter Mode Offer Stop Mode 241 kw 0 kw 0 kw 0 kw 0 fm OFF OFF OFF</th></t<>	R G1 G2 Carter Mode Offer Stop Mode 241 kw 0 kw 0 kw 0 kw 0 fm OFF OFF OFF
kw kw kw tw 12:02 12:04	PT4 Voltage 229 v 227 v 225 v 12:02 12:04 PT4 Voltage Ss0 kw Ss0 kw Ss	PT4 Voltage	PT DC4 Voltage
UPS2 Online	C UPS 1 Online C UPS 2 Online C UPS 3 Online	12:02 12:04 12:02 12:04	12:02 12:04 12:02 12:04
42 min.	44 min. 45 min. 45 min.	C UPS 3 Online UPS 4 Online	C UPS 3 Online C UPS 4 Online
PDX3 ON	Act Act Act CASHOLIN Actional OFF ON ON ON ON ON	24 min. 24 min. 24 min. 37 min.	96 min. 100 min. 100 min. 124 min.
emps 5 °C 19 °C 20 °C	DC3 ToR Temperatures C3C3.1 Top of Rac 15 °C 17 °C 21 °C 22 °C 23 °C 20 °C 19 °C	ON ON ON ON ON ON Standby	Year Peas Peas OA OA Peas Peas ON OFF ON OFF OFF OFF OFF
311 B18 B24	A34 A28 A22 A16 A10 A6 R5 R11	DC3.2 COLO1 Tor DC3.2 COLO2 Tor 21 °C 18 °C 20 °C 24 °C 19 °C 19 °C 23 °C 24 °C 24 °C	DC4 COL01 ToR C4 COL02 ToR 21 °C 22 °C 24 °C 17 °C 20 °C
emps 16°C 18°C	DC3 Under Floor Temperatures DC3.1 Under Floo 14 °C _16 °C _17 °C _18 °C _15 °C _22 °C	R12 R8 R5 R1 R1 R5 R13 R20 R27	R29 R23 R1 R15B R6A
B11-B18 B18-B24	A34-A28 A28-A22 A16-A10 A10-A6 R5 R11	DC3.2 COLO1 DC3.2 TECH DC3.2 COLO2	DC4 TECH System General Fire Alar
DC2 TECH R	DC3 EX DC3.1 EX Auto Mode Manual Mode DC3.2 - G	No Alarms No Alarms No Alarms eneral Fi	19 22 No Faults Recorded Normal Operation Laborator DC4 Flood Tech Room
DC2 Flood Tech Room		المعنى المعنى المعنى المعنى	25 LOP Celot OK LOP Tech Record OK LOP Celot OK
sor 1 OK Sensor 2	ок		



Customers Operating Services

Installation & Maintenance & Monitoring 24 / 24 hours

 Installation of racks for equipment - in maximum 48 hours Patch panel installation Equipment installation - in maximum 4 hours Errent Structured wiring Power cabling and equipment power supply Connecting to the network Management interface configuration Data 	Customer Installation		
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stomer Commissioning & Integration

are the right partners for your entire journey, not just the start. can help you along the way with:

- onitoring and maintenance
- mart remote hands (replacement of components, cables, equipment change)
- emote access (Laptop and KVM console)
- nergy consumption monitoring
- perating System loading from console
- AN management configuration & activation
- oftware upload on new Equipment
- ata configuration on existing equipment that interact with the new one
- uick intervention in a maximum of 15 min



Customers Operating Services

Installation & Maintenance & Monitoring 24 / 24 hours

Customer Disposal

Taking apart equipment the right way is very important and it should be done properly:

- Traffic rerouting Removing Traffic from the Equipment
- Removal from Network Alarm, circuit blocking and Equipment isolation
- Physical disposal Equipment and Rack. Power and connection cabling
- Equipment shutdown



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Customers **Operating Services**

Selling & Professional Account Management & Customer Care

- 15 Experienced Account Managers in additional and international accounts
- Sales team has a high data center technical sales expertise
- Acting as a local commercial Account Manager for your customers
- Local management of connectivity providers, both local or international •
- Local back-office management, commercial and technical •
- **Dedicated Presales Team**
- 24/7 NOC
- Billing
- Marketing
- Product.





Find out more





BUCHAREST GTS DATA CENTER

Virtual Tour