

WWW.DGNTEKNOLOJI.COM

DATA CENTER · BURSA, TÜRKIYE

A quarter century of experience, in our own building.

DGN Teknoloji runs two data centers in its own building in Osmangazi, Bursa, designed and built as a data center from the ground up. Power, cooling and the network are monitored 24/7 by our own team.

25	2	6	15
years of experience	data centers	nodes / PoPs	peering partners

ISO 27001 · ISO 9001 · 24/7 NOC and technical support

ABOUT US

A building made for a data center

DGN Teknoloji is an ISO 27001 and ISO 9001 certified data center operator and internet service provider that has run two data centers in its own building in Osmangazi, Bursa, since November 2009.

We built the building around the physical needs of a data center. With our experience in power, cooling and layout, we work to give our customers fast and uninterrupted internet access, with current-generation servers, 24/7 technical support, strong firewall solutions and high uptime.



Two data centers, one building

DGN PLUS

Colocation, dedicated servers, cabinet rental and secure cage services.

DGN SELF

Private caged areas of any size under the secure cage model, plus rentable offices for your technical staff.

Our services

Dedicated server

High-performance servers with no hardware investment, free IP-KVM and 24/7 technical support.

Colocation

Rackmount or ATX servers in 42U cabinets; shared cabinets up to 5U, or a full cabinet.

Secure cage

Your own caged space on a pay-as-you-use model, without building a data center from scratch.

DGN Cloud

Cloud servers configured to your needs, on the same network.

Network security

Domestic and international filtering against SYN, volumetric and Layer 7 DDoS attacks.

Get in touch

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INFRASTRUCTURE

Redundant at every layer, from power to network

Power

- A medium-voltage feed, independent of the city grid, arrives by underground cable at a dedicated, physically protected transformer.
- Redundant diesel generators on a ventilated underground floor run in rotating 8-hour shifts during long outages; switch-over is decided automatically.
- An N+1 system built entirely from modular Huawei UPS units monitors and filters the full load online. Modules can be replaced while the system stays live.
- On request, A-B power is delivered from two fully independent UPS systems.

Physical security

- Recording security cameras cover every part of the building.
- Every door from reception onwards opens by magnetic card; access to the NOC, data halls and offices is logged in line with ISO 27001.
- Smoke and gas detectors and emergency buttons are installed throughout the building.
- Data halls are protected by an FM-200 gas suppression system that puts out a fire within seconds without harming the hardware.

Network and firewall

- Redundant underground fiber terminates on a Layer 3 network designed together with Juniper; customer networks are isolated from each other.
- Three separate physical routes over Türk Telekom, Vodafone and Turkcell; direct peering with Microsoft, Cloudflare, Google and Amazon.
- During a DDoS attack, IP access is moved to the protection layer automatically. International traffic is filtered at our 2 Tbps node abroad before it enters Türkiye.
- RDNS, per-operator access restrictions and firewall logs are managed in real time from the Plus control panel.



DGN Teknoloji data hall, Bursa

SPECIFICATIONS

The facility at a glance

- Purpose-built data center building
- Redundant diesel generators, automatic control
- Optional A-B power (two independent UPS)
- Free-cooling precision air conditioning
- Smoke and gas detectors
- Hot-swap PDU and busbar system
- Layer 3 network on Juniper equipment
- Rackmount and ATX server areas
- Secure cage space
- 24/7 monitoring and technical support
- Medium-voltage power, dedicated transformer
- Modular Huawei N+1 UPS system
- Raised floor
- Magnetic card access, 24/7 CCTV recording
- FM-200 gas fire suppression
- Cat6 UTP HF cabling, all-HF power cabling
- SYN, DDoS and Layer 7 protection
- Shared and full (42U) cabinet rental
- Free IP-KVM, real-time traffic reports
- ISO 27001 and ISO 9001 certified

Our active nodes

Our domestic and international nodes are linked over redundant carriers, giving low-latency reach to the networks we peer with.

NODE	CITY	PEERING
DGN (BRS) main facility	Bursa	Turkcell, TürkTelekom, Vodafone
Esenyurt (IST)	Istanbul	Atlantis, Euronet, Netspeed, Regpex, Vodafone, Turkcell
Levent (IST)	Istanbul	Euronet, Turknet
Dudullu (IST)	Istanbul	Cloudflare, Turknet, Regpex, Microsoft, Facebook
S3C (SOF)	Sofia	Amazon, Cloudflare, Google, MSN
Telepoint (SOF)	Sofia	Turkix

Get in touch

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