

High available capacity

20 MW Incoming Power

10 MW IT load

- 6-8 kW per standard cabins in **4 data halls**
- 15 kW high density cabins in **2 data halls**

1 MW dedicated GPU load

- 30-40 kW per cabin in **4 rooms**
- Rear door cooling

6 data halls available for **flexible solutions**

Energy infrastructure

- **N+2** redundancy with diesel DC type Power Generators
- **48 hours** fuel back up system
- Reliable power via busbar & UPS systems

Cooling infrastructure

- **N+2** redundancy with **high-efficiency air-cooled** free-cooling chillers
- Homogeneous white space cooling with **Mega CRAH** units with full redundancy

Earthquake resiliency & risk management

- Secured with seismic isolators, resistant to earthquakes of **8+** magnitude
- **Disaster recovery & business continuity** protocols in place
- **24/7** expert operations team trained for emergency scenarios

International certifications

- Uptime Tier III, TS EN 50600, ISO certificates

Security

- Multi layered security with **CCTV, ACS**
- Smart building systems, **24/7 monitoring & 1 year recording**
- Fire detection with **120-minutes fire compartments**

Sustainability

- High efficiency operations with **low PUE & carbon footprint**
- **Smart BMS & PMS** automation optimizing operations
- Use of renewable energy sources where available
- Future-ready infrastructure supporting long-term sustainability

Architectural design

- **Minimalist & functional** architecture
- Modern social spaces & Network Operations Center (NOC)
- Spacious & functional **office areas for client use**
- Dedicated **meeting rooms & collaboration spaces**

Central location

- Direct access from the **D-100 highway**
- ~8 minutes walk from **Marmaray** Tuzla Station
- ~15 minutes by car from **Sabiha Gökçen Airport**

Support services

- **24/7 monitoring** services with NOC
- Office & storage spaces for customers



ENKA Data Solutions

Secure
Scalable
Global

ENKA Data Solutions

Operates next-generation data centers in strategic locations across Europe & Türkiye

Building on ENKA's 65+ years of engineering & financial strength, shaping region's digital transformation

Solutions



Colocation services

- Real time online infrastructure monitoring
- Remote support all day, every day
- Simplified migration with data center experts
- Secure on site deployment



Interconnection

- Carrier-neutral connectivity
- P2P connection to Europe
- Connectivity to cloud providers



Flexible design

- Data halls can be altered as per client needs
- Turn Key DC construction

Tuzla Data Center

Türkiye's most efficient & secure data center — Empowering businesses with high-performance & secure digital infrastructure

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- Carrier neutral, multiple ISPs
- P2P connection to Europe
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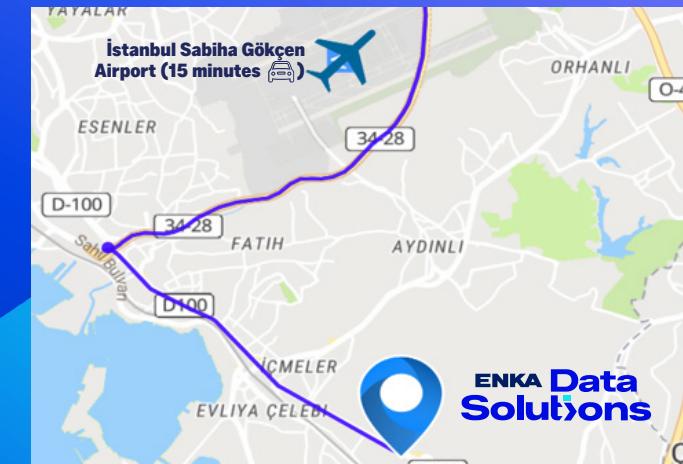
- Uptime Tier III
- TS EN 50600
- ISO certified

State of the art infrastructure

- Earthquake resilient architecture with 70+ seismic isolators
- Future proof to adopt new technologies
- N+2 redundancy cooling & Energy

Tuzla Data Center

ENKA Data Solutions



📍 İstasyon Mahallesi Araplar Caddesi
127 Sokak No:10 Tuzla / İstanbul

X ENKA_data

YouTube ENKA_Data_Solutions

LinkedIn enkadatasolutions

Instagram enka_datasolutions

📞 444 7 339

✉️ info@enkadatasolutions.com

🌐 www.enkadatasolutions.com