

PROFEN TELEPORT KONYA

Profen, uses new generation and advanced technology to provide data security and high quality connectivity for service providers and network operators. With the investment it has made, Profen ensures Ka-band satellite services within the borders of Turkey.



Facilities

Profen has made a pioneering investment by securing Profen Teleport Konya, which became operational in 2016. Profen provided all infrastructure investment, including construction, installation and integration required to deploy the teleport. With its state-of-the-art, next generation technology, Profen Teleport Konya guarantees data security in Turkey and provides high-quality data connectivity for a captive government, enterprise and retail customer base.

The operation of Profen Teleport Konya is also carried out by Profen, with Turkish staff based in Konya.

The staff consisting of engineers and technicians are specially trained to carry out preventative maintenance, repairs and returns of all Profen and some customer equipment. Both the main and diverse sites are monitored 24/7 so as to ensure uninterrupted service by intervening immediately in the event of a system failure.

Profen Teleport Konya is directed by the General Manager of Profen HQ in Istanbul. A Site Operations Manager, based in Konya looks after the day to day management of the Main and Diverse Sites. The operations team consists of engineers and technicians who perform preventative and reactive maintenance to ensure continuity of service.

Support staff are responsible for non-operational services, cleaning, catering and ground keeping and the security staff provides 24/7 security.



The MCR (Monitoring and Control Room) and its Technicians ensure all critical and non-critical services are monitored 24/7 and coordinate callouts for the operations teams out-of-hours.

Technical Capabilities:

- Full generator backup
- Full redundant energy and cooling systems with uninterruptible power supply and generators
- 72 hours endurance time with uninterruptible power supply and generators
- Redundant fibre optic access from two different national operators and direct access to satellite data service
- 24/7 on-site technical team
- 24/7 security
- 99,997% SLA
- Air conditioning system with HVAC, VRV and light modifiers
- Cabin systems that provide efficient cooling with cold containment method
- Dual technology fire detection system including an air sampling system
- Fully automatic water and gas fire extinguishing system encompassing the entire facility





FIRST INTERDEPENDENT PRIVATELY FUNDED SATELLITE SERVICE PROVIDER IN TURKEY!

Profen Teleport Konya consists of antennas ranging from 1.8m to 11m at Ku, Ka and C band and a data centre occupying 5.000m² of the total 25.000m² site in Konya. The remaining area is thus available for the construction of a communications hub consisting of antennas of different sizes, data centres, equipment buildings, and containers.

Profen Teleport Konya is part of the Profen Konya Technology Campus, which was established to provide services to many locations across Turkey.

The success of the first independent Gateway Earth Station in Turkey shows that Turkey is an attractive region for establishing Gateway Earth Stations by overseas satellite operators.

The Konya Technology Campus has established itself as a key transit point for backhaul communications and data management. Since the initiatives in this area are supported by state policies and regional development boards, Profen has paved the way for all future technological investments and initiatives.

Satellite Network Services



VSAT

Through Profen Teleports we can provide satellite solutions for your remote sites using very small aperture terminals with modems from iDirect, Newtech, Hughes or Comtech. The topology can be either star or mesh or point to point (SCPC).



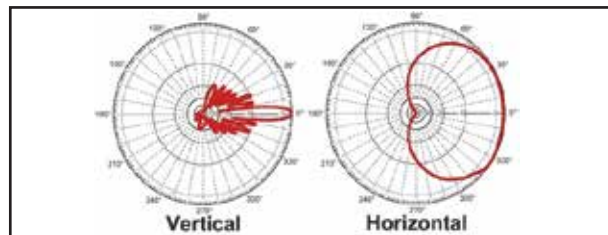
Broadband

Profen can provide Ka band, Ku band or C band broadband satellite services wherever you are in the world. These services may be Internet or closed connectivity services.



Maritime VSAT

We can provide KU and C band maritime services at national and international waters. We provide global satellite services for your vessel or fleet.



Coverages

Our satellite services have a global coverage whether you are on land, at sea or in the air. We have a global coverage for our satellite services whether you are at land or at sea or at air. Depending on your specific requirements we can provide KU, Ka or C band services through our 7x24x365 teleports.



Airborne VSAT

We provide In Flight Connectivity and In Flight Entertainment systems with Global network coverage and high throughput.

Broadcast



Uplink/Downlink Services

Due to our unique location, our antennas are able to receive and transmit data and streams via the most popular satellites in the world. In combination with our infrastructure, Profen offers its customers a wide range of DTH solutions.



Turnaround

Our antenna fleet can receive any type of data from 40E to 105W and process it internally as required for final use. Our central location between Europe, Africa and Asia, provides a competitive advantage for the transmission of content between these 3 continents.



Playout

Our customers benefit from fully managed playout services in Konya. They can be operated on-site or managed directly by the client remotely.

We also offer a co-location service to host your own equipment.



Occasional Use

Media companies need to keep up with the fast pace of the world and SNG is key to manage that. Profen Konya Teleport offers occasional use on both Ka and Ku band from selected satellites to provide 7/24 SNG capacity in Turkey and neighbouring regions.



Coverages

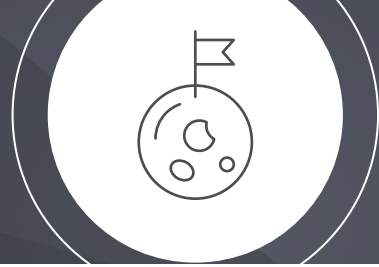
Our existing antenna fleet can be pointed at any satellite between 40W and 105E and is a hub between Europe, Asia and Africa



GEO-Redundancy

Alongside main teleport area, Konya Teleport also has a remote field to house redundancy antennas. This field has the same infrastructure as the main teleport area.

Co-Location Services



Data Center

Profen offers its Data Center Services in Konya and Ankara (as of the first quarter of 2022) for companies that want to host uninterrupted and reliable IT infrastructures. With its professional and experienced operational and technical staff, it provides services 7x24x365 with its physical conditions, power, air conditioning, network infrastructure, and information security criteria.

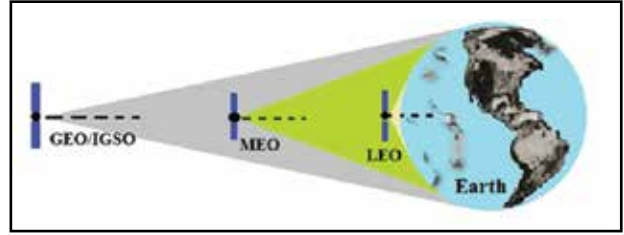
The area or cabins available for rent are configured specifically according to the needs of the clients.

Our Server Hosting Services provides professional infrastructure that offers uninterrupted facilities such as the secure storage of servers, equipment, cabinets with suitable physical environment, cooling conditions, power supply, electrical power, and high-access secure internet line.



Ground Segment as a Service / TT&C

Profen Konya Teleport offers space, infrastructure and operational services to operators to host their TT&C antennas. Our experienced on-site team can also provide installation and commissioning services from scratch.



LEO/MEO/GEO

Profen Konya Teleport provides a prime location for MEO/LEO/GEO satellites. The location in Turkey forms a bridge between East and West and offers a large range for satellites. The large land area allows new installations for new LEO/MEO/GEO gateways to connect to the world via our redundant fiber connections.



Storage Area

Our Server Hosting Services provides professional infrastructure that offers uninterrupted capabilities such as secure storage of servers, equipment, cabinets with a suitable physical environment, cooling conditions, a power supply, electrical energy, and a high-access secure Internet line.



Redundancy

The areas or cabins available for rental are configured specifically to meet the needs of the client.



Co-Location

As part of our colocation services at Profen DCs we provide:

- Cabinet space, power, Cooling and Physical Security (Grid / lock system for each cabinet)
- Hardware Maintenance and Support Expert Support for each service
- Data Center Transfer Services
- Customer-specific Private Office Areas

With our co-location service, you eliminate the cost, effort and risks of building and managing your own data center. You save on server space, staffing, operations and maintenance costs, and energy costs for power and cooling.



Cross Connect

We can provide separate fiber optic and copper cable trays to connect telecom rooms and DC halls.



Disaster Recovery

In a situation where there is a potential threat, Profen can provide alternate Area Services to businesses with Disaster Recovery Scenarios. We minimize your outages (downtime) by activating your applications, servers and protected data in such an emergency.



Backup Services

This service allows you to back up your important data that you can use in the event of a critical failure or cyber attack. Through the self-service portal, you can determine the frequency of backups and retention period of your data, view the status of your backups and manage them. When you encounter an extraordinary situation, you can instantly restore your data yourself.



DDOS

DDoS, a type of virtual attack, sends a high volume of traffic to certain servers, causing complete crashes and disruptions of systems and thus disruption of business.

If you do not take precautions against DDoS attacks, which are known as the most dangerous attack type that threatens Internet traffic today, the continuity of your network and business will be at risk.

Our DDoS Intrusion Prevention System neutralizes potential DDoS threats to your network over the Internet.

It prevents intense attacks from many sources at the same time, directed at a single target, detects the attack, cleans the malicious traffic and redirects the clean traffic to your systems. DDoS Intrusion Prevention System constantly monitors your Internet traffic and attacks are blocked before they reach your network.



Firewall

Firewall, can be defined as a shield that protects computers, phones or tablets against malicious software on the Internet, in line with the determined policies.

Our Firewall service detects whether the data is safe or not within the framework of the policy you specify and eliminates the dangerous ones. It ensures the protection of your systems in many areas, from e-mails containing unwanted content to remote access.

Contact us at marketing@profen.com for more detail on the services provided.

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