



# TURAN

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## 100 BR-OM

TACTICAL MOBILE  
COMMUNICATION SOLUTION

#MilitaryCommunication



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## TACTICAL MOBILE COMMUNICATION SOLUTION

In today's complex and rapidly changing operational environments, uninterrupted and secure communication is critical for success. Designed to meet this need, TURAN 100 BR-OM stands out as an innovative and comprehensive communication platform capable of supporting all kinds of missions in the field. With its superior capabilities, TURAN 100 BR-OM enhances the operational capabilities of modern armies and security forces.

TURAN 100 BR-OM offers a holistic solution to modern communication needs in the field with its platform-independent mechanical structure, high-level information security, tactical cloud capabilities, comprehensive communication infrastructure (satellite, radiolink, radio), advanced manageability, high interoperability and mobile communication capabilities. This integrated system provides a robust, secure and flexible communication backbone necessary for success in the operational environments of the future.

### Features

#### Information Security

The system ensures the protection of data against unauthorized access by using cryptographic algorithms and strong authentication mechanisms. End-to-end encryption prevents sensitive information from falling into enemy hands while also demonstrating a high level of resistance against cyber attacks.

#### Comprehensive Communication Infrastructure

TURAN 100 BR-OM supports a wide range of communication infrastructure, adapting to all kinds of operational scenarios:

- **Satellite Communication Infrastructure:** Offers uninterrupted communication opportunities even in remote and inaccessible regions.
- **Radio Link Communication Infrastructure:** Provides high-capacity and secure point-to-point communication.
- **Radio Communication Infrastructure:** Guarantees direct and instantaneous communication between field personnel and vehicles. It is resistant to enemy jamming with advanced noise cancellation and frequency hopping technologies.

#### LTE Capability: High-Speed and Reliable Connection

Thanks to LTE (Long-Term Evolution), users are provided with high-speed data transfer, low latency and wide coverage.

#### Tactical Cloud

TURAN tactical cloud increases information sharing and common situational awareness between units in the field. The cloud infrastructure allows field units to securely access real-time data, maps, intelligence reports and other critical information.

#### Manageability

TURAN 100 BR-OM has a user-friendly interface in terms of manageability. The entire communication network can be easily configured, monitored and optimized through a central management system.

#### Mobile Communication

The system maintains uninterrupted and high-speed data transfer even while in motion. This feature is vital for vehicle convoys, mobile command centers and patrol units.

#### Platform Independent Mechanical Structure

The platform-independent mechanical structure allows the system to be easily integrated into different vehicles and platforms. Thanks to its modular structure, it can be quickly configured according to different operational needs and offers flexibility in the field.

#### Uninterruptible Power Support

Generator-powered infrastructure eliminates dependence on external power sources, generating sufficient energy for all system components, ensuring continuous operation anywhere and under any conditions.

#### Independent Air Conditioning

TURAN 100 BR-OM has an independent air conditioning system for the payload section. This independent air conditioning prevents overheating of sensitive electronic components, ensuring the system operates stably and reliably.

