

The logo for 'meatel' is rendered in a white, lowercase, sans-serif font. The letter 'm' is unique, featuring a small grey triangle at its base. The background is a dark blue gradient with a faint, light blue geometric pattern of overlapping triangles and lines.

meatel

Mobile Communication Solutions

Mobile Communication Solutions

Empowering Field
Operations with
Reliable Connectivity



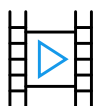
Features



Extended 4G/5G Reach:
Beyond Conventional
Radio Coverage.



Secure Communication:
E2E encryption with
recording.



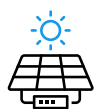
**Seamless Field Operations
Integration:**
Effortless integration of
voice, video, data, and
location-based services
for special field operations.



Universal Connectivity:
Seamlessly connects any
4G/5G device.



Mobile Perimeter CCTV:
Surveillance camera for
mobile platform protection.



Self-Sustained Power:
Fully autonomous power
system.



Integrated GIS:
Geographic information
system integration.

Network Design Overview

Radio:

Nokia e/gNode-B radio mounted on a manual crank telescopic mast.

Core:

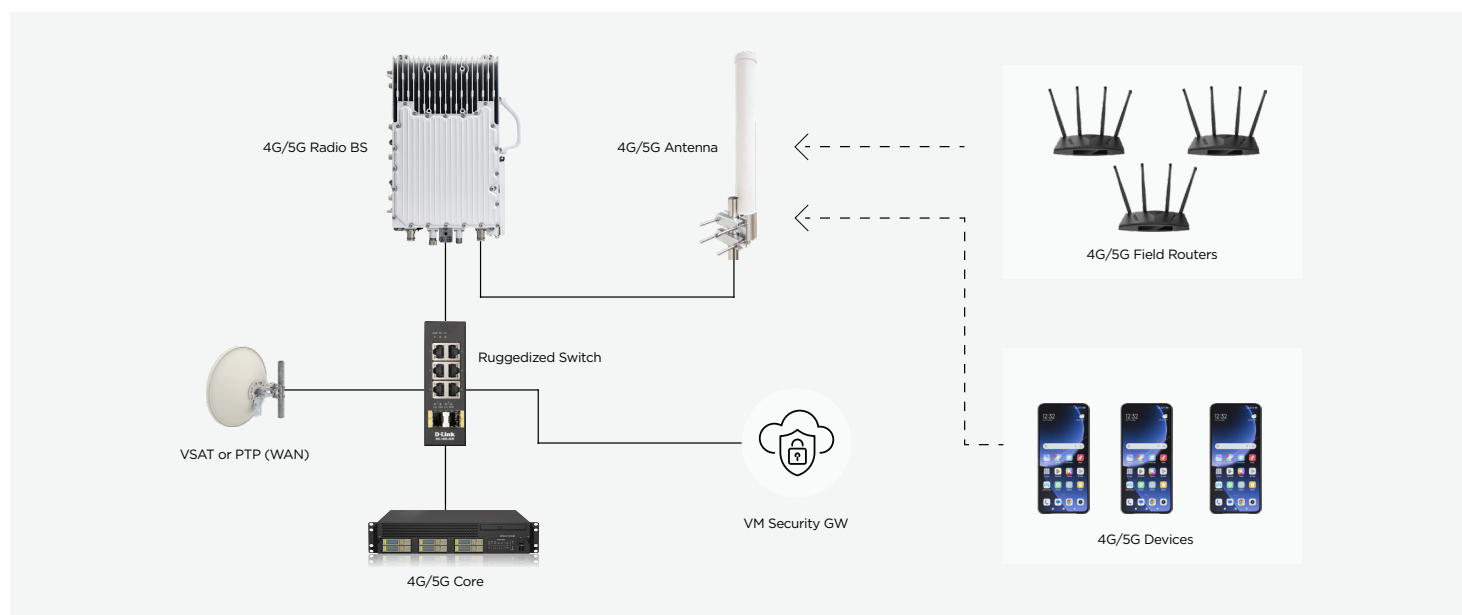
High-performance, low-power, highly integrated Rugged Embedded Server in a specially designed MIL IP67 housing, enabling operation in any environment without fans or air vents.

IP Core:

Ruggedized Layer 3 switch.

Operators:

Two ruggedized operator workstations (dispatch & mission management consoles)



Dispatch & Mission Management Consoles Overview

Push-to-Talk (PTT) & Push-to-Video (PTV)

solution with hierarchy support & multi-tenancy.

Dispatch console

with voice / video & Mobile CCTV feature.

GIS

for localization/positioning services.

Tactical information

feeds, various analytics & visualizations.

Lifesaving real-time mobile capabilities:

live video feeds, personnel tracking, image sharing, site surveys, augmented reality, geospatial mapping, navigation & chat.



Mission Management Interface