



# **MINOTAUR -** YOUR CELLULAR NETWORK, YOUR CONTROL





Governments, Critical Infrastructures, Military and Defense Bodies – if data security and resiliency is your priority, it's time you transform your private network with TDCOMM.

A fully controllable on-prem cellular environment that supports up to 10,000 users in both static and on-the-go field conditions, TDCOMM communicates natively and connects worldwide. It funnels all cellular traffic to your organizational management system, providing you with full information and cyber security, impeccable control, and real-world everyday operational benefits.

TDCOMM is the world's most resilient cellular network solution, offered in both self-contained (independent) and integrated network extension modes for connectivity at all times. With full automated network backup for disaster, emergency, and commercial network loss situations, TDCOMM gives your organization the peace of mind that you are covered in any scenario.





## Don't let your guard down on your cellular traffic – Go 100% Private

With the increasing importance of mobile communications and the future adoption of 5G, IoT, and M2M technologies, why trust external parties and foreign-based equipment to manage your data? Why forfeit your on-prem security requirements?

Providing the first cellular on-prem managed environment, TDCOMM gives you the capability to effectively deploy, utilize, and manage your own cellular infrastructure and benefit from the highest levels of security and control with a simple intuitive setup and management system.

### Built-in Control and Security Features

- ✓ Subscriber permission settings
- ✓ Subscriber call flow policy management
- ✓ Web and mobile application screening and policy management
- ✓ Traffic and communications analysis
- ✓ Cellular COMINT fence application and location-based access control
- ✓ Cellular device integrated Command & Control
- ✓ Full disaster control and communication environment backup
- ✓ API's and integration with organization IT resources and SOC

### A hybrid cellular network – for a solution that's outside of the box.

TDCOMM brings you numerous operational benefits with its proprietary hybrid architecture.

- ✓ Dual operation mode – independent and commercial network-based services
- ✓ RF flexibility with TDCOMM proprietary and/or commercial network deployed radios and towers
- ✓ Global connectivity for commercial network subscribers without dedicated equipment or coverage
- ✓ Full RAT support 2G/3G/4G and VoLTE
- ✓ Full population support via native SIMs
- ✓ Scalability up to 10,000 concurrent subscribers [per core](#)
- ✓ High bandwidth and performance supporting enhanced applications such as PTT and Video over LTE, IoT sensors, and security cameras

## More than an everyday solution – Disaster and Emergency Preparedness

TDCOMM provides full network survivability and disaster control for both intra-premise and inter-premise communications with automated fallback between private and commercial extension modes. Thanks to a multi-channel back-haul sub-system, communications between sites continue even when the main networks are down. As opposed to other existing private networks, TDCOMM's Hybrid Network is fully interconnected to the commercial networks, providing global connectivity and services at all times.

## Fully operational in 10 days – Hybrid is simple

The on-prem TDCOMM core is integrated as a standard network extension within the local operator infrastructure and it's based on standard telecom interfaces – S1/S6a and IuH/SS7-MAP, enabling setup and operations in all 2G/3G/4G within 10 working days.

