

MINUTEMAN TACTICAL COMMUNICATIONS SYSTEM

IFONE, INCORPORATED

IFONE introduces
Minuteman
A revolution
in tactical
communications



The IFONE Minuteman Tactical Communications System™ is a complete communications system designed for easy transport and rapid deployment. The Minuteman can be operated as a stand-alone system, providing critical communications in remote locations. It is easily interconnected to the DSN, local PSTN and other communications networks through pre-configured, industry standard interfaces.

The Minuteman is based on commercial, off-the-shelf (COTS) GSM cellular technology, provided by some of the industry's

leading manufacturers. This technology has been adapted by IFONE to meet the exacting requirements of the U.S. military. As a communications tool, the Minuteman Tactical Communications System is highly adaptable, supporting 300 users in its smallest configuration, but offering the flexibility to grow to thousands of users as requirements change.

Minuteman provides two levels of security: Standard security gained through commercial GSM encryption, and NSA Type 1 security. The Minuteman was the first GSM tactical cellular system on the market to offer NSA security, and today, it remains the leader in capability and reliability.

Rapidly Deployable

The use of the Minuteman avoids the need for cargo airlift. It avoids the need for a crew to unload, hoist, wire, trench and test. Instead, the extremely compact Minuteman can be shipped by commercial air freight. A single site system can be unloaded and readied by two people in less than 30 minutes. Just connect the transit cases with an interconnecting cable, erect the mast, and power the system on. For connection into the DSN, the Minuteman comes with pre-configured trunks to interconnect to all common DSN telephone switch types and nodes, eliminating the need for time consuming and error prone protocol configuration. In remote locations, reach back is provided by IFONE supplied satellite service.

For larger, multi-site networks the Minuteman is available with unlicensed microwave radios to connect the sites together. As with the smaller system, multi-site systems are quickly implemented by making the primary site operational, then quickly rolling service to new sites.

Minuteman Advantages

- ❖ EXTREMELY COMPACT DESIGN, MOUNTED IN RUGGED TRANSIT CASES FOR RAPID DEPLOYMENT
- ❖ SUPPORTS NSA TYPE 1 SECURITY - FIRST ON THE MARKET
- ❖ SCALABLE - SUITABLE FOR SMALL SINGLE SITE NETWORKS AND MULTI-SITE REGIONAL NETWORKS
- ❖ AVAILABLE WITH RAPIDLY DEPLOYABLE ANTENNA MASTS, MICROWAVE AND SATELLITE REACH BACK
- ❖ SERVICES BY IFONE – THE ONLY COMPANY WITH PROVEN CAPABILITY TO DESIGN , DELIVER, OPERATE AND MAINTAIN THIS TYPE OF SYSTEM

Interoperability

The Minuteman Tactical Communications System has been proven in U.S. Government testing, including assessments by the Joint Interoperability Test Center (JITC) and CECOM.

Security

The Minuteman supports NSA Type 1 secure communications – the first tactical communications system to do so. It is compliant with the FNDBT standard, and has been tested extensively with the General Dynamic Sectera'® GSM phones and Sectera' land-line terminals. For non-secure communications, Minuteman is compatible with any standard GSM handset.

Features and capabilities

Despite its small size, the Minuteman Tactical Communications System is a true GSM cellular system. It supports advanced features (known as GSM supplementary services) including call forwarding, call waiting, and call barring. The Minuteman is available with an optional pre-paid server, allowing the use of pre-paid calling cards to permit, yet control personal or discretionary calling.

Equally important, the IFONE Minuteman Tactical Communications System supports telephony signaling standards world-wide, providing maximum flexibility for interconnection to other networks. Because it is standards-based, it can support both secure and non-secure calls to the DSN and PSTN. The Minuteman can be interconnected with commercial GSM networks, allowing seamless roaming by military personnel between the Minuteman system and commercial networks, while simultaneously barring commercial customers access to the Minuteman system.

Service

IFONE provides the Minuteman Tactical Communications System with a service package customized to meet the needs of our customers. Usually this includes operational and maintenance (O&M) services, reducing our customers deployment headcount. Alternatively, if O&M is done by military personnel, IFONE provides training to quickly ramp-up personnel on the deployment and operation of the Minuteman. This is done in either a train-the-trainer approach, or directly to assigned communications personnel. Whether maintained by IFONE or military personnel, when a problem does arise, IFONE will get the system fixed right and fixed fast. Full maintenance services are available, as are in-advance replacement parts from the IFONE parts depot.

For larger, more complex installations, including regional networks, IFONE provides complete and rapid design and engineering services.

Minuteman and IFONE – The Solution to your Tactical Communications Needs

For more information, please contact us.

IFONE Incorporated
3648 St. Gaudens Road
Miami, Florida 33133

Tel. 305-567-0432
Fax. 305-567-0966
www.ifoneinc.com
info@ifoneinc.com