



TLC Solutions Inc.
USER FIRST TECHNOLOGY

TLC SOLUTIONS, INC.
PRODUCTS & SERVICES

WIRELESS NETWORKS
SYSTEMS INTEGRATION
PRODUCT DEVELOPMENT
CUSTOM FABRICATION

OTHER PRODUCTS
AVAILABLE

- PICO-GSM NETWORK
- PICO-CDMA NETWORK
- PICO-UMTS NETWORK
- MULTI-STANDARD MOBILE SWITCHING CENTER (MSC)
- MINI-GSM BASE STATION SUBSYSTEM
- MACRO-GSM BASE STATION SUBSYSTEM
- MACRO-CDMA BASE STATION SUBSYSTEM
- MACRO-EVDO BASE STATION SUBSYSTEM
- MACRO-UMTS BASE STATION SUBSYSTEM
- CHATTERBOX VOICE & SMS TRAFFIC GENERATOR

PICO-EVDO NETWORK



- Flexible, private EVDO Data Network
- Supports multiple backhaul options for connectivity into DoD or commercial networks
- Supports the use of any mobile handset that is EVDO capable and provides the same data speeds as a commercial network
- Can be used in conjunction with TLC Solutions' Pico-CDMA Network to provide both voice and high-speed data communications

TLC Solutions' Pico-EVDO Network is the smallest, fully-specified EVDO network solution on the market today. The Pico-EVDO Network is an EVDO Radio Access Node (RAN) providing high-capacity data connectivity in an economical and compact suitcase-sized form factor.

The Pico-EVDO Network is available in a number of different form factors. When packaged in a carrying case capable of fitting in an overhead bin of most commercial aircraft, the Pico-EVDO Network is easily deployable and operational within minutes.

Its design makes the Pico-EVDO Network ideal for the support of tactical communications, public safety, homeland security, and other defense applications.

The Pico-EVDO Network was developed to operate specifically as a CDMA 1xEVDO Rev. A data network. It integrates the Radio Node and the Radio Network Controller into a single, compact platform making it ideal for rapidly-deployable data applications as a less-expensive solution than traditional EVDO networks.

The Pico-EVDO Network provides data speeds of up to 3.1 Mbps on the downlink and 1.8 Mbps on the uplink which are the same data speeds as one would find in a typical commercial network.

The Pico-EVDO Network is available in 450 Mhz, 850 MHz, and 1900 MHz frequency bands for high-speed data communications.

ABOUT TLC SOLUTIONS, INC.

TLC Solutions is the leader in providing secure wireless network solutions designed specifically for portability, ease-of-use and tactical communications applications across a variety of standards including 2G, 3G and ultimately 4G technologies.

As a small, woman-owned business with expertise in systems integration, RF and network engineering, hardware and software development, and custom fabrication, TLC has been producing cutting-edge communications solutions and providing outstanding support to its Government and DoD customers since its inception in 2003.

For more information on any of our products or services please visit us on the Web at:
www.toplevelcom.com

FEATURES AND BENEFITS



The Pico-EVDO Network fully-supports all of the everyday functions expected from a cellular data network.

Data speeds of up to 3.1 Mbps on the downlink and 1.8 Mbps on the uplink.

Multiple systems can be networked together through satellite, WiMAX or other backhaul methods to increase the range of data network coverage.

Deployable with TLC Solutions' Pico-CDMA Network to provide both voice and high-speed data communications services.

Based on the customer's operational requirements, the network can be prewired and preconfigured to be set-up and operational within minutes of antenna deployment and the flip of the power switch.

Backed by TLC Solutions' world-class integration and support services, the Pico-EVDO Network is self-contained and can be ruggedized to survive some of the harshest weather conditions. Integrated into a portable case with internal cooling fans and battery back-up, the Pico-EVDO Network can provide reliable high-speed data services in even the most remote locations.

SYSTEM SPECIFICATIONS

Features :

- 64 Channel Elements
- Expandable
- 1xEVDO Rev. A Data Support¹
- Auto-initialization
- 50 mWatts to 6 Watts output power (w/external PA)

Specifications:

Input Power

- 110-240 VAC 50/60 Hz
- 100W Typical Power Consumption

Temperature

- Operating 0° C to +50° C
- Storage -40° C to +85° C

Humidity

- Operating 0% to 95% Non-condensing

Dimensions (In transit case)

- 1.75" H x 15" W x 20" D



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¹1xEVDO Rev A. Data Support Requires compatible PDSN and AAA server