Wireless Communications When Everything is Down

Build a secure wireless network in an area where there is no communication infrastructure available. At speed and scale.

CIS SECURE

Benefits

Quickly enable situational awareness applications for first responders

Multiple antennas for signal propagation to maximize flexibility

LiFePO4 Battery and UPS provide quick startup before AC power or DC power from a vehicle is available

(3) 10/100/1000BaseT ports and (1) Fiber port for a secured network behind customer provided security device

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Product Overview

When communication infrastructure is either non-existent or unavailable by unplanned outage or by disaster, emergency personnel and first responders need to establish secure communication links. The CIS Secure Portable Wireless Travel Kit allows users to quickly enable a private wireless network without the need for a WiFi or cellular infrastructure already in place. The innovative DTD-PWTK-01 from CIS Secure enables the rapid deployment of a Mobile Ad Hoc Network (MANET) to get team members connected and working to support the mission.

The DTD-PWTK-01 leverages the Persistent Systems MPU5 Smart Radio, the industry leader in scalable MANET environments. The MPU5 works in challenging RF environments at a range of up to 1 mile (depending on conditions) to enable IP-based communications. The self-forming / self-healing MANET technology used by the MPU5 routes your data to the endpoints that need to connect in real-time. With the MPU5 at its core, CIS Secure can scale the size and scope of the MANET by seamlessly deploying multiple DTD-PWTK01's and creating a multi-path, meshed network. The kit easily integrates with security devices to create a secure network for user devices which can then safely transmit across the unsecured MANET.

Key Features

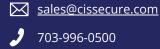**Lithium Iron Battery with UPS**

AC and DC Power Support

Small Form Factor Case

Enable Full Comms

S-Band Radio (2200-2507 MHz)

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DTD-PWTK-01 Product Specifications

Part #:	DTD-PWTK-01
Network Ports:	(3) 10/100/1000BaseTX and (1) Gigabit Fiber with ST Connector
Antennas:	(2) Omnidirectional Antennas and (1) Directional Patch Antenna
AC Power:	AC (120/240/VAC) - NEMA power cord provided
DC Power:	DC (12-28 VDC) - Pigtail power cable provided
Persistent Systems MPU5:	Ethernet enabled, Android integrated platform with GPS capability Built on Persistent Systems Wave Relay® technology Operating Temperature: -40° to +185°F (-40° to +85°C) IP68 Rated - Waterproof and dustproof, MIL-SPEC certified S-Band Radio (2200-2507 MHz) Situational Awareness app ready
Case:	Waterproof (IPX7), dustproof (IP6X) & MIL-SPEC certified
Case Dimensions - Exterior:	14.3 × 11.1 × 4.7" (L x W x H)
Storage Temp:	0° to 120°F (17° to 48°C)
Operating Temp:	32°F to 104°F (0° to 40°C)
Warranty	Standard 1 year parts and labor Optional 3 years parts and labor

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