



WANdroid
from **KLAS TELECOM**



TS/SCI using

Public Internet backhaul

The KLASPiONEER family of flyaway baseband modules made access to secure networks easier for tactical users with the introduction of the KLASPiONEER Express (AN/PSC-15). KLAS also addressed the needs of the non-tactical user by introducing the Pioneer 2200 with its discreet design and laptop-sized footprint. While the KLASPiONEER Express mainly uses the Inmarsat BGAN network for reach-back, the 2200 user is more likely to have access to faster and less expensive networks such as cellular data and public Ethernet and Wi-Fi. The WANdroid now makes connection to secure networks (up to TS/SCI) over these public networks possible without compromising security or carrying additional Unclassified equipment.

- ▶ WANdroid bridges between TS/SCI flyaway systems such as KLASPiONEER Express or KLASPiONEER 2200 and Wide Area Network (WAN)
- ▶ Based on the HTC Hero cell phone and Google Android software platform.
- ▶ WANdroid has the following key features:
 - ▶ 802.11bg interface
 - ▶ Cellular data modem with data speeds up to 7Mbps
 - ▶ Keyboard plus web browser

MEDIA CONVERSION

For Information Assurance and availability reasons secure baseband modules have historically used BGAN and VSAT networks for reach-back capability. However, 3G cellular and public Wi-Fi networks have become less expensive to use and more ubiquitous. WANdroid utilizes such networks, reducing costs without compromising security.

PORTAL REGISTRATION

Public Wifi networks in hotels require the user to register using a web browser. The HTC Hero built-in web browser and keyboard enables the user to do this without requiring an unclassified laptop.

LEAST COST ROUTING

WANdroid monitors available Wi-Fi and cellular networks and will automatically switch to the lowest cost network available.

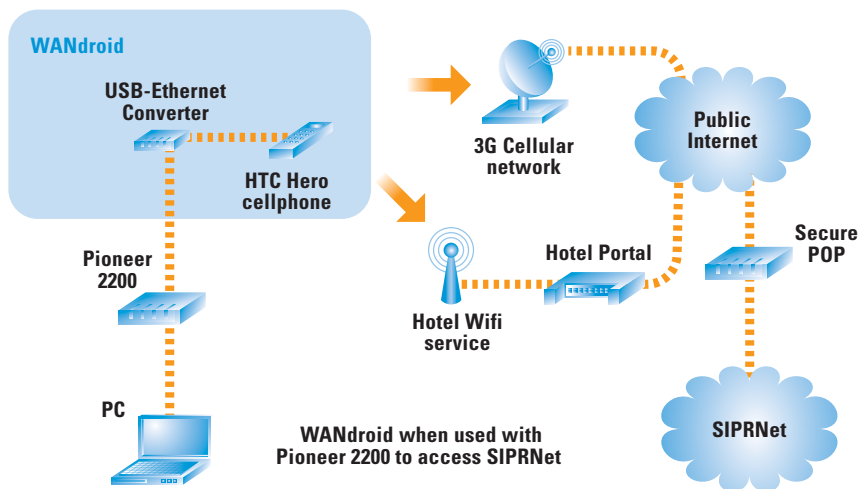


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WANdroid - how does it work?



WANdroid - components

USB-Ethernet converter

Like many cell phones, the HTC Hero has a USB interface for connection to a PC. The KLAS WANdroid provides an Ethernet interface compatible with the HTC Hero which allows the WAN interface of a baseband module such as the KLAS PIONEER 2200 to be connected to the HTC Hero's USB interface. The HTC Hero then acts as a router providing access to high speed Wi-Fi and cellular networks.

INTEGRATED SOLUTION

KLAS provides a fully tested and integrated solution, addressing your baseband requirements as well as configuring and testing the WANdroid in Wi-Fi and cellular environments. This includes SIM card provisioning and management.

GLOBAL COVERAGE

HTC Hero cellphone uses the global GSM standard for cellular access. This provides coverage not only in the US but also in Europe, Middle East and Asia.

CUSTOM PACKAGING

KLAS' modular approach to system design allows the WANdroid to be integrated with any KLAS baseband solution (Express, 2200, 2500) in either hard case or backback.

INFORMATION

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

SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty

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