Rugged appliances built to perform in any environment.

As the industry's premier rugged communications appliance, **Einstein** delivers the power, flexibility, and portability you can depend upon regardless of your environment. Designed using the latest in standards-based **commercial-off-the-shelf (COTS)** software and hardware, Einstein is the solution for customers requiring a communications appliance that provides both **Voice-Over-IP (VOIP)** and **Video Teleconferencing (VTC)** functionality in a ruggedized, field-deployable, two-man portable form factor.

Designed for rapid deployment in harsh environmental conditions, Einstein provides for the immediate creation of a secure wireless and/or wired **LAN** and **WAN** infrastructure with a robust communication (VOIP) and conferencing (VTC) system. Einstein meets the needs for organizations that need voice and/or data communications for field mobile teams requiring internal communications and external connectivity to home-based systems.

Einstein
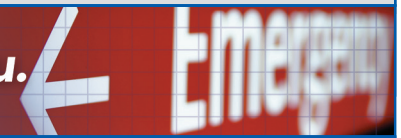
Mobile Communications from Howard Computers®

Open view of back

Front view (laptop hidden)

Einstein higlights

- Enterprise grade VOIP PBX - uses the latest in VOIP technology
- Conferencing / multi-party calls
- Voice Mail - Provides personalized answering and message taking, easily accessible 24 hours a day.
- Polycom IP handsets (provided in user-defined quantities)
- Wireless IP handsets (provided in user-defined quantities)
- Softphone
- Full conference room / training room VTC funtionality
- Polycom codec
- PTZ cameras
- Secure wired and wireless LAN and WAN

- 24 or 48 port, POE, Layer 3 switch (user defined)
- Uninterruptible Power Supply for continuous operation
- Two-man portable, field deployable
- MIL-SPEC 810 tested and certified for durability
- Multiple Optional modules available to meet situational specific communications needs

AGT
Applied Global Technologies®

HOWARD™
TECHNOLOGY SOLUTIONS

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Buy online at www.Howard.com or call us at 888.912.3151.

Detailed System Highlights:

Network Gear

Network Gear provides a managed 24 or 48 port POE-capable switch, VoIP/Video-capable router, firewall, and server capabilities for collaboration, web and file-sharing applications within a small form-factor, ruggedized footprint. This package extends a network to the field easily and effectively, occupies nine (9) cubic feet of space, and weighs less than 140 lbs.

Secure Network Gear

Secure Network Gear provides additional equipment allowing for secure network operation/SIPRNET connectivity (up to US SECRET) while deployed. Includes VoIP/Video-capable router, HAIPIS-compliant encryptor (or traditional INE at customer discretion), and storage space for additional secure components (eg. secure HDDs for servers/laptops). Interconnects with Network Gear Case, and weighs less than 110 lbs.

Laptops

Panasonic Toughbook CF29s are provided in user-defined quantities (typically in bundles of 12). The RIB C2 solution (also great for deployable classrooms) provides storage, charging, and connectivity for all laptops (when not in use) within a separate mobile, deployable case.

Charging and network connectivity to all of these laptops (up to 12 laptops PER additional case) is provided through one (1) power connection and one (1) ethernet connection on the side of the case. This simplifies the process of maintaining resource readiness and ongoing IAV-A compliance of individual laptops.

Additionally, the standard RIB laptop configuration provides a software-based H.323 video codec, VoIP softphone, camera, and headset with each laptop.

The laptop transport cases possess ample room for storage of spare ethernet cables, power cords, and additional cabling.

Satellite Connectivity

While the RIB can utilize any form of outside IP connectivity, deployable satellite connectivity provides connectivity and bandwidth for a wide variety of environment and applications. the standard RIB Satellite connectivity provides Ku-Band satellite IP connectivity at up to 18 Mbps/4.2 Mbps rates. The satellite modem/router utilized uses a FIPS 140-2, level 2-accredited encryption module for Layer2 encryption of the satellite link. Also, the satellite modem/router provides full support for VLANning and Quality of Service (vital for real-time two-way voice and video communications).

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