

TACTICAL HUB - SECURE, EFFICIENT HUB SOLUTION

The Series 11000 Tactical Hub is a compact, durable solution for military and first responders who benefit from the flexibility and reliability of an iDirect Government hub.

Improved SWaP

Compared to a 20-slot hub with a base of 11RU, the full Tactical Hub solution is a lean 4RU, an overall reduction of more than 50%. The Tactical Hub is embedded with both a DLC-T and DLC-R line card, and features a layer-3 plus a dedicated server supporting VMware for the Network Management System (NMS) and Protocol Processor (PP).

The Tactical Hub was designed to operate at increased temperatures, humidity levels, and altitudes and will survive vibration and shock in accordance with MIL-STD 810G. All elements of the Tactical Hub solution (server and layer-3 switch) are ruggedized and reliable.

Security

The Tactical Hub includes FIPS 140-2 Level 3 and TRANSEC support. Additionally, as part of the security measures for the NMS and PP, VMware offers support for Security Content Automation Protocol (SCAP) compliance, a primary concern of defense customers. SCAP support is offered exclusively to iDirect Government Premium iSupport customers.

Scenarios

Mobile Deployments and Continuity of Operations (COOP)

Coming in at 4RU, the Tactical Hub can easily be outfitted into a transit case for deployments. With no additional components outside of the 4RU size, the Tactical Hub can be integrated into a mobile command vehicle for easy deployment to disaster zones after a man-made or natural disaster.

Primary Fixed Hub

A cost-effective solution for small fixed networks and lab test environments, the Tactical Hub is less expensive than a 20-Slot Hub, requires a smaller footprint, and is a compact alternative to a pay as you grow system.

Star-in-Star

Used in combination with a 20-Slot Hub, the Tactical Hub can be used to create a Star-in-Star architecture to support unit deployments.

Geographic Hub Redundancy

By leveraging iDirectGov's Network Management System (NMS), the Tactical Hub can be used for geographic hub redundancy for critical networks in an outage or other performance-limiting situation. The NMS would identify the outage and automatically fail over those networks deemed critical to a Tactical Hub in a non-impacted location.



Bundled solution includes:

- Tactical Hub Chassis
- Virtualized server with NMS and Protocol Processor software
- Layer-3 Switch
- 4-Channel Demod License

Total package dimensions:

- 4RU
- Under 75lbs.

Supported beginning with Evolution 3.4*

*Contact your iDirectGov Sales Representative for details

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