

Transportable Network Hub Series 3400

To continually support changing mission profiles and areas of operation, deployed military units need flexible access to military and commercial satellite networks.

Additionally, these units need equipment with the ability to rapidly deploy in order to support both long- and short-term operations. The DataPath Series 3400 Multiband Transportable Network Hub delivers the operational flexibility, capacity, connectivity and control required to ensure mission success anywhere in the world.

Deploying in less than four hours, the Series 3400 provides a secure, reliable, expeditionary network hub in the form of a single-skid earth terminal. Because of this form factor, the system is easily transportable by any Palletized Load System (PLS). With more than 150 units installed throughout Europe and the Middle East, military users have relied on DataPath transportable network hubs for more than a decade.



DataPath's family of custom satellite communications systems are supported by our end-to-end 24/7 support services and powerful MaxView® software for network automation and control. These rugged, field proven systems are designed for sustained and reliable operation and superior performance - anytime, anywhere.

KEY FEATURES

- Modular multi-band capability (X, Ku, Ka)
- Swap bands in under 90 minutes
- WGS Ka- and X-band certified
- Single 20 ft. (6 M) ISO 1C skid configuration
- Designed using COTS equipment but meets 810G

KEY BENEFITS

- Flexibility to leverage available satellite assets
- Interchangeable between military and commercial networks
- Easy transport over air, land or sea with military aircraft and vehicles
- Field-proven, reliable communications

SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
Antenna Size	4.0 Carbon Fiber
Certifications	WGS, MIL-STD-810G
Compliance	FCC, Eutelsat, Intelsat
Configuration	Integrated 20ft ISO 1C Single Skid
Frequency Bands	Military X, Ku, Military Ka
M&C	MaxView® Enterprise™
Modems	4RU Customer Specified Expandable
Power	On-board 10KVA TQG (optional) Generator/Shore 220-240 VAC, 50Hz or 60 Hz (ATS)
Rack Space	27 / 54 RU
Temperature	Operating: -30 deg C to 50 deg C Storage: -40 deg C to 71 deg C
Weight	<5.3 metric tons (11,684 lbs)

RADIO FREQUENCY (RF)			
RF Parameter	X-Band (Single/Multi Carrier)	Ku-Band	Ka-Band
Downlink Frequency (GHz)	7.25 - 7.75	10.95 - 12.75	20.2 - 21.2
Uplink Frequency (GHz)	7.9 - 8.4	13.75 - 14.50	30.0 - 31.0
Number of Feed Ports	2 or 4	2 or 4	2 or 4
Polarization	Circular	Linear	Circular
Up to EIRP (dBW) Linear	72.7	75.3	78
Up to G/T (dB/K) @10deg elevation	27.2	31	32.5