SEAMLESSLY CONNECTING USERS ON THE BATTLEFIELD

▷ All-in-one communication platform
▷ High capacity routing, switching and communication services
▷ Simultaneously interfacing multiple communication bearers
▷ Hosting Thales’s leading communications server AMS
▷ Rugged, compact and modular design
▷ Quick and easy deployment

T.N. 4440 DRAKON
Tactical Network Platform for Large Command Posts
OPERATIONAL ENVIRONMENT

DRAKON, a key networking component of the widely-deployed Thales Nexium Theatre solution, is at the heart of tactical communication systems, seamlessly connecting users across the battlefield.

It comes with Thales’s Advanced Military Services (AMS) that provides users with communication services, including voice, video and data, mediation and networking services that are vital to mission success.

Rugged and compact, DRAKON is the best-fit solution for Large Command Posts; withstanding the most extreme environmental conditions and versatile for fixed, vehicle or man transportable installations.

TECHNICAL PARAMETERS

HW Platform
- CISCO Integrated Services Router
- AMS Communication Server
- Optional additional server (i7, SSD 128 GB)
- GPS board
- Internal climate control system

Interfaces

Military 38999 front connectors

User Interfaces:
- 4 x Analogue FXS
- 10 x Ethernet with POE
- 3 x Electrical 10/100 Mb/s LAN
- 1 x Optical LAN

Network interfaces:
- 2 x E1 & 2 x FXO
- 2 x Electrical 10/100 Mb/s
- 2 x Electrical 10/100/1000 Mb/s
- 1 x Optical Gb/s

Other:
- 1 x GPS interface
- 1 x Maintenance

Network
- DHCP, VLAN, NTP
- Security: VPN, IPSEC
- Routing: OSPF, BGP, Static
- VoIP Gateways: H323, SIP

Telephony
- Supports up to 150 VoIP Phones
- Protocols: SCCP, SIP
- PBX services including conferencing and hotline
- Military services including user affiliation, precedence / pre-emption

Environmental
- IP Protection: IP65
- Operating temperature: -20°C to 55°C
- Solar radiation: 1120W/m2, 49°C
- Storage temperature: -40°C to + 70°C
- Humidity: 95 %
- MIL-STD-810 G
- MIL-STD-461 F
- CE, ROHS, REACH and WEEE

Physical

Dimensions and Power
- Size: 482 (W) x 600 (D) x 166 (H)
- Weight: <40kg
- Power supply: 100-240V AC or 19-33V DC
- MTBF: > 80,000 hrs