BASE CAMP
CONNECT

EXPEDITIONARY COMMUNICATIONS

Robust system combining voice, data and radio interoperability for use in classified environments.

🍁 PROUDLY BUILT IN CANADA

BCC-MICRO

REDUCE YOUR WAVE PROPAGATION

The BCC-MICRO is frequency and radio agnostic, acting as a cross-band, cross-platform and cross-encryption gateway.

It is designed not to emit any RF waves. The system does not allow wireless connectivity, thus reducing the risk of the enemy intercepting confidential communications.

The integrated Sigma® software provides a robust flexible Unified Communications platform that can be deployed in public, private, and hybrid cloud environments.

Many options are available for defence industry including VoIP, video, conferencing, MLPP with presence, unified messaging, voice mail, and enterprise features.

The BCC-MICRO is compatible with other Call Control Software applications depending on customer preferences.

All BCC-MICRO systems can be customized. The information contained in this technical sheet is based on a standard configuration and serves for informational purpose only.

KEY FEATURES:

Connect up to 5 radio networks & create 4 radio talk groups

Compatible with all military and commercial radios, ciphertext and plaintext radios

VM Server for your TAK Integration

Session Initiation Protocol (SIP) compatible

Link each radio talkgroup to a SIP extension

Keylock switch to isolate the Interoperability Board from SIP or SIP & LAN

Works on multiple power sources

5-minute boot time

Resilient to hard shutdowns

Compatible with Satellite equipment

Virtual Conference Rooms with classification levels

Rugged PTT military handset included

RADIO GATEWAY

RADIO INTERFACE: 5 Ports / 4 Talkgroups (SIP) / 4 Speaker Jack Connectors (3.5mm-1/8'')

RADIO INTERFACE CABLES: 5 Cables included

COMPATIBILITY: Any frequency, modulation and encryption

SIGMA® Software

MULTIPLE SIP TRUNKS

UP TO 100 CONNECTED EXTENSIONS / 100 SEATS WEB CONFERENCING (OPTIONAL)

REDCOM SECURE CLIENT FOR WINDOWS & ANDROID APP AVAILABLE

SCALABLE LICENSING

STANDARD-BASED INTEROPERABILITY

UNIFIED COMMUNICATIONS - XMPP WITH PRESENCE

TLS ENCRYPTION FOR CALL SET-UP / SRTP PAYLOAD ENCRYPTION

WIDE AUDIO/VIDEO CODEC SUPPORT

SERVER

ONBOARD INTEL CORE I5-1145G7E

DDR4 16G RAM W/T

512G SSD W/T

VMWARE ESXI™ 8

ROUTER

TRAFFIC SHAPER

VIRTUAL PRIVATE NETWORK

BUILT-IN REPORTING AND MONITORING TOOLS

802.1Q VLAN SUPPORT

STATEFUL INSPECTION FIREWALL

GENERAL & ENVIRONMENTAL

INPUT POWER: 5A @ 12VDC (110 to 240 VAC power adapter included)

SIZE: 15.8'' x 12.1'' x 6.8'' or 40.13 cm x 30.73 cm x 17.27 cm

WEIGHT: Approx. 10,2 lbs. / 4.54 kg

CASE COLOR OPTIONS AVAILABLE

TEMPERATURE: Operating: -20 to +50 degrees C / Certified MIL-STD-810H
Storage: -40 to +60 degrees C

2 PoE+ PORTS (VERIFIY EQUIPMENT POWER BUDGET)/ 1 WAN PORT

HUMIDITY: UP TO 95% @ 55 DEGREES C

IMMERSION & DUST-TIGHT: CERTIFIED IP67 RATING

2-YEAR WARRANTY (5-YEAR WARRANTY ALSO AVAILABLE)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE