

TacG2 (AN/VIC-5 v2.0)

The next generation of reliable, effective IP enabled digital intercom systems providing safe, secure and reliable communications in any combat environment.



Mission critical platforms require a Vehicle Intercom System (VIS) that provides high reliability to allow the crew to complete their mission, even after battle damage has been sustained. Chelton's modular approach to VIS provides customers with a complete capability across a wide spectrum of platform types and functions; ranging from light vehicles to heavy armor and command centers enabling safe, secure, fast and reliable voice and data communications.

TacG2 is an IP enabled digital vehicle intercom system, which allows bridging and conferencing of voice and data communications over a wide range of systems including: radios, phone lines, voice over internet protocol (VoIP), internet protocol (IP) and field wires.

TacG2 retains the base features of other VIS in the Chelton family (AN/VIC-3, LV2, ROVIS) and uses the same form factor, cable assemblies and mounting points to create a truly backwards compatible system.



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Third Party SIP Compatible

The TacG2 intercom system is capable of VoIP communication and interfacing with your existing external SIP server solution, for SIP trunked calls over wide area network (WAN).



Mobile TOC

TacG2 offers the ability to interface with an external SIP Server or can act as a local SIP server to enable a mobile tactical operation center (TOC) to be formed between local assets. All radios, crew stations, alarms are reachable over the network. TacG2 can cross band radio nets together.



Hybrid Mode

One drop-in box replacement to upgrade your existing AN/VIC-3/ROVIS system, in order to IP enable your VIS and provide access to VoIP communications and radio remote control.



Radio Remote Control

Remotely control connected tactical radios directly from TacG2 crew stations.



Interoperability

Control TacG2 from third party systems; such as C5ISR; via its IP enabled remote control interface.



Mission Configurable

Soft Interface; which can be accessed from Battle Management System (BMS) or laptop; for rapid configuration of VIS. Separate profiles can be quickly accessed from individual crew stations during operations.

The TacG2 Family (AN/VIC-5 v2.0)

Increased capability and functionality for up to 20 crew members and 16 radios.

Tactical Gateway Station

- ✓ Three radio ports with RS232 data
- ✓ Ethernet connection / IP network gateway
- ✓ Inter-vehicle connectivity
- ✓ BIT and fault monitoring
- ✓ NVG compatible displays
- ✓ Software upgradable in the field or remotely
- ✓ Remote radio control
- ✓ Third party SIP compatible
- ✓ Centrally controlled blackout mode



Advanced Crew Stations

- ✓ Ethernet / RS232 for data transfer, SIP phone, PC and more
- ✓ NVG compatible displays
- ✓ Selective calling
- ✓ Live/Vox/PTT selection
- ✓ Noice-tracking Aox
- ✓ Selection of work/monitor radio



Radio Interface Terminal G2

- ✓ Provides two radio ports
- ✓ With RS232 data for remote radio control



Tactical Gateway Interface

- ✓ VoIP gateway
- ✓ IP over Field wire
- ✓ Large color screen
- ✓ Interface Optional headset/handset



Tactical Operations Center

Each TacG2 system is capable of utilizing local vehicle networks and connecting into a WAN (wide area network).

