

SWITCHPLUSIP C-OTMPLUS

INTEROPERABLE COMMUNICATIONS
FOR RAPID INCIDENT RESPONSE



HARRIS® TECHNOLOGY TO CONNECT,
INFORM AND PROTECT™

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INTEGRATED COMMS FOR COMMAND POSTS

For over 60 years, Harris has been a trusted provider of mission and safety critical products, solutions, and services that support emergency management and incident response agencies globally. Our leading edge solutions significantly improve the speed, effectiveness and capacity of our customer's ability to respond to extreme events that could affect the community.

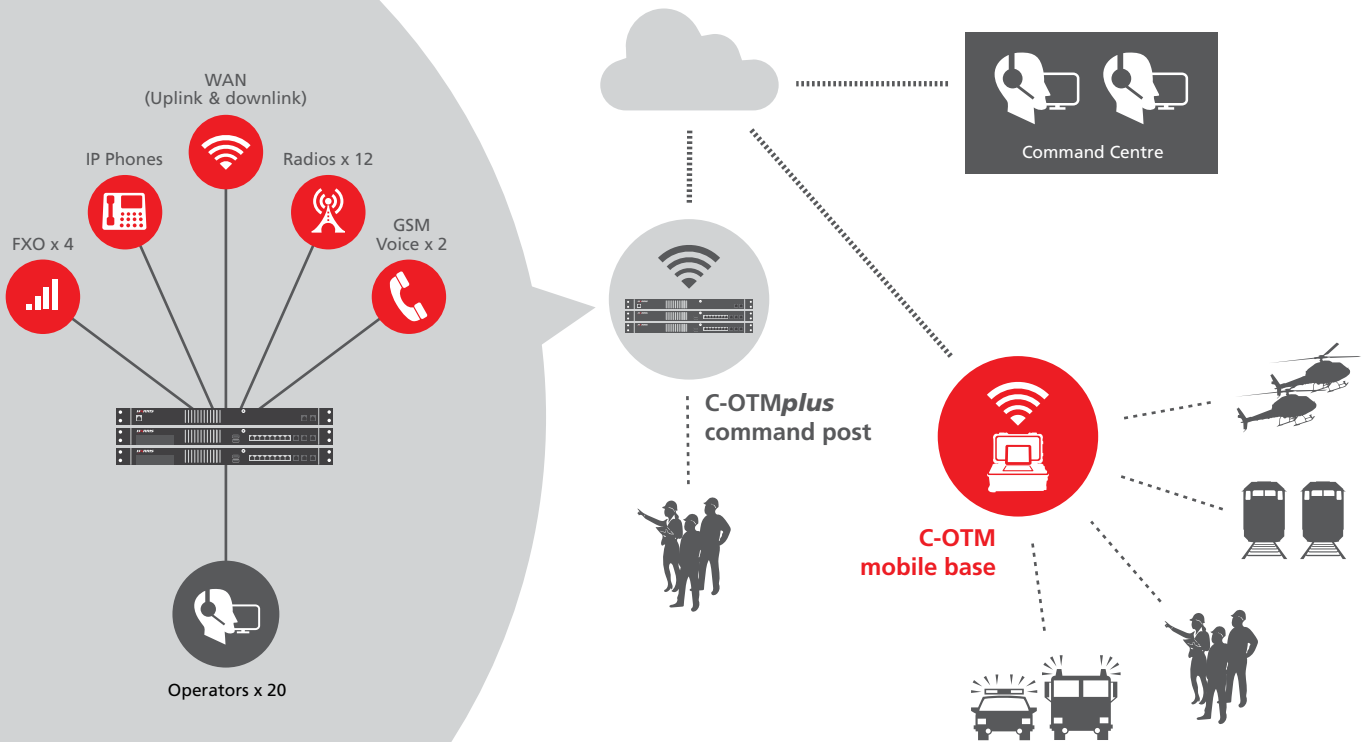
OFF-THE-SHELF DEPLOYMENT

C-OTM^{plus} is just 2RU in size, easily transportable and supports both fixed and deployed applications. The full featured C-OTM^{plus} allows users to integrate disparate technologies including IP and analogue phones, terrestrial and cellular telephone networks, digital trunked and conventional radios, and wide and local area networking equipment in a small modular footprint. The system allows these different communication sources to be automatically routed, patched, and conferenced to provide a truly interoperable communications solution coverage across the entire incident.

MULTI-AGENCY OPERATIONS

With the ability to easily network via existing IP-based communications infrastructure, C-OTM^{plus} is designed to support geographically distributed operations, allowing commanders to manage deployed and distributed assets.

C-OTM^{plus} allows deployed Tactical command-centres to be quickly set up and operated using their existing communications equipment to interoperate with other agencies.



MOBILE COMMAND CENTER

In addition to interoperability, C-OTM^{plus} provides a standalone command center with full dispatch capability for multi-agency operations. The powerful touch-screen based operator position allows real time command and control of your entire existing communications infrastructure. It provides Reach-Forward access to radio nets connected to locally deployed C-OTM units and Reach-Back to allow state or federal level centers to monitor remote communications via the Satellite or IP WAN.

FLEXIBLE CONFIGURATION

C-OTM^{plus} is software configurable and is based on the Harris world leading Switch^{plus}IP platform. Using VoIP-based technology, the system provides flexible and seamless communications between IP, digital and analog communication devices with IP-at-the-core and no TDM elements.

FEATURES

Integrated radio communications: P25 (DFSI), Tetra (PEI), conventional UHF, VHF, HF (ALE, SELCAL)

Advanced remote radio control: channel change, gain, mode, power, etc (dependent on radio support)

Digital radio integration: emergency, man-down, individual/group call, SDS, GPS location etc (direct IP to infrastructure or PEI)

Integrated IP and legacy telephony: SIP, E1/T1*, FXO, FXS*, PAGA (Giant Voice)

Facility control: doors, sirens, booster pumps, lighting, access gates & CCTV. Ideal for deployable command posts or major incident management

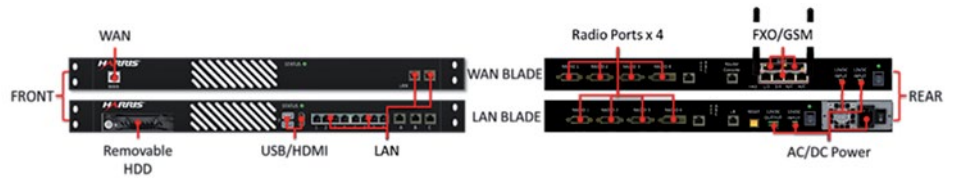
Alarm monitoring: interface to distributed fire alarm panels from buildings and concourse (alarm panel dependent)

Configurable Standard Operating Procedures

True IP-at-the-core (no TDM elements)

Any operator, any radio, anywhere





SPECIFICATIONS FOR: C-OTMPLUS

PHYSICAL

Dimensions (per blade)	Width: 19" rack mount Height: 44.5mm (1 Rack Unit) Depth: 450mm
Configuration	Up to 3 x blades per system Static or deployable rack configuration

POWER

AC	100-240 VAC
DC	12 VDC
Power supply	AC and/or DC switch

CONNECTIVITY

Ethernet LAN	16 x IEEE 802.3 10/100 Base-T
Radios	12 x 4-wire E&M (including serial for control). Supports interconnection of radios of any band including HF, VHF, UHF, P25, Tetra. Cables available for a wide range of radio types
Cellular gateway	2 x GSM audio channels
External antennas	GSM
Telephony	4 x FXO, IP phones (optional) 50 x IP phones (requires additional IP switch) SIP Trunk
WAN	100/1000 Base-T, (Optional 4G Ethernet*)
Redundancy	Fully redundant in dual LAN blade topology: Power, CPU, IP Switch
Max configuration	2 x LAN blades and 1 x WAN blade

OPERATOR POSITIONS

Operator Control Unit (OCU)	Full dispatch and interoperability functions supported from Ruggedized Toughbook or desk mount touchscreen for up to 20 local and remote operators
Headset	Commercial noise cancelling headset standard

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About Harris Corporation

Harris Corporation is a leading technology innovator, solving our customers' toughest mission-critical challenges by providing solutions that connect, inform and protect. Harris supports customers in more than 125 countries, has approximately \$8 billion in annual revenue and 22,000 employees worldwide. The company is organized into four business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

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*Via external gateway

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