

SwitchplusIP[®]

FOR PUBLIC SAFETY



Simplifying communications

SwitchplusIP[®]

for Public Safety and Emergency Services

C4i has extensive experience providing advanced integrated command, control and communications systems for the emergency services and public safety markets; delivering solutions to suit the requirements of multiple applications.

C4i's solutions are designed to achieve high situational awareness with a variety of configurations. From single and multi-site radio dispatch and interoperable systems, to command van and mobile command-post systems, to mobile flyaway kits. C4i has built leading edge solutions for the Public Safety and Emergency Services market for decades.



SwitchplusIP[®] Command-Center

C4i's SwitchplusIP[®] Command-Center provides operators with a fully featured dispatch command and control system that can be expanded from the smallest single site system to the largest multi-site inter-agency and national system. In addition to providing the leading feature set in the market place for dispatchers, Command-Center also integrates a range of typically disparate systems, including: telephony, facility control, alarm monitoring, public address, CCTV and voice and data recording. Coupled with intuitive interactive operational procedures the system assists the operator to respond to any type of situation under even the most demanding situations.



SwitchplusIP[®] Command-Center LT

SwitchplusIP[®] Command-Center LT is a compact, modular, deployable IP based Command and Control System for command-van or transportable dispatch center applications. It provides remote and mobile operators with flexible, rapid and interoperable access to vital communications resources in an extremely small and ruggedized package. Command-Center LT provides the local incident manager with a powerful feature set to assist with on-site management via clear digital communications in disaster situations and is perfect for temporary emergency operations center applications.





SwitchplusIP® = Interoperability

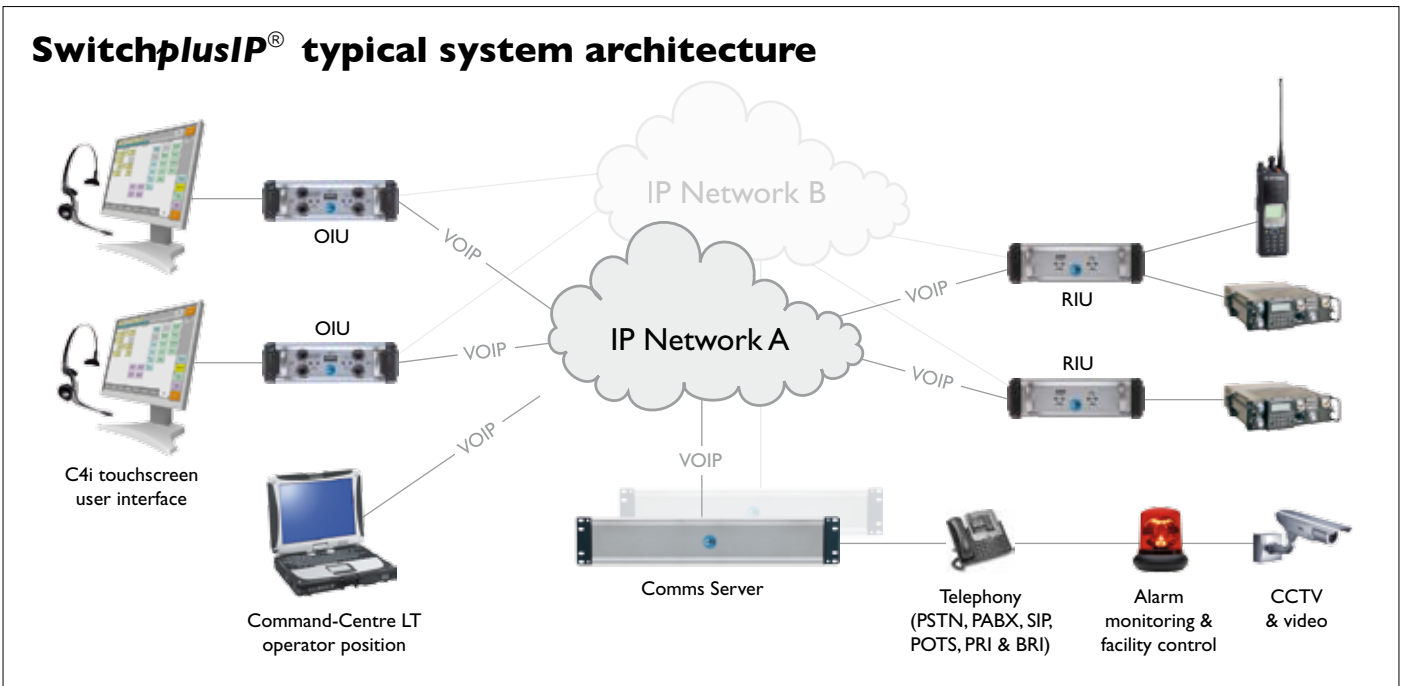
Switch**plusIP**® provides powerful and intuitive configuration capability, plus the ability to control and monitor interoperability networks (NETs) from any PC on the network. It allows radio/radio, radio/telephone and telephone/telephone NETs to be created quickly and easily, ensuring any radio can be accessed by any standard mobile phone or telephone handset on a corporate or enterprise telephone system. Switch**plusIP**® utilises the technology of Radio Interface Units (RIUs) which can be used to provide convenient leased line replacement for radio network infrastructure; integrated with other open-standards solutions such as RTP; or used as part of a larger total C4i communications solution. Switch**plusIP**® RIUs are available in a variety of packaging formats, including ruggedized Mil-Spec for remote unattended and vehicle applications, and 19" rackmount applications featuring small space, high density configurations.



SwitchplusIP® Platform Features

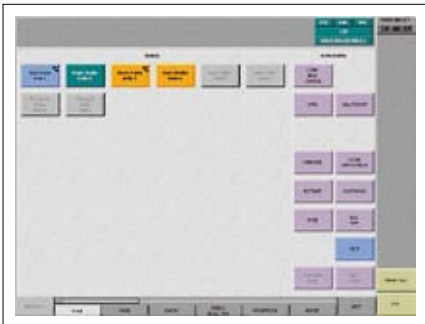
- Support for single and distributed multi-site systems
- Flexible, customizable graphical touchscreen user interface
- Scalable from 1 to 100s of users
- Coverage for multiple radio technologies (P25, Tetra, MPT 1327, MDC 1200, Tone Remote, Two-Tone Paging, HF-ALE, UHF, VHF)
- Control of local and remote radio assets (channel, talkgroup, frequency, power, mode, etc where supported by the radio)
- Integration of two-way radio, telephony, facility control, fire alarms, public address, CCTV, voice and data recording, LAN and WAN and security systems
- Any-resource-anywhere-anytime capability
- Support for IP and legacy telephony integration (SIP, E1/T1, PRI/BRI, FXO, FXS)
- Access to configurable Operational and Emergency Procedures with integrated asset management and vehicle dispatch
- Radio brand agnostic interoperable communications
- Enhanced fault tolerance and high availability system design
- Access and control of live video feeds to the operator interface including pan, tilt, zoom for capable cameras
- Ongoing software feature development to eliminate obsolescence

SwitchplusIP[®] typical system architecture



SwitchplusIP[®] User Interface

A sample selection of user interface screens is shown below:



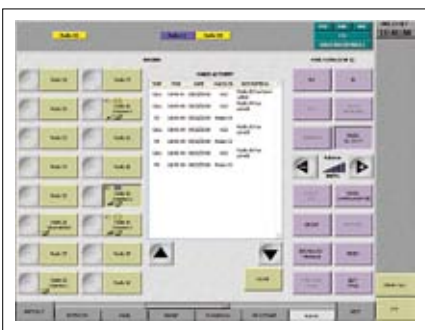
Role based user access



Seamless telephony and radio integration



Access to 100s of radios



Integrated radio activity



Fire and facility alarm integration



Standard operating procedures

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