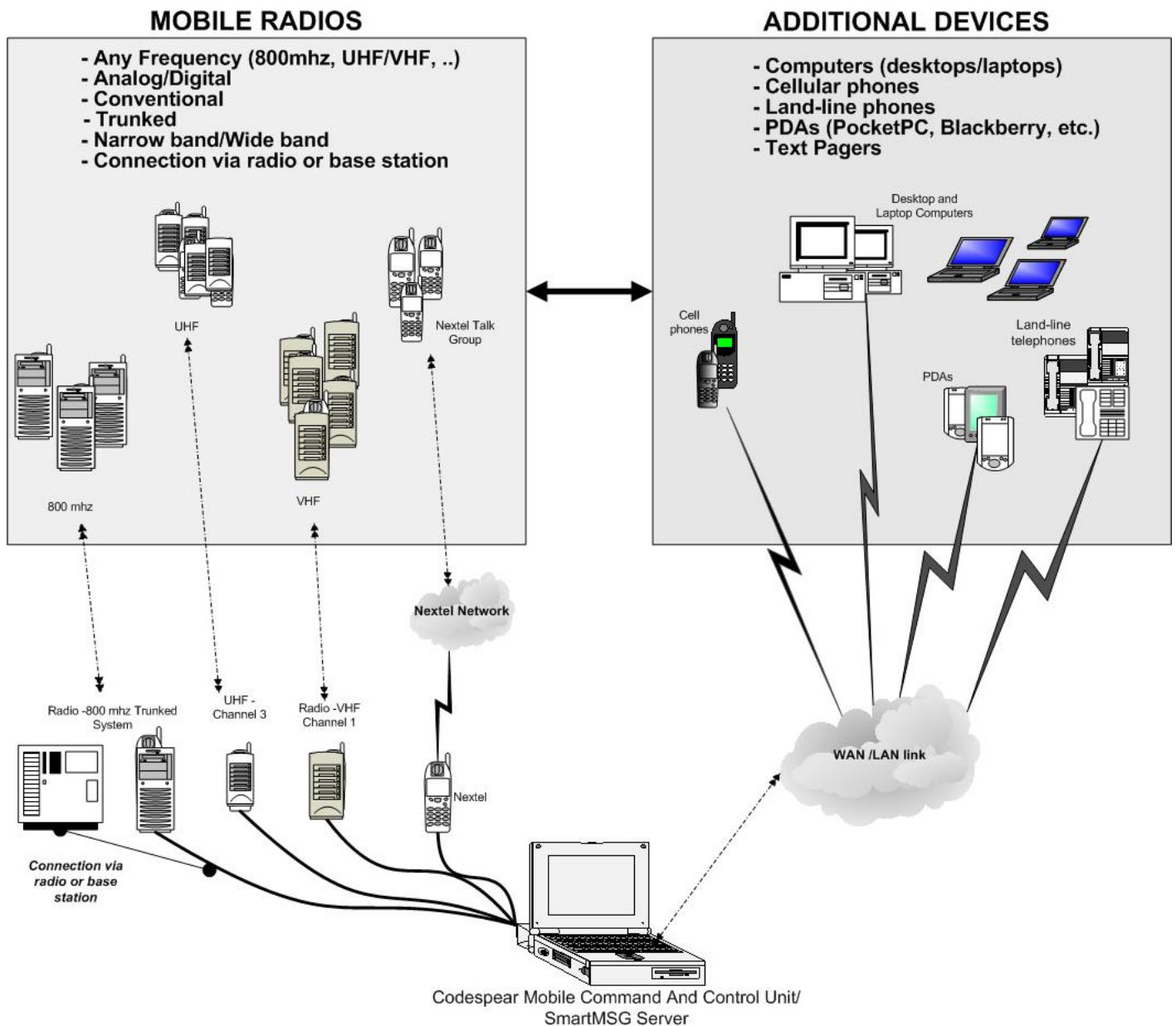


SmartMsg provides a comprehensive Interoperability solution enabling Emergency alert notification and live communication across multiple devices, including: 2-way radios, phones, computers, pagers, hybrid cellphone/radio devices (such as Nextel Direct Connect), and more. Disparate radio systems (including different brands/models and different frequencies) can be bridged by simply docking radios into the Mobile Command and Control Unit or stationary unit. Various communication equipment is linked and therefore different entities are able to work together seamlessly during both emergency incidents and planned events.



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SmartMsg Communications Interoperability Features:

- Utilizes SmartMsg Server software enabling radio communications over an IP-based network.
- Rugged, highly-mobile Command and Control unit. (Rackmount / Stationary units also available)
- Easy interconnection of disparate radios (VHF, UHF, 800mhz, 900mhz, SATCOM, LMR, and others)
- Flexible configuration involves simply docking in devices. Preset configuration settings for each device, with no special training/skills required for use at an incident scene or dispatch/EOC site.
- SmartMsg software extends radio signal ranges and enhances the reliability of radio links where there is poor RF transmission (for example high rise buildings, basements, subways, etc.)
- Unified Emergency alert broadcasting to all communication devices, including: radios, cellular phones, text pagers, computer workstations (pop-ups), land-line phones, PocketPC, Blackberry, E-mail addresses, hybrid cell phone/radio devices (such as Nextel *Direct Connect*^{TM*}).
- Complete scalability, redundancy and automated failover provided by linking multiple units and servers in a system.
- Allows migration from an analog system to a digital system gradually and seamlessly as new equipment purchases are made, training is completed, etc.
- SmartMsg software provides complete console for broadcasting alerts and receiving and evaluating response data from all device types.
- Authenticated secure system – proper credentials required to operate the system.
- Link radio systems and phones (cellular, PBX, IP) to allow a phone call to be relayed over a radio link and vice-versa
- Built-in Voice-over-IP (VoIP) technology allows long Distance Radio communications
- Alerts can be broadcast simultaneously to both 2-way radio devices and other devices, such as: cellular phones, text pagers, computer workstations, PDAs (PocketPC, Blackberry, etc.)
- Text to speech allows alerts typed in from a computer workstation or wireless PDA to be simultaneously sent to text devices and spoken on audio devices.
- Real-time language translation – Alerts can be automatically translated and delivered in multiple languages simultaneously
- Built-in Noise Reduction software and compression algorithms for voice transmissions

❖ For information regarding hardware details, see the **Mobile Command and Control Unit – Specification Sheet**

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