

Airfield Emergency Response Solutions

Alert II Emergency Conference System Primary / Secondary Crash Alarm for Military Airfields

**RELIABLE, INSTANT TELECONFERENCING FOR
IMPROVED AIRFIELD COMMUNICATIONS AND RESPONSE**

With unmatched reliability, the Alert II Emergency Conference System instantly connects key first responders and enhances Air Rescue and response capabilities. The system establishes an immediate secure teleconference, initiates sirens & strobes, and broadcasts conference audio.



The Alert II Emergency Conference System is an emergency crash conference system designed specifically for Military Airfield applications. The system is completely independent, extremely reliable, and provides “One Touch” activation and configuration. The Alert II instantly rings all stations simultaneously, establishing a secure and immediate teleconference. Additionally, it can initiate sirens & strobes, broadcast conference audio via public address systems and open Fire / Security bay doors. A “One Touch” graphical user interface provides complete system control, including instant visual indication of all stations on the Crash Net, their operational status, and “One Button” crash alarm activation. Designed specifically for, and in conjunction with, the US Air Force to exceed all operational, reliability and performance benchmarks for Crash Alarm applications. The Alert II system is successfully deployed in many US Air Force, Air National Guard, Army Airfield, and Naval Air Stations across the US and around the World.

Primary Crash Alarm System (PCAS) Secondary Crash Net (SCN)

- Also Supports Crew Alert and Force Protection (Perimeter Security) Applications
- Instant Ringing creates an Emergency Conference for First Responders
- One Touch Graphical User Interface
- Dedicated Purpose Built Hardware Provides Superior Performance and Reliability
- Meets AFI Requirements for ATC and Airfield Management (AFI 13-203 & 13-213)
- Broadcast Conference audio over Public Address Systems
- Initiate Sirens, Strobes, and Bay Doors



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World Leader in Conferencing, Collaboration
and Emergency Response Applications

Alert II System Overview



The Alert II Emergency Conference System is an emergency crash notification and conference system (PCAS or SCN) designed specifically for Military Airfield applications.

The system's application specific dedicated hardware design optimizes the system for size, reliability and performance, and provides a level of reliability far beyond other systems. The Alert II instantly rings all stations simultaneously, establishing a secure and immediate teleconference. Additionally, it can initiate sirens & strobes, broadcast conference audio via public address systems and open Fire / Security bay doors.

A "One Touch" graphical user interface provides complete system control, including instant visual indication of all stations on the Crash Net, their operational status, and "One Button" crash alarm activation.

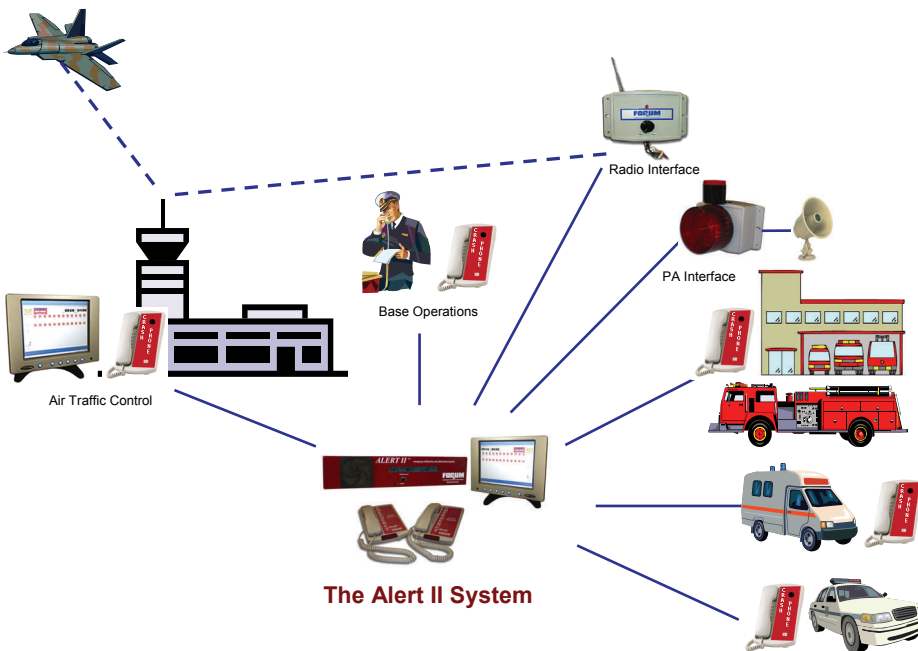
The Alert II includes robust ring generation modules that provide instant ringing at all stations (<1 second) and includes enhanced lightning protection to prevent line or system failures. Other technologies consistently fail to provide the instant and loud ringing required for these critical applications.

In addition to the Primary / Secondary applications, the Alert II has also been installed in integrated or stand alone Crew Alert applications, to activate scramble alert sirens and strobes, and also in Force Protection applications, providing perimeter security alerts with phones, sirens or other devices.

The design flexibility adapts to various field implementations and / or environments, including dedicated campus wiring over copper or fiber (FXS) or through the PBX (FXO). The Alert II provides a form - fit replacement utilizing existing infrastructure, and has been designed to integrate with existing PA and Radio systems. The compact design is expandable from 8 to 96 ports in a 2U chassis.

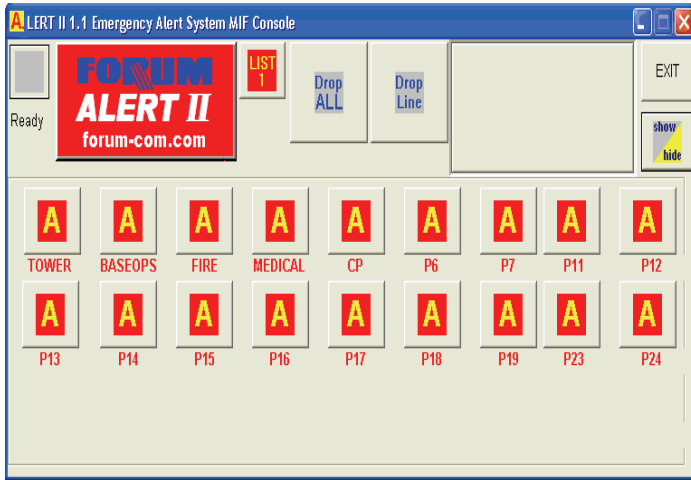
The Alert II is successfully deployed in many US Air Force, Air National Guard, Army Airfield, and Naval Air Stations across the US and around the World.

Alert II Typical System Configuration



- **Easy to use Graphical User Interface (GUI) provides Visual indication of all Station Status and "One Touch" system Configuration and Activation.**
- **Blast Initiators have complete visual indication and control of all Stations in the Conference**
- **The system provides immediate ringing response (< 1 second) to ring all sets on the system.**
- **Radio Interface Module connects Alert II system to ATC Radio Communications**
- **Public Address Interface Module Connects to existing Base, Fire, and Medical Facilities to Broadcast Conference Audio**

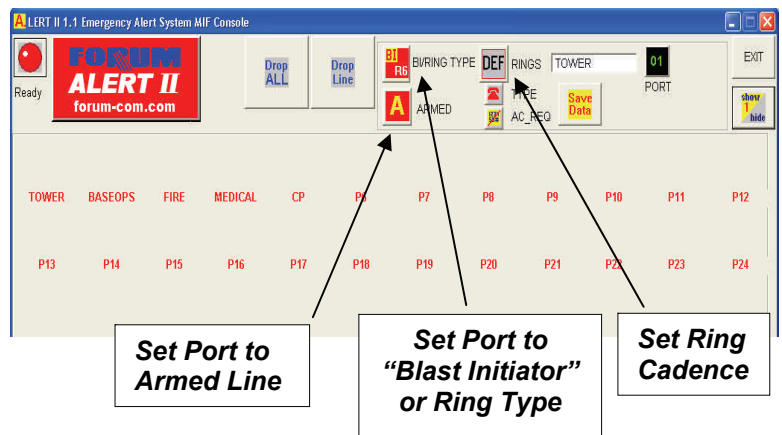
Touch Screen Graphical User Interface (GUI) Instant Visual Indication of System Status & Operation



Simple Straightforward Operation

Phones selected as Blast Initiator phones provide the means to initiate a crash blast.

- When any one of the designated Blast Initiator phones is taken off hook, a crash blast of all “armed” lines is performed.
- The Touch Screen indicates when a line is ringing, answered, and who is speaking
- Clear Conference Audio is established immediately with no disturbing ring tones heard while participants join the call



Alert II Peripheral Interface Modules Provide Integration with your existing systems

- **Public Address Interface Module** connects to your existing PA / Broadcast systems
- **Radio Interface Module** connects to your Air Traffic / Land Mobile Radio systems
- **Contact Closure Interface Module** activates Bay doors, lights, or security locks
- **Strobe / Siren Modules** initiate Visual and Audio alerts



Alert II Platform and System Design Specifications

Our technology platform includes a dedicated, application specific embedded hardware design coupled with industry leading software, state of the art digital signal processing, independent robust ring generators, and a graphical user interface (GUI) for visual system status and control. The design allows the system to be optimized for size, reliability and performance, and provides specific features and functionality required by the Crash Alarm application. The system's dedicated hardware provides a level of reliability and performance far beyond other systems.

System Chassis	Height	2U
	Width	19 inches
	Depth	12 inches
	Weight	6 lbs
	Power	115/220 VAC 130 watts max
Ring Down Unit	Height	2U
	Width	19 inches
	Depth	9.5 inches
	Weight	12 lbs
	Power	115/220 VAC 200 watts max
Interface	2 wire loop/ground start line RS-232 interface for control and monitoring Amphenol 50 pin connector	
Ring Response	1.0 second or less	
Control	Touch Screen Monitor w/ Graphical User Interface	
Capacity	8 to 96 Port Systems	

A "One Touch" graphical user interface provides complete system control, including instant visual indication of all stations on the Crash Net, their operational status, and "One Button" crash alarm activation.

The Alert II System



Dependable, Reliable Emergency Response Capabilities

Celebrating 20 years of service excellence and customer satisfaction, Forum Communications has over two decades of experience in the design and deployment of audio conferencing, collaboration, and emergency response applications. Forums complete line of conferencing and collaboration products have been the solutions of choice for Military (DoD) applications, businesses, and enterprise customers of all sizes. From small business and branch offices to Fortune 500 organizations and military bases around the world, Forum continues to demonstrate our proven commitment to customers with on-going enhancements, innovative feature sets, and award winning product solutions. Our products are purpose built and designed using the latest in technology and user interface design practices. From conferencing to emergency response solutions, Forum continues to deliver.



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