



# LibertySHIELD

## Interoperable Communications System

The Achilles' heel of most security solutions is integration – the video system does not tie into the communication system, the phones can't talk to the radio network, digital imagery isn't easily accessed by mobile units, and so on. All of these incompatible systems for voice, video and data typically require a separate interface, footprint, and operating protocols.

Sharing information becomes complicated and collaboration is impeded. Yet, more than ever, dealing with security threats depends on rapidly gathering, analyzing, and sharing information.

# Fast, accurate information and timely collaboration



Solacom's LibertySHIELD Interoperable Communications System integrates a wide variety of analogue, digital and IP protocols and standards into a secure Common Operating Picture that can be shared between fixed and mobile security positions.

LibertySHIELD also enables your voice, video and data systems to interoperate, enhancing your communication effectiveness with powerful cross-connect and collaboration capabilities.

At the security center, the Common Operating Picture delivers enhanced situational awareness with a more complete dynamic view of events. Critical information aids such as maps, video images or data files can be quickly accessed and made part of the shared picture.

An unbroken chain of information from the field to security center enables the swiftest response possible. Actionable situational awareness is immediately shared with mobile personnel equipped with portable digital devices or tablet PCs, allowing unprecedented flexibility in the field.

## Intuitive interface aids command efficiency

By integrating more information than ever before possible into a single or dual screen configuration, LibertySHIELD offers far greater efficiency to rapidly present and share situational awareness.

The graphical screen layout is completely customizable, allowing you to set up profiles based on individual operators, or it can be locked to a standard display for all operators. It can also be easily modified to suit specific events.

*LibertySHIELD Interoperable Communications Systems are engineered for Border Protection, Airport and Seaport Security, Critical Infrastructure Protection, Metro Security, and Oil & Pipeline security*



## Collaboration even while mobile

Portable digital devices and personal computers allow mobile units to access a Common Operating Picture and ensure optimum coordination for responding to rapidly changing circumstances.

Real time information sharing is maintained on the go with built-in collaboration features such as annotations, live file sharing and conferencing.

## Ideal for a reliable, cost-effective security network

LibertySHIELD is highly scalable, from small mobile applications to large security center environments; as a standalone or a networked solution. Plug-in modules add functionality and create a very versatile system that meets your needs but doesn't incur costs for features you don't want. Plus, its IP-based architecture can greatly reduce networking, equipment and operational expense by saving on space, power, spares, and support.

With extremely high availability and built in redundancy, or hot-standby duplication, LibertySHIELD is engineered to provide mission critical performance with '6 nines' reliability. Also, because it is IP-based, LibertySHIELD makes it easier and more economical to establish a networked system of command points, where communications can be immediately rerouted if a post goes down for any reason. Operators can log into any LibertySHIELD console in the network, access their profile and work as though sitting at their regular terminal.

Standalone or networked LibertySHIELD systems can be ordered pre-staged from the factory, allowing for faster and smoother deployments. Also, the system is based on open architecture, making it easier for you to integrate other equipment and devices of your choice.

## Working to develop standards and ensure interoperability

- Interfaces and integrates local and remote radios, landlines, and video from analog, digital and IP sources
- Unifies information for access in one Graphical User Interface
- Built in tools to provide collaboration and information sharing
- Includes powerful cross patching (radios and landline) and conferencing (voice and video (via unicast and multicast) capabilities
- Up to 1000 participants can partake in a conference call integrating wireless, wire-line, VoIP and radio users; and the system can support multiple such conferences
- Contact list and speed dials – with quick find capabilities
- Enables synchronized record and playback with GPS for time stamp
- Supports multiple ancillaries (operator headsets, handsets, speakers etc.) in centralized or distributed format
- Supports mobile access via tablet PCs, laptops or Personal Digital Assistants (an operator can be outside the Ops center and still access radios and assets)
- operates under Microsoft Windows .NET, providing maximum stability and interoperability
- Secure role-based logins with fully definable roles
- Mission critical reliability with system-wide redundancy for 99.9999% availability

# Field proven, time and again

For almost 30 years, we have been engineering rugged systems for critical communications and security situations when lives are literally on the line. Solacom technology is being used in over 26 countries – from guarding base perimeters to aerospace operations and naval command. You'll also find our systems at work in special applications, like NASA's shuttle landing facility, and in the harshest extremes like McMurdo Station in Antarctica, and the sands of Middle East deserts.

At the end of the day, it's all about helping you safeguard the lives and property under your care. We are committed to providing you with the best technology and solutions for security communications.



Contact us today to explore how Solacom LibertySHIELD can integrate your systems into a unified, next generation security communications center.



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