Watchdog Lite™
END USER SOFTWARE PACKAGE

WatchdogLite™ is our entry-level management software application that provides integration and control of Core Tec video encoders and decoders. The WatchdogLite™ software provides playback capabilities of IP-based video/audio streams. The WatchdogLite™ software also provides integration and control of numerous CCTV camera systems from various manufacturers. WatchdogLite™ provides an array of technology and features found to be very useful in the ITS, CCTV, security and surveillance industries.

Integrated Software Video Player for IP-based MPEG2 and MPEG4 video streams
• The WatchdogLite™ Software provides integrated IP-based software video players with audio support.
• Simultaneous viewing of any combination of IP-based MPEG-2 and/or MPEG-4 video streams.
• Real-time access to each IP-based video stream with minimal latency.
• Support for any combination of network protocols, including multicast, UDP unicast, TCP, and HTTP.
• Support for any combination of transport protocols, including program stream and transport stream.
• Support for any combination of resolutions, including D1, 2/3 D1, 1/2 D1, SIF, QSIF, VGA, QVGA and QQVGA video streams.

Auto discovery of encoders and decoders
• The WatchdogLite™ Software provides auto-detection of CoreTec IP-based encoders and decoders on your network and across subnets.
• Provides auto-detection of third-party competitor encoders on your newvork using standardized protocols.

Easy to use intuitive graphical user interface
• The WatchdogLite™ Software provides a customizable user interface that supports numerous screen layouts based on user preference.
• Integrated help system provides searchable access to the system documentation and user manual.
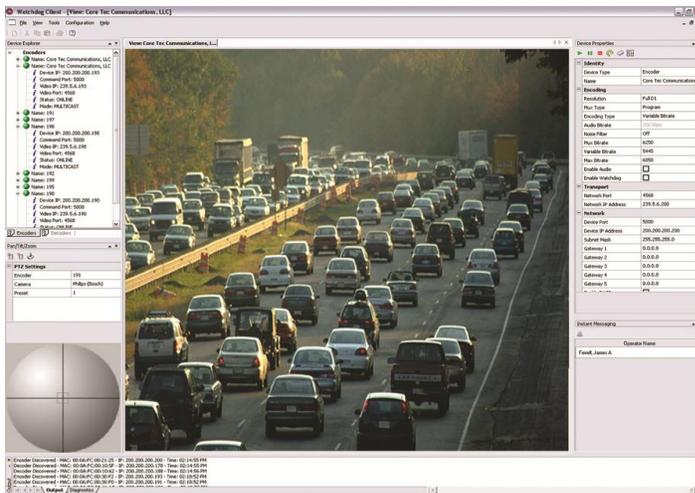
Standalone software application
• The WatchdogLite™ Software is standalone software and requires no no server component.

Control and configuration of encoders and decoders
• The WatchdogLite™ Software uses real-time control to remotely configure field hardened encoders and in-house decoders.
• Ability to configure and control Core Tec IP-based encoders and decoders on your network.
• Access to configure competitor encoders on your network using HTML based protocols.

PTZ control and touring for numerous camera manufacturers
• The WatchdogLite™ Software provides PTZ control for numerous camera manufacturers, including Pelco, Panasonic, Bosch [Philips], Cohu, RVision and Ultrek.
• Provides PTZ touring capabilities and the ability to control camera settings.
• Support for additional camera types optionally

Main Screen of WatchdogLite Software

Operator Management
• Watchdog™ System is a scalable system capable of supporting an unlimited number of users.
• Provides ability for managing system access and operator privileges and priorities.

Support for third-party hardware
• The WatchdogLite™ Software works with third-party encoders providing the ability to discovery and view the associated IP-based video streams.
• Provides access to configure third-party encoders

Software player based video source touring [optional]

• The WatchdogLite™ Software optionally provides the ability to setup the built-in player to perform

Hardware decoder touring
• The Watchdoglite™ Software works with Core Tec decoders to provide decoder touring based on user-defined schedules. Decoder touring provides the ability to monitor a range of video.
• Streams in sequence based on user-defined parameters.

3 level password access
• The WatchdogLite™ Software provides 3 levels of password access.
• Default access requires no password and allows the operator only to discovery encoders and view the associated video streams.
• Controller access requires a special controller password and additionally allows the operator to perform PTZ control.
• Administrator access requires a special administrator password and allows the operator full functionality.

Live image grabbing with FTP transfer [optional]
• The WatchdogLite™ Software optionally provides the ability to setup the built-in player to perfom user-defined periodic snapshot image capture and FTP transfer.

Recommended Minimum Requirements
• Pentium 4 [(3.0 GHz or higher]
• Approved DirectX 9 Compatible Video card
• Microsoft Windows XP Prom SP2
• 512 MB RAM
• 100 Mbps Ethernet network interface card
• IGMP v.2 Ethernet switches