



The Advanced Video Management and NVR Platform



Cware is an advanced video management and Networked Video Recording (NVR) platform that makes control of surveillance networks simpler and more effective than ever before.

Based on open standards architecture Cware provides the freedom to create integrated surveillance networks. Support of multiple IP cameras and encoders from a range of manufacturers ensures investment protection for existing network equipment and integration with new products and technologies in the future.

An advanced user-friendly interface that can be customized to meet individual requirements enables simultaneous access to live and recorded video making it easy for all levels of security personnel to operate and control the system. Comprehensive video management, on screen display, alarm, recording and playback features deliver support for limitless cameras, recording servers and operator workstations. Advanced features such as Image Content Navigation (ICN) and 2.5D Live Maps provide unrivalled video interaction, innovating the way locations are monitored.

Highly flexible and cost-effective architecture enables Cware to easily manage single or multiple locations and all sizes of installation, supporting thousands of cameras. A modular approach utilising common PC, networking and storage hardware, provides a platform for endless scalability, without requiring full and costly system upgrades. The number of cameras, clients and storage capacity can be increased with ease and by supporting a high level of system redundancy disruption to security operations is minimized.

Features

- ▶ Open Architecture – Multi-Vendor Codec and PTZ Camera Support
- ▶ Client Server Architecture
- ▶ Image Content Navigation (ICN)
- ▶ Flexible Add-on Modules that improve security management
- ▶ Video Wall
- ▶ RFID /Barcode functionality
- ▶ Comprehensive Alarm Management with Configurable Triggers, Actions and Alarm Stacking
- ▶ Intuitive and user-friendly Interface with Logical Channel Grouping
- ▶ Multiple Drive Management and Support
- ▶ DVR and NVR Server Operation
- ▶ Continuous/Scheduled/Activity and Alarm Event Recording
- ▶ Intuitive Time/Date/Event/Activity/Video Content Search Options
- ▶ Native-Video and AVI Transcoded Export
- ▶ Half/Full Duplex Audio
- ▶ Virtual Matrix Switching with Hardware Decoder Support
- ▶ Server Multi-unicast for Non-Multicast Networks
- ▶ Multiple Server, Multiple Site Support for Distributed Systems
- ▶ Substantial Logging Parameters and Report Generator

Having supplied thousands of solutions through a worldwide network of channel partners, real world experience is at the heart of Cware development. Based on flexible architecture, boasting advanced features and designed specifically for the user Cware delivers all the advantages of a next generation management platform today.



Technical Specifications

Integration:	Support for popular PTZ protocols Multi vendor IP Cameras Multi vendor encoders and decoders Multi vendor intelligent Video Analytics
Video:	Analogue (via capture card) and IP-Transmission; MJPEG, MPEG-2, MPEG-4, H.263, H.264 Resolution up to 4CIF; 1fps – 30fps; Bandwith managed from 9.6Kbps – 8Mbps per channel Up to 64 channels per server; up to 512 servers per system
Audio:	Full duplex; Half duplex; Press to Talk / Permanent connection
Display:	User configurable Split Screen Modes: 1 - One video output 4 - 2x2 video outputs 9 - 3x3 video outputs 16 - 4x4 video outputs 1/7 – 1 large and 7 small 2/8 – 2 large and 8 small Save Recall preset layouts with pre-configured connections User Configurable 2.5DMap based GUI User Configurable Soft Monitor Arrays
Recording:	Manual, Event & Scheduled Recording Client Workstations local recording
Playback:	Single, Multiple or synchronized channel playback Normal, X2, X4, Reverse, frame by frame playback <u>Search:</u> Time & Date; Video Content Analysis <u>Export:</u> Native or AVI
Export:	AVI - To be played with any windows media player, with no software installation as a prerequisite. Native - Original Recorded Stream to be played with a stand alone player application with no software installation as a prerequisite.
Alarm Management:	Configurable Trigger User Definable Scheduled Alarm Rules Integration of 3rd Party Alarms via I/O Feature
User Management:	User Database with Login, Password and Contact Details, User Profiles with Configurable Permissions and Access Settings
Logging & Reporting:	System Log of Integral Self Diagnostic Alarm and Event Log; Audit Trail of User Login; Logout and Archiving functions; Integral Reporting Application with advanced sorting filters
Cware Add-on Modules (see separate data sheets)	2.5D Maps Image Content Navigation (ICN) Mobile Module Multi-system Control Center System & Recording Redundancy Video Wall Web Client

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