

# WatchNET®*e*

 Videon Digital

## HD NVR

## HD NDVR

### Building blocks for HD CCTV

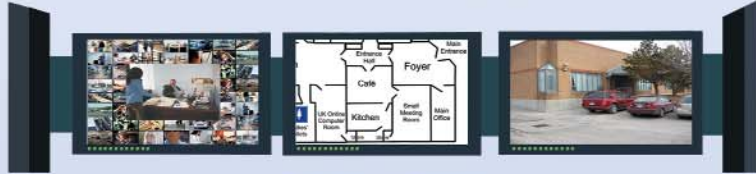


Integrated Single Platform  
Surveillance Solution



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## TRI Monitor Display



1920 x 1080

## Tri View Support

- Interactive 3 Monitor Support
- View & Search Simultaneously
- Divide Cameras Between Monitors
- Live Digital Zoom
- Monitor Specific Cameras Full Screen
- Alarm Pop-up
- e - Map

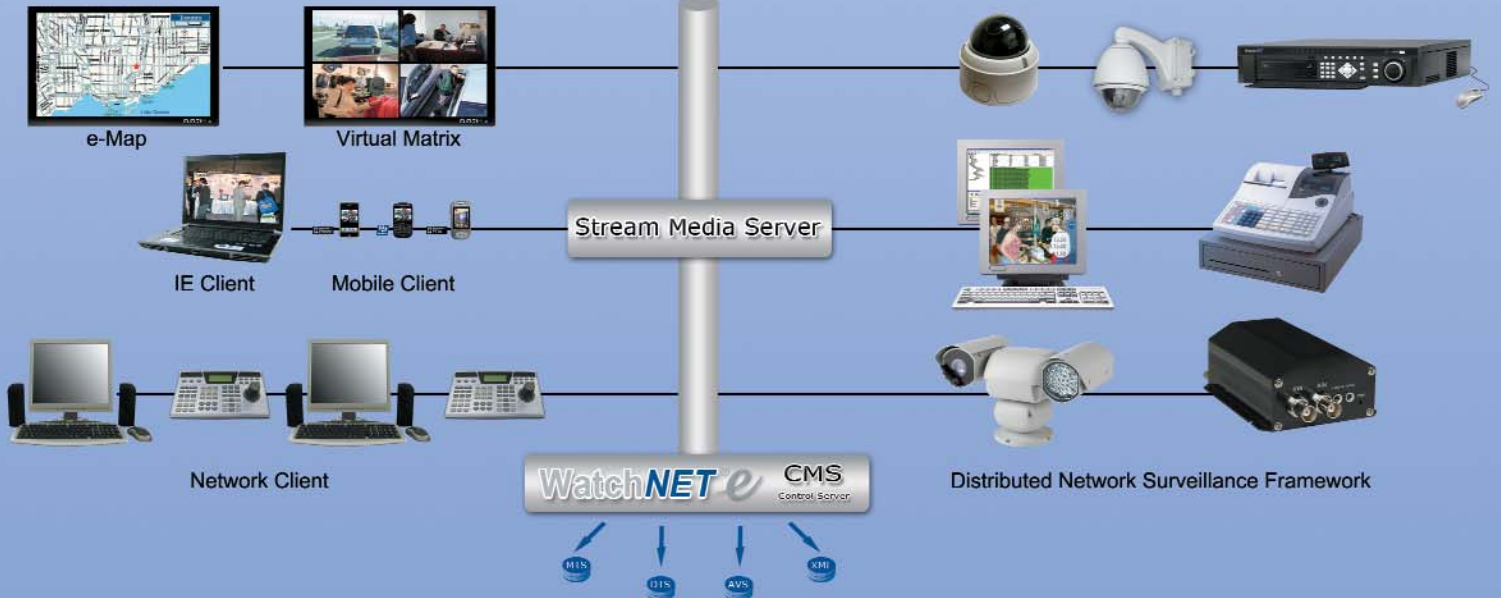
- Motion Detection
- Instant Playback
- Spot Recording
- Video Loss Alarm
- Snap Shot
- CMS Notification

## Instant Video Response



## Smart Intelligent Playback

- Video Image Enhancement with Digital Zoom
- Smart Search Functions
- Synchronized Playback
- Snap Shot Playback
- Storyboard Search
- Direct Burn CD/DVD



# What system is right for you?



**Analog DVR 64CH  
CIF, 2CIF, D1**



**Hybrid N DVR  
Analog & IP**



**True 64CH NVR  
IP & MegaPixel**



Network Attached storage system

## MULTI SCREEN VIDEO WALL MATRIX

- Support Megapixel cameras, IP cameras & video servers
- PTZ reaction presets & distance operations
- Digital PTZ & Multi-dynamics viewer
- Multi Monitor Display
- Smart detection of different events
- Audio visual event annunciation
- I/O Devices Integration
- Multifunctional playback system with instant search
- Compatible with keyboard/joystick
- Most Friendly Graphic User Interface
- E-Map
- Redundant Network Recording



**Full HD  
1080**



Function	Description
Alarm Database	Use of secure Server proprietary encrypted data base Store the site map hierarchy data structures
Central Server	Directly connect to surveillance server to get alarm notifications Provide TCP service for CMS clients' access through network
Supported Alarm Type	Video Signal Abnormal, Digital Input Trigger (Normal / Emergency), Network Abnormal, DVR / NVR Abnormal Focus / Blocked, Low Disk Space, Optional CPU temperature High / Fan Speed Low
Supported Notification Type	Show on alarm / message list, Play sound, Send e-mail, Phone call and play wav file, Send SMS message Move PTZ camera to the preset point, Trigger digital output
IP Camera Brand(s) Supported	Sony, ACTi, Axis, Arecont Vision, Hurvion, Hikvision, Truen, Mobotix, Watchnet E-Series DVR, Watchnet IP Cameras
Compression Format	H.264; MPEG-4; M-JPEG
Zoom to point	Trigger PTZ preset to specified area of reference camera in same field of view (analog cameras only)
<b>CMS Client (E-Map / Alarm List)</b>	
Map Tree Hierarchy	Unlimited level display site map and linked between navigation tree and map window Lock / Map Settings / New / Edit / Delete
Define Maps	Supported image format: BMP, GIF, JPEG, PNG, and TIFF
Navigation tool on Maps	Used to zoom in, zoom out and Drag operation
Indicators on Maps	Indicators for maps, servers, cameras and I/O devices on maps with different images to show the status Indicator icons support image format with alpha channel (TIFF)
Intuitive Operation on Maps	Visual Alarm Indication Auto Live Video Popup Instant Playback Window Drag & Drop Video on Matrix Console Arm devices as required for alarm trigger
Action when Alarm	Go to the specific map layer when alarm happens Automatically show live video on popup window if function enable Automatically show live video on live matrix system if function enable
Alarm Viewing	View video of alarm and write log file when alarm happens
<b>Live Matrix System</b>	
Live Viewing	Up to 64 concurrent camera viewing, 32 groups supported
Grid Type	1/4/6/9/10/13/16/20/25/28/33/36/40/49/64 divided screen
View Type	Flexible auto reconnect and auto view change from substream to mainstream
Full Screen Viewing	Full screen video preview with auto hide toolbar
Auto pop-up	Accept the command from CMS client and IP Cameras to show the live video associated with alarms
Multifunction control panel	PTZ control, color control, device tree, video group display, relay control
<b>Remote Playback System</b>	
Local & Remote Playback	Up to 16 concurrent camera viewing
Basic Operation	Play / Pause / Stop / Zoom in & Zoom out / Step Forward & Backward / Speed Up & Down
Playback Grid Type	1, 4, 9, 16 (Individual time or synchronized playback)
Export Function	Save image as AVI video, video clip and snap shot
Smart Search	Fast search based on the specific motion event, search by device name and storyboard search
<b>Miscellaneous</b>	
User & Group	Configurable multi level user management: Viewer / User / Power User / Admin
Local Recording	Record normal, motion alarm from DVRs, NVRs, IP and MegaPixel cameras to local hard disk
Redundant Recording	Record video to remote location or NAS for back up storage
Two Way Audio	2 way audio between with servers or supported IP cameras
Remote Configuration	Change settings and configure all devices connected to CMS
Virtual Matrix Display	View selected cameras on 4 screens, (4x16) or multiple client stations

All product specifications on this brochure are subject to change without notice.

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