



Digital Security Systems

JDS Digital Security
A&E Specifications

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Introduction

Softsite32 Enterprise is an NVR based comprehensive Digital Video Surveillance Management System. Software based, it runs on all current versions MS Windows™ based computers. High-resolution video feeds are streamed digitally from IP based surveillance cameras and video servers. This allows the video sources to be located anywhere in the world, provided IP based connectivity can be established. The main application requires no special capture cards or hardware to function, and will run on most any current PC. Video is recorded digitally to generic computer disk drives with capacities from weeks to years' worth of instantly available, non-degrading video footage. Each frame is time stamped to sub-millisecond resolution and can be found with a few mouse clicks for hardcopy, review or export.

Product Overview

- Unlimited scalability Enterprise class video management software
- Full host of Product functionality
- No "Per Seat" charges for Enterprise package
- Archive management
- System watch dog feature
- System health status with alerting
- Auto launch on failure
- Multiple camera vendor support
- Patented technology
- Remote viewing client
- Customizable
- Full recording control
- Multi monitor support

Performance Specifications

Display Features

- Up to 64 cameras per camera Group and/or Grid. Grid selectable to 1x1 thru 8x8
- Unlimited Groups per PC, dictated by hardware performance level
- Selectable Resolutions including HDTV and multi-megapixel
- Selectable frame rate display
- Full Screen display
- Pop up video on Motion or event. Selectable to multi-monitor installation
- Quick View button for instant video retrieval
- Record Now- one click recording for enabled video streams
- Audible alerts on Motion events
- Camera Touring
- On Screen PTZ control via mouse and wheel zoom in capabilities
- Support for the Sony "draw box" zoom feature
- PTZ panel control
- Multiple Monitor Support including specific X,Y launch capabilities
- USB PTZ joystick control for PTZ cameras
- Capable of displaying custom image size independent of recorded image
- Live View down sample feature for efficient display
- Capable of displaying one camera in multiple monitors
- Display alerts via recording legend and selectable border highlights
- One button ON/OFF video display toggle
- Odd aspect ratios supported in group view
- Alarm feature to trigger relays and / or run a user program / macro per camera.

Remote Viewing

- Webclient feature for use over LAN,WAN, VPN and Internet
- Java / Active x Webclient
- Multiple level Login security for specific camera rights and system access
- Mapping Interface with user selectable formats such as JPEG, GIF, etc

Recording Features

- Selectable recording on motion detection or Interval recording
- Video Recording directly to hard disk. NO database required
- Disk space recording limited only by system design
- Recorded in jpx streams in one hour increments
- Not affected by changes to daylight savings time, etc.
- Interval options; selectable frames per second or minutes, record every frame
- 7 day independent recording schedules with up to 96 schedules per day
- Recording base path selectable down to individual camera including valid path test utility to insure proper archive setup. Secondary path(s) available. Network shares, UNC's and IP addresses are valid paths

- Client recording path for use in remote access installations
- Pre and post alarm buffers for Motion recording
- Recording interval when motion is absent. Software will record a frame of video at a selected rate to provide video evidence of system performance in lieu of no motion recording events
- Region of Interest. Masking feature to omit sections of image from performing motion detection process
- Send email notification based off recording events
- Record via camera inputs or IP messaging events
- Watermarking including sequential watermark
- Granular control, each camera allowed varied settings

Playback Features

- One click from Live view to instant retrieval of video
- Motion Activity display feature allows user to gain access to recording without leaving the main video display menu
- Browse recording via date, Directory, or FTP server
- Selectable playback speeds up to 500x, direction, and image size
- Time (down to milliseconds), frame count, image size display on playback
- Click and drag scroll bar
- Full screen playback
- Thumbnail display 1x1 to 6x6 or custom
- Video can be retrieved from any accessible network location
- Area Scan; ability to search video for changes in a specified field of view
- Synchronized playback with included DVE utility

Export Features

- One click image export to jpeg file via Windows utilities
- One click video export to a given destination; network drive, CD, DVD
- One Click Print
- Covert to AVI or JPEG files

Digital Video Editing Features

- Display up to 16 streams of video
- Edit video stream down to the millisecond. Lock segment
- Stitch locked segments together creating on stream of video. Additional video can be added at anytime
- Synchronized video playback with interlaced timestamp display indicated each camera's order in the sequence

Hardware Specifications and Setup

- Motion Detection Settings
- RGB color component sensitivity
- Noise filter (RGB)
- Motion filter (RGB)
- Test display window for variable settings
- Camera setup Settings
- Control for basic settings in software
- Direct access to camera web interface for complete setting control

Password and Security Settings

- 5 levels of user profile settings
- Remote view access tied to profiles / permissions / groups / facilities

Integration and System Options

- POS Integration
 - Access Control Integration
 - Video Analytics
 - TCP/IP messaging capabilities
 - SCADA
 - Customization
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