

VVS-6000 (DSS Site) (VVS-6100 Windows Version)

Digital Surveillance System Multiple Site Management Software

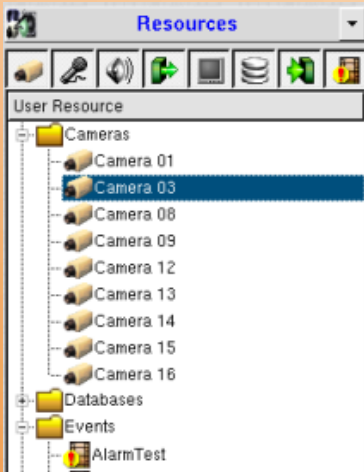


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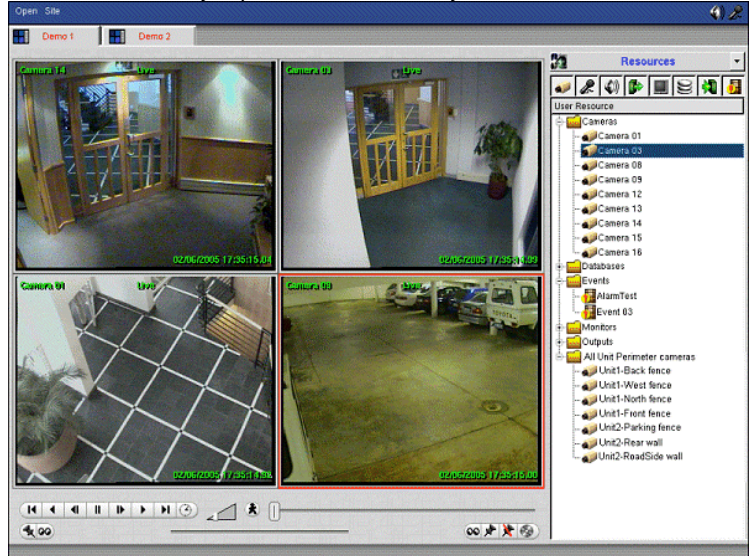
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features

- ✓ Seamless networked resources available across entire enterprise
- ✓ Multiple tabbed desktops
- ✓ Resource control panels with status-indication and drag-and-drop functionality
- ✓ Windows version
- ✓ Optional dual, triple or quad-monitor interface



VVS-6000: DSS Site presents a seamless enterprise of multiple sites whose many resources are flexibly represented and easily accessible in the interface.



Resource desktop (other desktops include Map, Setup, VGA Server, Alarm Manager)



Navigate desktops by means of the tab bar, or display the desktops across multiple monitors

Standard features:

- ✓ Separate Resource and (optional) Map Desktops, displayed over multiple monitors
- ✓ Multiple desktops quickly accessible from a tabbed interface
- ✓ Set up "virtual" sites with resources seamlessly available from many DSS units
- ✓ Resource control panels provide interactive resources with status-indication and drag-and-drop functionality
- ✓ Camera control panel provides intuitive, VCR-like controls
- ✓ Automated diagnostics and maintenance, hard drive health monitoring / auto correction, system reports
- ✓ 3rd party system integration capability, DSS API ActiveX Application Programming Interface
- ✓ Windows version of DSS Site

Optional features:

- ✓ Optional software modules, integrated into the interface as separate tabbed desktops: DSS Map, DSS VGA, DSS Alarm
- ✓ DSS Tracker motion tracking software
- ✓ DSS Filer remote file retrieval / archive utility
- ✓ DSS Counter object counting software

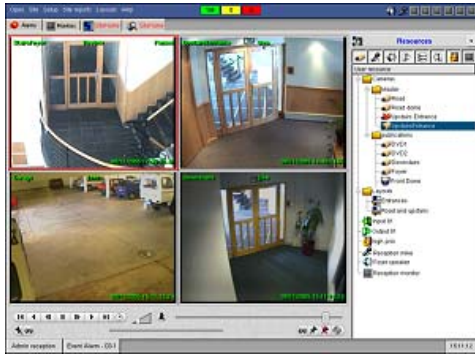
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DSS Site's modular, scalable design enables it to be extended with optional software modules, where each module simply becomes another tab / desktop in the interface:



Resources desktop

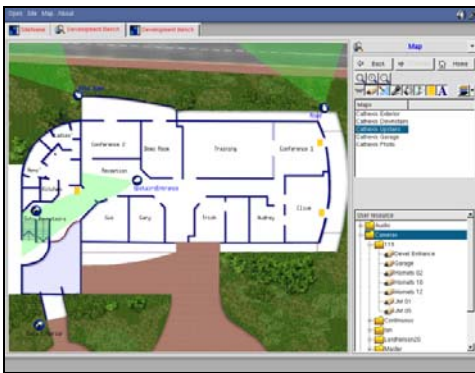
Resources Desktop (default)

The resources desktop enables operators to review and control the resources at a site. These resources include but are not limited to, cameras, PTZs, IO devices, remotely recorded data, alarm procedures, alarm comments, and alarm contact information.

Operators can quickly access appropriate drop-down control panels such as alarm procedures, alarm contacts, alarm comments, site resources, software joystick, event lists, and manual (clipboard) recordings.

Resources are drag-and-drop. For example, it is possible to drag a camera from the viewing area or from the resources panel onto an analogue video monitor, and then see the camera display on a monitor in the control room.

A "VCR" style camera control panel across the bottom of the screen enables live and review camera functions.



Map desktop

Map Desktop (DSS Map module)

The map desktop enables an operator to view and control site resources directly from the map. Maps can be navigated either from a browse dialogue in the maps panel, by means of map-to-map hyperlinks, by means of a macro action, or by default loading in response to a trigger/alarm.

Objects on a map are interactive. Operators can also open and close doors, activate sirens, and track intruders.

From the map, operators can send live camera views to the various display areas on the resources desktop.

Customizable tooltips and comments provide for quick information on map resources.

Operators can hide objects and/or layers and increase/decrease their transparency to simplify the map display.



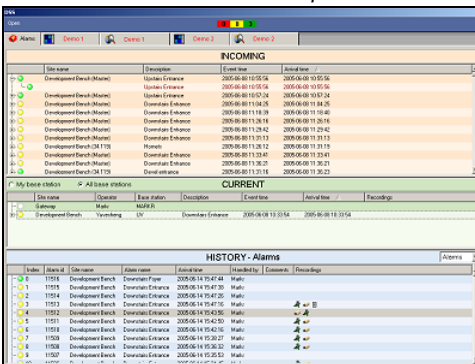
Monitors desktop

Monitors Desktop (DSS VGA module)

This is hardware (VGA Server) and software (DSS VGA) that enables operators to control DSS camera displays on multiple VGA monitors. Typical applications include control rooms with "video walls".

The DSS VGA software integrates with DSS Site site management software, and appears as a "Monitors" desktop within the DSS Site interface. Not only is it an alternative to a decoder, but DSS VGA provides an additional matrix-like display that integrates seamlessly into the DSS interface.

It enables quick manipulation of camera displays on VGA monitors, drag-and-drop functions, fast 1-click switching between Monitors Desktop and other desktops, and it provides the interface to set up camera sequences, screen layouts, and layout sequences (salvos).



Alarm desktop

Alarm Desktop (DSS Alarm module)

The Alarm desktop provides status information on incoming alarms, alarms currently being handled by operators in the control room, and a database of previous alarms with their associated meta data (video recordings, audio recordings, activity detection triggers, and operator comments).

Alarms are color coded and prioritized. Operators exclusively "accept" alarms for handling, thereby connecting to the alarming site. On connection, the operator immediately sees the client-customized screen configuration, alarm information and map pertaining to that particular alarm. This data is loaded from the control centre cache, unless the client has recently updated it, in which case the changes are fetched from the client remote site.

When out of the alarm desktop, the operator can still see an alarm status bar (top centre of the interface) indicating the number of incoming alarms by color-coded priority.

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Specifications	
Model	Operating System
VVS-6000/6100 DSS Site	NetBSD 1.6.1 or Windows XP
General	
Virtual resources	The system seamlessly displays an entire network of resources without necessarily identifying which resource is from which DSS unit.
Multiple monitors	Optional multiple-monitor interface to simultaneously display resource and map desktops, and other software.
Tabbed interface	A tabbed bar provides fast switching between currently open resources and map desktops.
Integrated desktops	Resources can be controlled or viewed from either map or resources desktops, and dynamically update their status in both desktops.
Resources Desktop	
Fast resize	Camera views can be resized with simple mouse clicks, to display from 1 to 16 live cameras.
Resources panel	A customizable panel provides access to hierarchical site resources. Resources can be hidden-and-shown to simplify the panel. Cameras can be dragged to the live camera displays.
Dome panel	A dome camera panel provides an intuitive and sensitive dome joystick, with functions for going to dome presets.
Camera controls	VCR-like camera buttons provide for intuitive control of live and recorded camera data within each camera display, or synchronously across grouped camera displays.
Virtual Site setup	"Virtual" sites can be created simply by dragging-and-dropping resources.
(optional) DSS Map Desktop	
map structure	Navigate maps by alarm default loading, map hyperlink, browse dialogue, or map panel.
Map resources are interactive	Operators control some resources directly on the map. For example, open and close doors, or activate a klaxon alarm.
Map editor	The comprehensive map editor includes vector drawing controls, detailed customizable properties per object, and import of raster images such as .bmp, jpeg and .gif.
Send cameras to resources desktop	From the map, operators can "send" cameras to the viewing areas of the resources desktop.
Control layers and displays	Operators can hide-and-show map layers and map resources to simplify the display.
Multiple interactive map resources	Camera, dome/ PTZ, microphone, speaker, relay, opto isolated input, serial data stream source (DSS generating the serial data stream for the device at this location)
(optional) DSS VGA / Monitors Desktop	
Matrix-like functions	Additional matrix-like display and control
Speed of display	Quick manipulation of camera displays on VGA monitors, drag-and-drop functions.
Integration	Seamless integration with DSS Site software
Set up resources	Set up camera sequences, screen layouts, and layout sequences (salvos) from the interface
(optional) DSS Alarm Desktop	
Prioritized queue	Alarms are prioritized and color-coded, and the list may be sorted by priority.
Intelligent alarm assignment	The system keeps all operators informed as to an alarm's status, and who is handling which alarm.
Multiple open connections	Operators can handle multiple remote alarms simultaneously - a separate interface tab represents each connection.
Quick commenting	Operators select from a default alarm menu, or type custom comments.
Escalate to case	Operators flag significant alarms for handling by the next level of inspector
Audio notification	Audio notifications can be assigned to the three statuses of incoming alarms.
Alarms differentiated by status	Alarms display sequentially in three separate panes: incoming (awaiting handling), current (being handled) and archived (handled).
Alarms archived with meta data	Alarms are archived with their associated information (snapshots, video, activity detection image, operator comments), which can easily be filtered, replayed and reviewed.
Reports	Detailed template and custom reporting enables alarm service monitoring and improvement
Archived-data filter	The HISTORY table can be filtered for historical alarm, session, user login or case data.

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Ordering Information

Product Code	Description
VVS-6000	DSS Site, DSS Site Manager software. Note: All software is loaded via an Installation Server.
VVS-6100	DSS Site, DSS Site Manager software for Windows. Note: requires Directx version 9 or later.
Optional:	
GMS-1000	DSS Map, DSS interactive site map software
VGA-1000	DSS VGA, VGA server and monitors desktop
AMS-8100	DSS Alarm, alarm management software
TRK-1000	DSS Tracker motion tracking software
SQL-1000	DSS Filer remote file retrieval utility
CNT-1000	DSS Counter object counting software