

strand

Strand User Manual

This User Manual is a detailed manual to assist users with the total functionality of the Strand NVR Software.

Introduction

Strand User Manual

The Strand Manual guides users through Strand's IP video surveillance software.

Please visit the Strand website at www.strandusa.com for more information.

Strand

User Manual

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Strand User Manual

This manual provides a detailed guide for all User functionalities.

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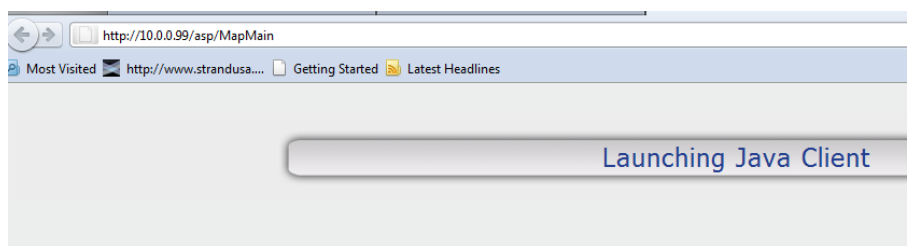
Java & URL Procedures



Java Download/Update Instructions:

The latest version of Java is necessary in order to fully utilize the Strand software. To download Java:

- ⇒ Open the web browser
- ⇒ Type in the address line: <http://www.java.com>
- ⇒ Click Free Java Download
- ⇒ Follow instructions



URL Procedures:

- ⇒ Type in the organization's dedicated IP Address in the web browser URL box
- ⇒ User are routed to the Strand Login page

Login



Secure Login:

Users login via the Internet through a Secure Sockets Layer (SSL) session

- ⇒ Type in the User ID
- ⇒ Type in the Password
- ⇒ Click Login

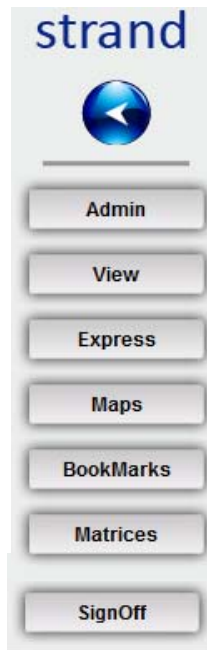


Splash Page:

After the initial login:

- ⇒ The Strand Splash page will be shown in the viewing area.
- ⇒ The toolbar will be displayed to the right of the viewing area.

Toolbar

**Toolbar:**

The toolbar offers the following options:

- ⇒ Back arrow—go to the previous screen/location
- ⇒ Admin— various user/administrative tools
- ⇒ View—choose to view live or archived images
- ⇒ Express—search for cameras and maps
- ⇒ Maps—provides map representation of each site
- ⇒ BookMarks—bookmark cameras/maps
- ⇒ Matrices—create user specific matrices
- ⇒ SignOff —sign off the system

Change Skin & Change Password



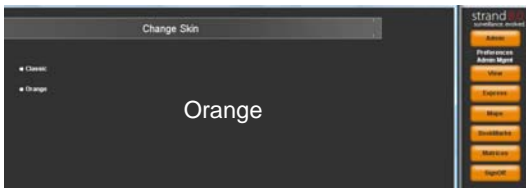
User Preferences—Change Skin:

Choose between “Orange” and “Classic” skins:

⇒ Click Admin/Preferences/Change Skin

⇒ Click Classic to choose the gray and blue color scheme (default skin)

⇒ Click Orange to choose the black and orange color scheme



 A screenshot of a 'Change Password' form. It has a light gray background. There are four input fields: 'User Id:' with the text 'admin' entered; 'Password:' with ten black dots; 'New Password:' with ten black dots; and 'Verify New Password:' with ten black dots. Below these fields is a large, rounded rectangular button with the text 'Set Password' in red.

User Preferences—Change Password:

Change a user password:

⇒ Click Admin/Preferences/Change Password

⇒ User ID name will appear in the space in the top box

⇒ Type in the current password in space provided

⇒ Type in New Password in space provided

⇒ Retype New Password in the Verify New Password space provided

⇒ Click Set Password

Viewing Images



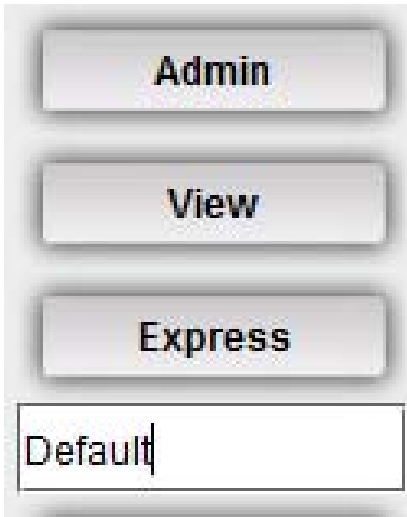
View—Live Images

The Strand Command Module defaults to Live mode upon login.

To manually select Live View:

- ⇒ Click View on the toolbar
- ⇒ Click on the box next to Live

Express



Express:

Locate cameras or maps by utilizing the Express search tool.

User is able to access cameras/maps as assigned by system administrator.

⇒ Click on the Express button in tool bar

Id	Short Description
/Default Map	Default Map
/Default Map/Camera 1	Camera 1
/Default Map/Camera 2	Camera 2
/Default Map/Camera 3	Camera 3
/Default Map/Camera 4	Camera 4

Express:

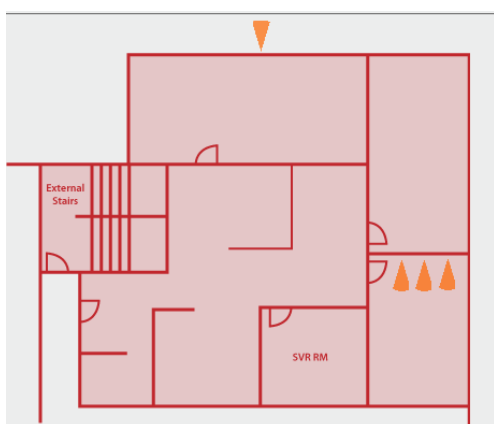
To view a list all cameras/maps:

- ⇒ Place the cursor in the search field and click Enter.
- ⇒ Click on camera/map to be viewed

To view a list specific cameras/maps:

- ⇒ Type in the name or a portion of the name of the camera/map click Enter.
- ⇒ Click on camera/map to be viewed
- ⇒ Image will be displayed

Maps

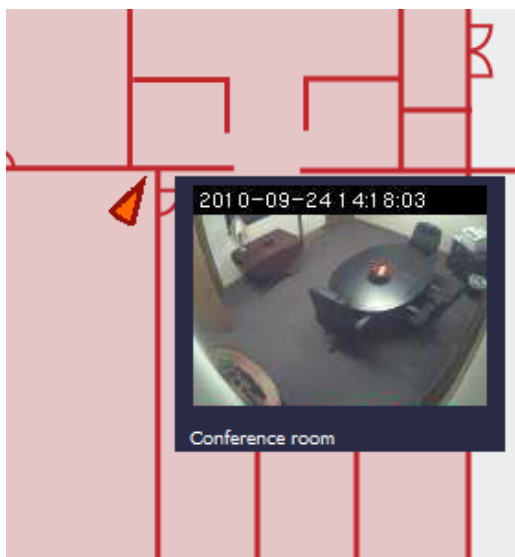


Maps:

Locate and view map(s):

User is able to access maps as assigned by system administrator.

- ⇒ Click Maps on the toolbar
- ⇒ A list of the maps will be displayed
- ⇒ Click the name of map to be viewed



Maps—Fixed and PTZ Icons:

- ⇒ Orange icons on the map indicate camera locations.
 - ⇒ Triangular icon represents fixed cameras
 - ⇒ Circular icon represents PTZ cameras
- ⇒ Holding the cursor over the icon provides a live Snapshot View of the camera image
- ⇒ Click on the image to retrieve a full size image

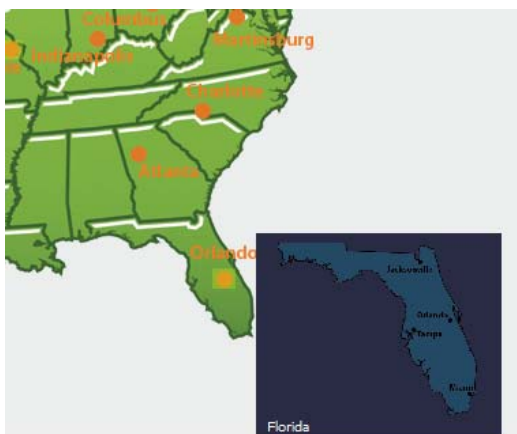
Maps: Satellite Navigator



Satellite Navigator:

NOTE: The Satellite Navigator feature is not engaged on all systems.

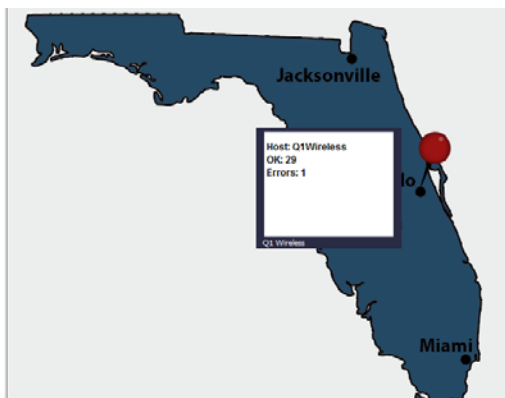
The System Administrator will verify if the system is set up as an Satellite Navigator system.



Satellite Navigator:

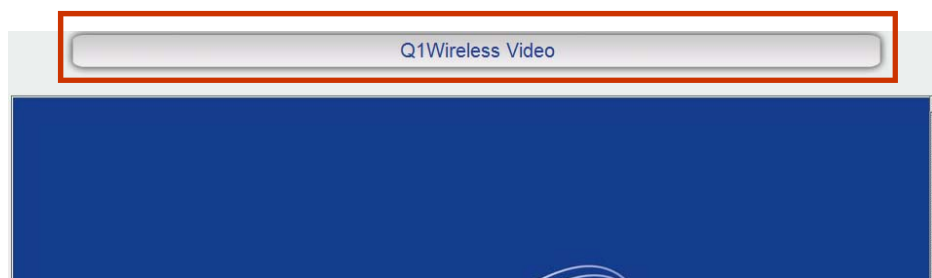
- ⇒ Log in to the Navigator NVR Site using Strand ID and password
- ⇒ Select Maps on the tool bar
- ⇒ Select the desired map
- ⇒ Move the cursor to the Satellite Site to be accessed
- ⇒ A highlighted box appears with the selected Satellite Site
- ⇒ Click on the highlighted box to select the remote location

Maps: Satellite Navigator



Satellite Navigator:

- ⇒ Icons in the form of a pin will appear on the map designating the Satellite NVR Site locations
- ⇒ Click on the site and the pin icon will turn red
- ⇒ Satellite diagnostic status information will appear
- ⇒ Proceed to the Satellite NVR Site by clicking on the pin icon



Satellite Navigator:

- ⇒ The remote, Satellite NVR Site is now accessed
- ⇒ Location of the site is noted in action bar

Maps: Satellite Navigator



Satellite Navigator:

- ⇒ Browse the Satellite NVR Site using the tool bar and other navigation features
- ⇒ Click Return at the bottom of the tool bar to return to the Navigator site

System Monitor Summary					
Server	Cameras	Errors	Alerts	UpDays	Build
demo100	0	0		2.10	1807.0
Q1Wireless	30	1		1.60	1807.0
Columbia_Office	5	3	• NTP not externally synchronized	0.89	1807.0
CyberStrand	1	0		21.07	1686.0
cam1	11	1	• Status file is stale. [196] day(s) old • NTP not externally synchronized	2.66	1686.0

Satellite Navigator:

To view comprehensive System Monitor Summary diagnostics through the Navigator NVR go to **Admin/Diagnostics**

- ⇒ Select the desired satellite site to view an individual Satellite NVR diagnostics

Maps: Satellite Navigator

Phase: Capturing

Build: 1807.0

Status as of: Fri, 24 Sep 2010 12:24:52 CDT

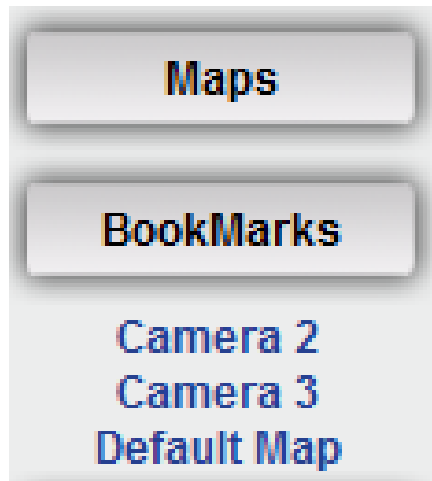
• NTP not externally synchronized

IP	Camera Name	State	Message	Rate (FPS)	Expect (FPS)	Usage (GB)	Quota (GB)	Quota Days	Kbps
192.168.1.109	/Columbia Office/Accounting	DEAD	Not Responding	0.00	1.00	0.00	50.0	14	0
192.168.1.107	/Columbia Office/Conference room	OK		1.00	1.00	75.00	50.0	14	406
192.168.1.101	/Columbia Office/Exterior east view	OK		4.00	4.00	74.99	50.0	14	707
192.168.1.36	/Columbia Office/Marketing office	DEAD	Not Responding	0.00	1.00	0.00	50.0	14	0
192.168.1.100	/Columbia Office/Storage	HTTP	Camera Gave [404]	0.00	2.00	0.00	50.0	14	0
Totals:	5 Cameras					149.99	250.0		1113

Satellite Navigator:

⇒ Diagnostics from the selected Satellite NVR Site will be displayed

BookMarks

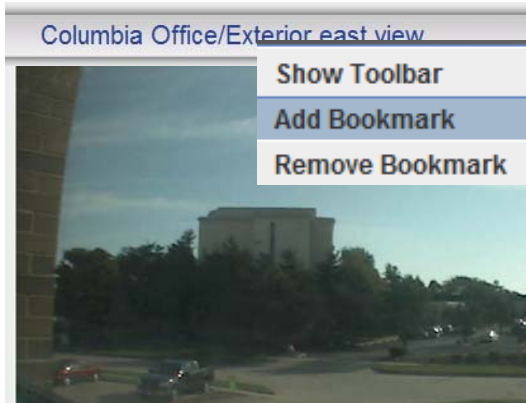


BookMarks:

BookMarks allows users to bookmark specific cameras or maps

- ⇒ Click BookMarks on the toolbar
- ⇒ Click on the camera/map from the list and the image will be shown in the viewing area

Add/Delete Bookmarks



Bookmarks:

Users are able to add or delete cameras/maps as bookmarks. These are saved as user specific bookmarks.

Adding/Deleting Bookmarks

Option 1:

- ⇒ Open a live view image of the camera/map to be bookmarked
- ⇒ Right click on the action bar at the top of the image
- ⇒ **Select Add Bookmark** to add the camera/map
- ⇒ **Select Remove Bookmark** to delete a camera/map

Id	Short Description	Bookmark
/Default Map	Default Map	<input checked="" type="checkbox"/>
/Default Map/Camera 1	Camera 1	<input type="checkbox"/>
/Default Map/Camera 2	Camera 2	<input checked="" type="checkbox"/>
/Default Map/Camera 3	Camera 3	<input checked="" type="checkbox"/>
/Default Map/Camera 4	Camera 4	<input type="checkbox"/>

Adding/Deleting Bookmarks

Option 2:

Bookmarks may also be added and deleted by clicking **Admin/Preferences/Maintain Bookmarks**

- ⇒ A list of cameras/maps are displayed in the viewing area
- ⇒ Select the box under the bookmark column to add or delete a camera/map

Matrix: Command Module



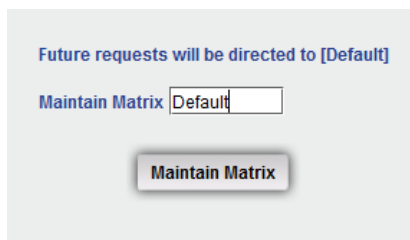
Matrices:

Users are able to create and save customized matrices.

To view a previously created Matrix:

- ⇒ Click on the Matrices button on the toolbar
- ⇒ Click on the name of the Matrix from the list
- ⇒ The Matrix will appear in the viewing area (see above)

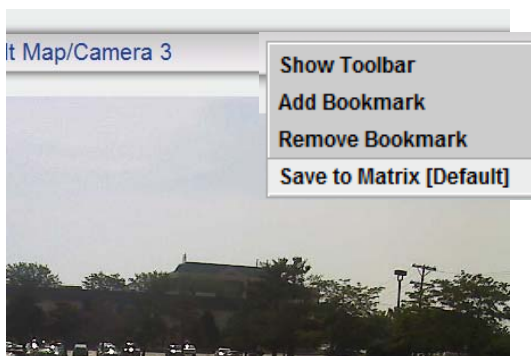
Matrix: Create/Add Cameras



Create a New Matrix

Create a new matrix specific to the user login:

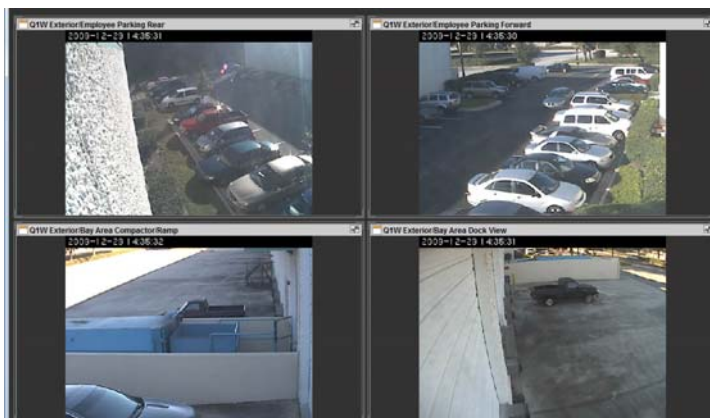
- ⇒ Click **Admin/Preferences/Maintain Matrix**
- ⇒ Type the name of the new matrix in the space provided and click **Maintain Matrix**
- ⇒ The message 'Future requests will be directed to (name of Matrix)' will be displayed
- ⇒ Users are able to then add cameras to the matrix



Add camera(s) to the matrix

- ⇒ Select the camera to be added to the Matrix
- ⇒ Open the camera image in the viewing area (user must be in Live view mode)
- ⇒ Right click in the action bar
- ⇒ Click 'Save to Matrix (Name of Matrix)'
- ⇒ The name of the new matrix will appear under the Matrices button on the toolbar after the first camera is added to the matrix
- ⇒ The number of camera images on each user specific matrix is only limited by monitor size

Matrix: Alter Existing Matrix



Change a Matrix:

⇒ Continue to add images to the Matrix until the desired matrix has been created



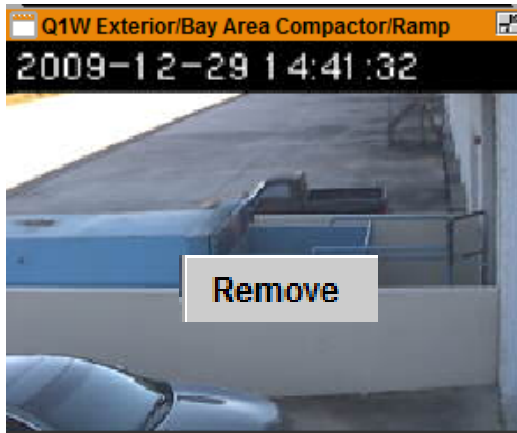
Adjust Matrix View

The tiles, or images, within the matrix can be repositioned or resized.

- ⇒ To move a tile within the matrix, simply hold down the cursor within the name bar of the tile and reposition on the matrix
- ⇒ To resize, place and hold down the cursor in one corner of the tile and move until reaching the desired size.

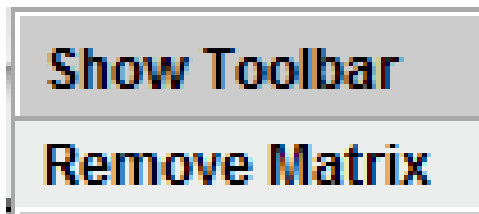
NOTE: Tiles will return to default setting when matrix window is closed.

Matrix: Delete Image/Delete Matrix



Delete an image from the Matrix:

- ⇒ Click Matrices on the tool bar
- ⇒ Click on desired Matrix
- ⇒ Right click on the tile to be deleted
- ⇒ Click Remove
- ⇒ Click the name of the Matrix to refresh
- ⇒ Image will be deleted



Delete an Existing Matrix

- ⇒ Click Matrices on the tool bar
- ⇒ Click on desired Matrix
- ⇒ Right click on action bar at the top of the screen
- ⇒ Click Remove Matrix
- ⇒ Matrix will be deleted and the name will be removed from the Matrices button on the toolbar

Matrix: Dispatch Command Module

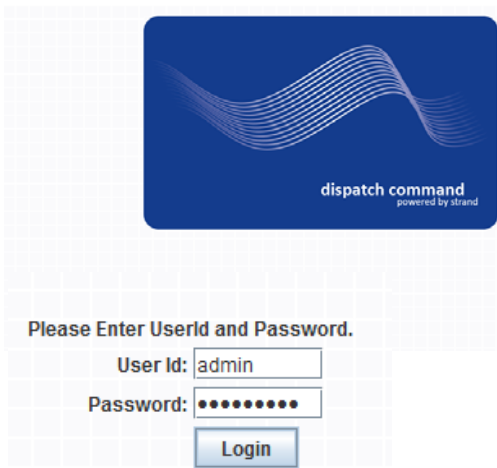
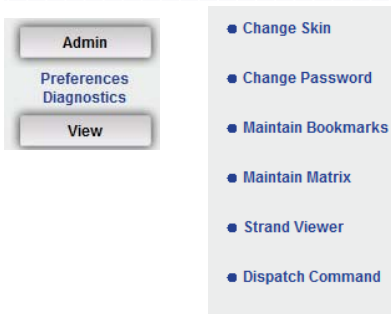


Dispatch Command Module

Dispatch Command is an administrative level 24/7 monitoring station Matrix.

To access the Dispatch Command Module:

⇒ Select **Admin/Preferences/Dispatch Command**



Dispatch Command—log on:

- ⇒ A login screen will appear in the viewing area
- ⇒ Log on to Dispatch Command with the same User ID and Password that is used in the main login area

NOTE: User is able to access Dispatch Command as assigned by system administrator.

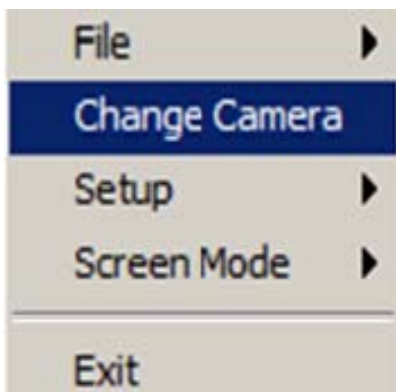
Dispatch Command Matrix: Add Cameras



Dispatch Command—Default Matrix:

⇒ Upon login a default matrix will be shown

NOTE: Command Module toolbar functionality is not available in Dispatch Command



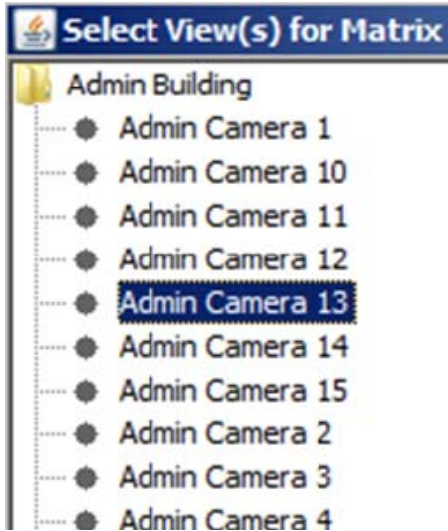
Dispatch Command—add camera to Matrix:

⇒ Right click on the tile camera image is to be added

⇒ Click Change Camera

⇒ OR left click on the tile

Dispatch Command Matrix: Add Cameras



Dispatch Command—add camera:

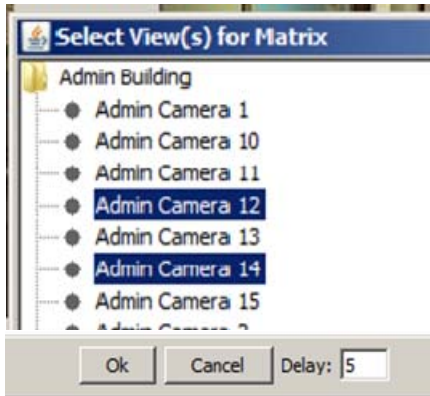
- ⇒ The list of floorplans/maps will be displayed as folders
- ⇒ Click the name of the floorplan/map folder to display the list of cameras within that building or site
- ⇒ Click on the camera name to highlight the camera
- ⇒ Double click or click OK to add it to the selected tile



Dispatch Command—add camera:

- ⇒ The camera image will appear in the chosen tile

Dispatch Command Matrix—Toggle/Resolution



Dispatch Command—toggle images

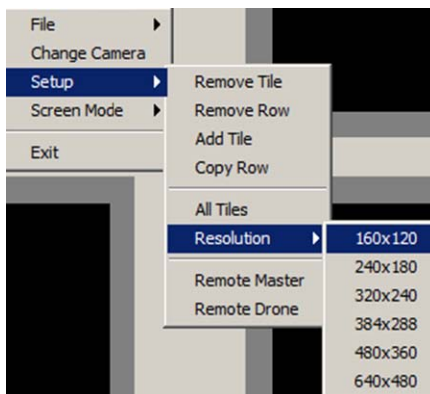
To toggle between several cameras in one tile for specific time segments:

- ⇒ Left click on desired tile
- ⇒ Select the first camera to be displayed in the tile
- ⇒ Press and hold CTRL to select cameras to be toggled
- ⇒ Enter the delay time in seconds in the Delay space provided to indicate the time rate the cameras should alternate
- ⇒ Click OK
- ⇒ The camera images in the tile will toggle

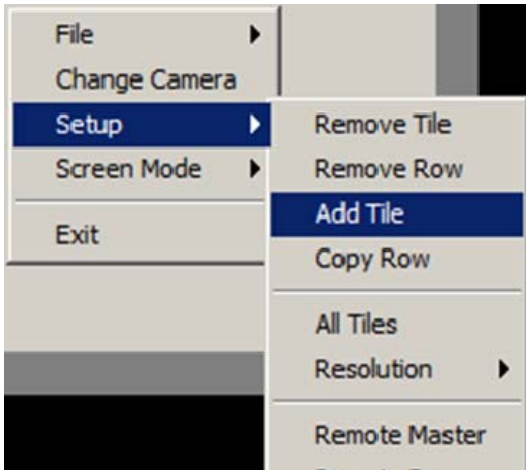


Dispatch Command—change image resolution/ tile size:

- ⇒ Right click on image
- ⇒ Hover over Setup
- ⇒ Hover over Resolution
- ⇒ Click the desired resolution for the tile



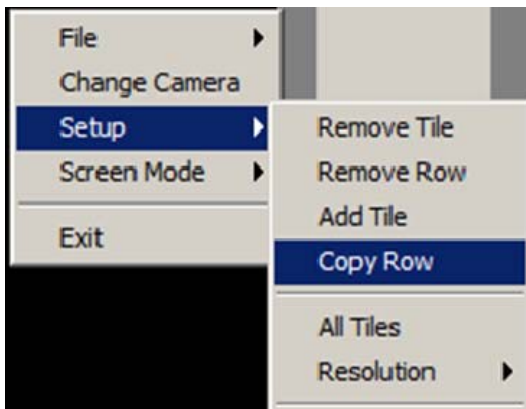
Dispatch Command Matrix—Add Tile/Copy Row



Dispatch Command—add tile

To add tiles to a row on the matrix:

- ⇒ Right click in the area you wish to add a tile
- ⇒ Hover over Setup
- ⇒ Click Add Tile
- ⇒ New tile will be added to row

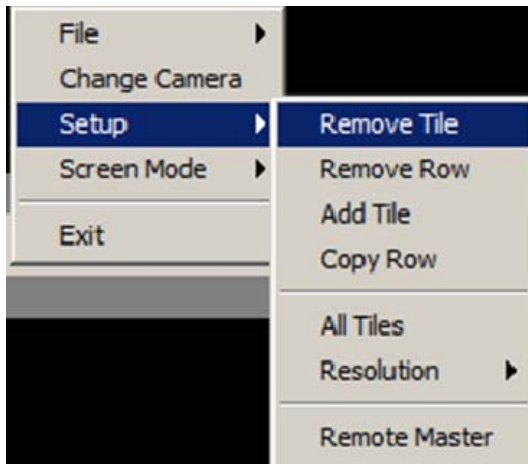


Dispatch Command—copy row:

To copy the setup of an entire row

- ⇒ Right click on a tile in the row to be copied
- ⇒ Hover over Setup
- ⇒ Click Copy Row
- ⇒ New row will be added to Matrix

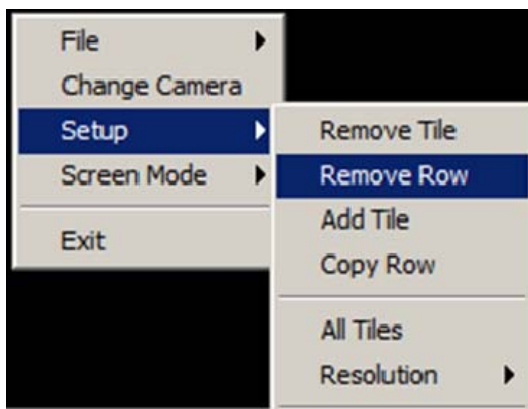
Dispatch Command Matrix—Remove Tile/Row



Dispatch Command—remove tile

To remove a tile

- ⇒ Right click on the tile to be removed
- ⇒ Hover over Setup
- ⇒ Click Remove Tile
- ⇒ Tile is removed from row



Dispatch Command—remove row

To remove an entire row of tiles:

- ⇒ Right click on one of the tiles in the row to be removed
- ⇒ Hover over Setup
- ⇒ Click Remove Row
- ⇒ Row is removed from Matrix

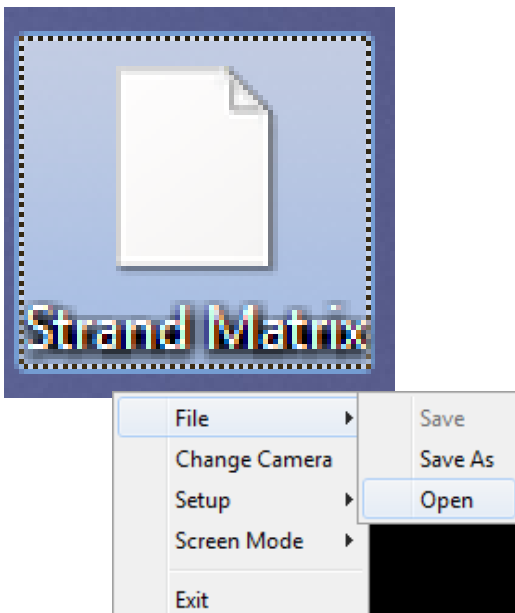
Dispatch Command Matrix—Save/Retrieve Matrix



Dispatch Command—save a matrix

To save the current Matrix configuration:

- ⇒ Right click on the Matrix
- ⇒ Hover over File
- ⇒ Click Save As
- ⇒ Choose the location to save the Matrix
- ⇒ Name the Matrix
- ⇒ Click Save



Dispatch Command—retrieve saved matrix

To retrieve the file from the saved location

- ⇒ Log into Dispatch Command.
- ⇒ A default matrix will open upon login
- ⇒ Right click on the screen
- ⇒ Hover over File
- ⇒ Click Open
- ⇒ Locate the saved Matrix
- ⇒ Click to open
- ⇒ Saved Matrix will be displayed

Dispatch Command Matrix—Remote Master

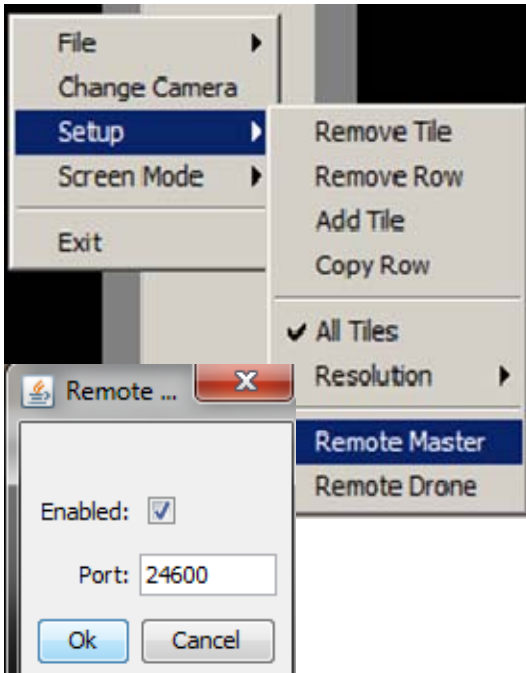
Dispatch Command—Remote Master and Remote Drone:

Remote Master: Master workstation that controls configuration of matrices to be saved and forwarded to remote workstations (Remote Drones).

Remote Drone: Remote workstations that receive matrices from master workstation.

NOTE: Remote Master and Remote Drone workstations must be connected to the same network.

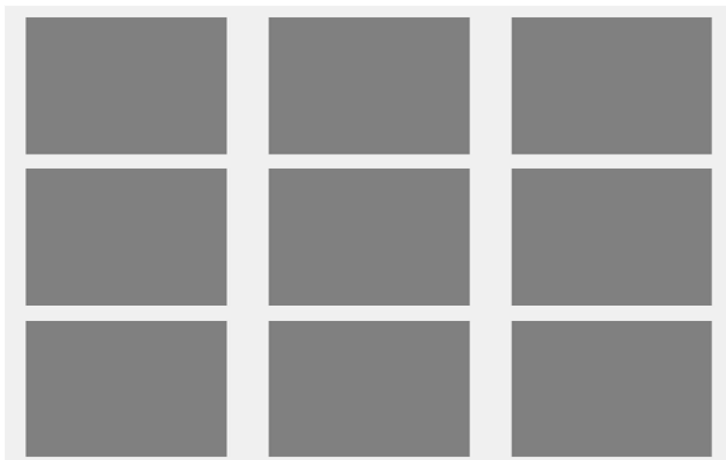
Dispatch Command Matrix—Remote Master



Dispatch Command—setting a remote master:

To set a workstation as a Remote Master, access the workstation that will be used as the Remote Master

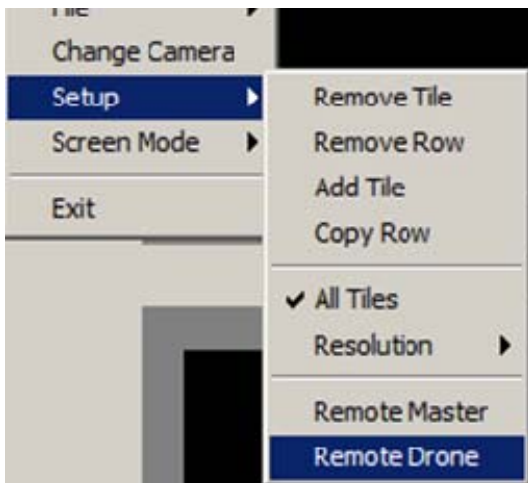
- ⇒ Right click on the matrix
- ⇒ Hover over Setup
- ⇒ Click Remote Master
- ⇒ Select Enabled (a check mark will appear in the box)
- ⇒ A Port number will be displayed in the space provided
- ⇒ Click OK



Dispatch Command:

- ⇒ The Master Matrix will appear in full screen mode and the tiles will be gray in color

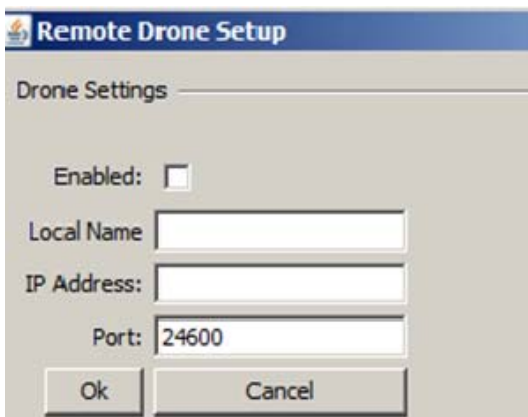
Matrix: Dispatch Command



Dispatch Command—setting a Remote Drone:

To set a workstation as a Remote Drone, access the workstation that will be used as the Remote Drone

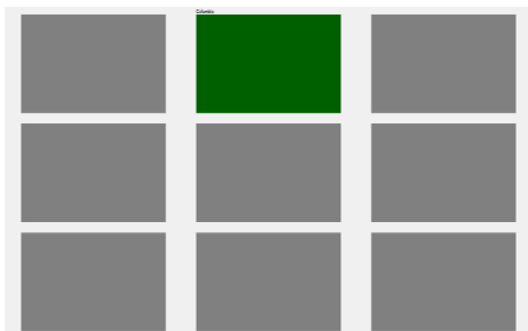
- ⇒ Log into Dispatch Command
- ⇒ Right click on the Matrix
- ⇒ Hover over Setup
- ⇒ Click Remote Drone



Dispatch Command:

- ⇒ A Port Number will appear in the space provided
- ⇒ Click Enabled
- ⇒ Enter the Name of the Matrix
- ⇒ Input the IP Address of the workstation that is set as the Remote Master
- ⇒ Click OK

Matrix: Dispatch Command



Dispatch Command—create Remote Master matrix:

To setup access to a Remote Drone from a Remote Master:

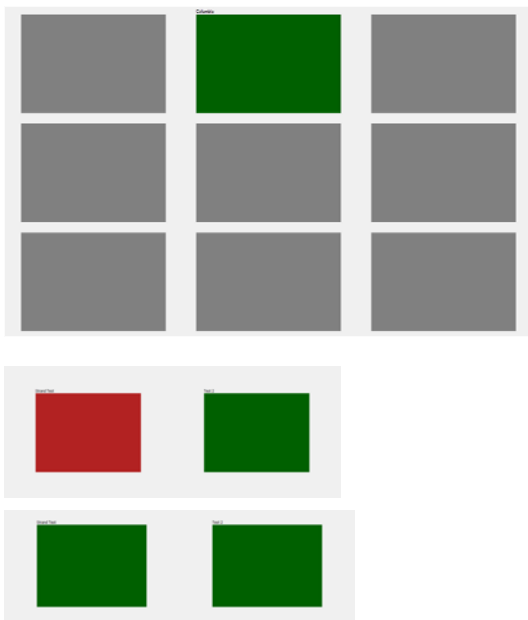
- ⇒ Right click within a blank tile
- ⇒ Select Change Camera
- ⇒ Select Remote Displays
- ⇒ Select the name for the remote drone
- ⇒ The selected tile will turn green

NOTE: The green tile indicates that the remote drone is active on the network



Dispatch Command—add cameras to Remote Drone:

- ⇒ Double click within the green tile and a blank matrix will appear on the remote drone workstation

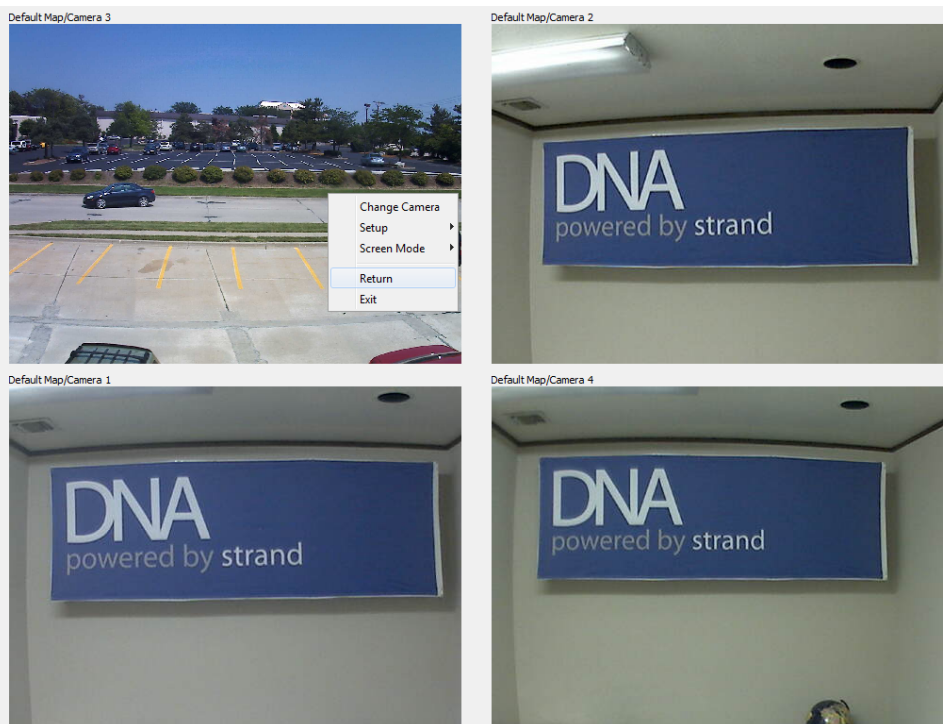


Dispatch Command—Access Remote Master from Remote Drone:

To setup access to a Remote Drone from a Remote Master:

- ⇒ Right click within a blank tile
- ⇒ Select Change Camera
- ⇒ Select Remote Displays
- ⇒ Select the name for the remote drone
- ⇒ The selected tile will turn green

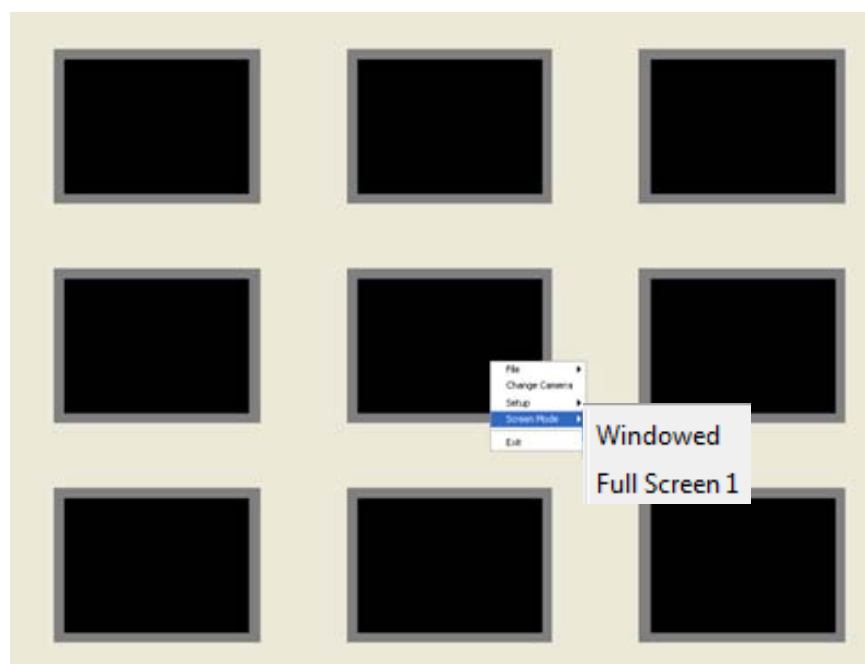
NOTE: The green tile indicates that the remote drone is active on the network



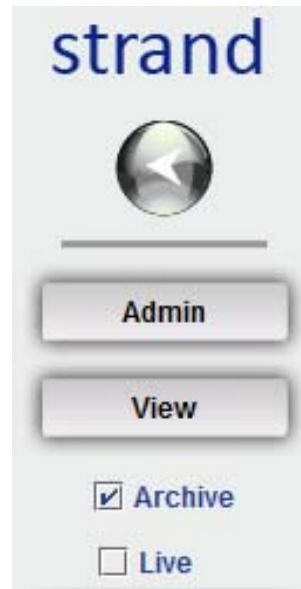
Matrix: Dispatch Command—Video Wall

To create multiple matrix displays from one monitoring station:

- ⇒ Verify the monitoring desktop PC has correct number of monitor attached in the PC's Display Settings
- ⇒ Launch the **Dispatch Command** Application
- ⇒ Right click on Dispatch Command
- ⇒ Select Screen Mode
- ⇒ Click on "Full Screen 1" to move the Matrix to Screen 1
- ⇒ To support a second, third or fourth monitor, launch the Dispatch Command Module again
- ⇒ Right click on the **Dispatch Command**
- ⇒ Select Screen Mode
- ⇒ Click on "Full Screen 2" to move the Matrix to Screen 2
- ⇒ Repeat to add Strand Matrix Displays to the additional monitors.



Archived Images



Archived Image Retrieval:

To retrieve and save archived images:

- ⇒ Click **View**
- ⇒ Select Archive (check will appear in box)

There are two methods to retrieve/save archived images:

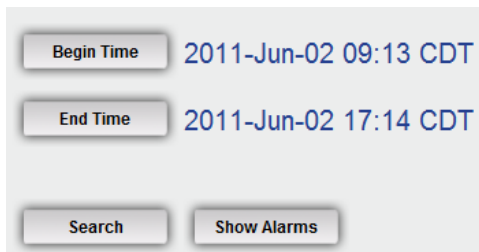
Option 1: Retrieve images from a single camera

- ⇒ Select camera

Option 2: Retrieve images from multiple cameras

- ⇒ Select desired matrix

NOTE: Multiple archived images can be viewed simultaneously, but must be saved individually



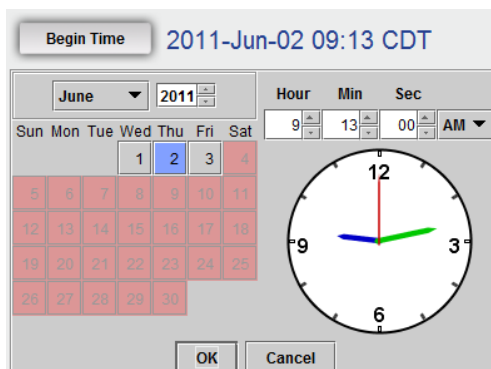
Archived Image Retrieval:

- ⇒ **End Time:** Click End Time and select the variables—month, day, hour, minute, second, AM/PM

- ⇒ **Begin Time:** Click Begin Time and select the variables—month, day, hour, minute, second, AM/PM

- ⇒ Click OK to begin the archival retrieval

NOTE: It is not mandatory to select an End Time—this may be left blank



View Archived Images



figure 1

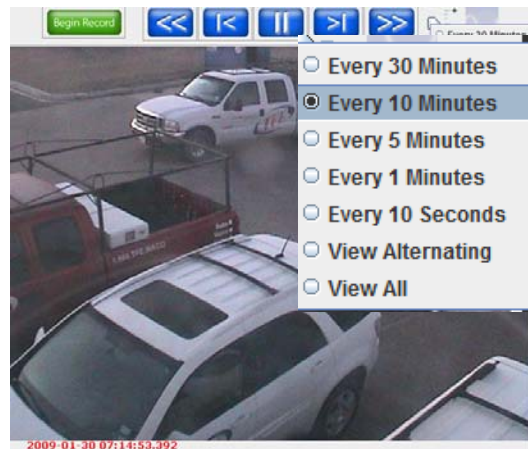


figure 2

Archive Control Buttons:

The archive image will be shown in the viewing area. Control bar will appear at the top of the image (figure 1):

1—Begin record—start saving a video clip to local drive

2—Continuous backward

3—Backward frame by frame

4—Stop/Pause

5—Forward frame by frame

6—Continuous forward

7—Rate/Event Wrap

⇒ Rate: move the arrow up to view images at a faster rate and down to view images at a slower rate.

View Archived Images



figure 1



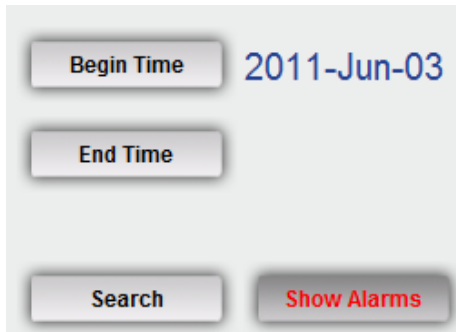
figure 2

Save Archived Images to local drive:

Once event to be saved on local drive is located:

- ⇒ Click the Begin Record button (figure 1)
- ⇒ Select a location to save the clip
- ⇒ Name the clip
- ⇒ Save file—saved clip recording begins
- ⇒ Click the End Record button to end the saved clip (figure 2)
- ⇒ Video clip is now saved to local drive

View Alarms

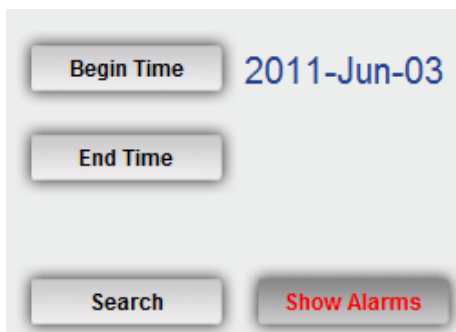


The screenshot shows a search interface with the following elements:

- A "Begin Time" button with the date "2011-Jun-03" displayed next to it.
- An "End Time" button.
- A "Search" button.
- A "Show Alarms" button.

To search archived alarms:

- ⇒ Select the camera
- ⇒ Click Show Alarms
- ⇒ Click desired date and time
- ⇒ Video segment will be shown



The screenshot shows a search interface with the following elements:

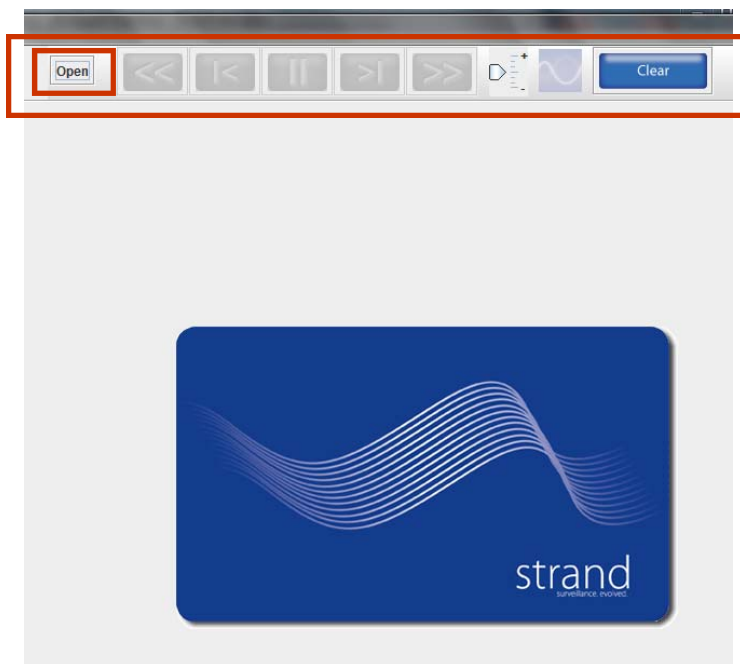
- A "Begin Time" button with the date "2011-Jun-03" displayed next to it.
- An "End Time" button.
- A "Search" button.
- A "Show Alarms" button.

Instant Search:

Search a camera for the most recent available archive

- ⇒ Select the camera
- ⇒ Do not change begin or end time
- ⇒ Click search
- ⇒ Video segment for the most recently available archive (approximately within the last 2 minutes)

Strand Viewer



Strand Viewer:

To view archived video clips that have been saved to local drive:

Click **Admin/Preferences/Strand Viewer**

⇒ Click Run to open Java

⇒ The Strand Viewer will appear in the viewing area as shown below

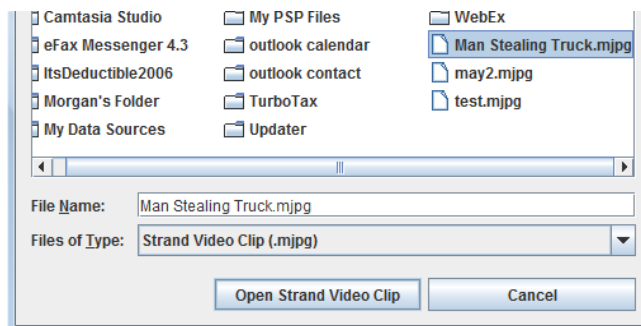
⇒ **Click Open** from the control bar at the top left of the viewer to receive a list of files

NOTE: Control bar on the Strand Viewer is identical to that in the Archive area with the exception of the Open button.

The Strand Viewer is available for download at:

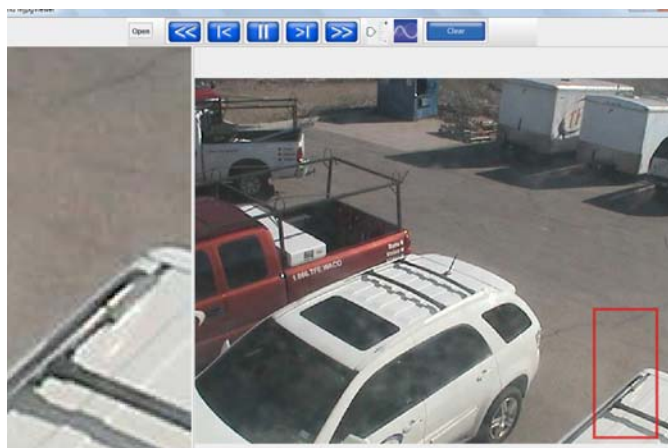
<http://www.strandusa.com/site12/support/resources/viewer.php>

Strand Viewer



Strand Viewer—Open Video Clip

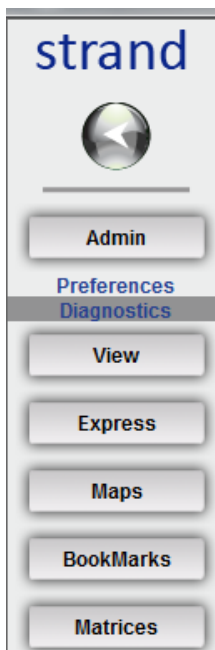
- ⇒ Browse to locate the locally saved archive video clip (saved as an mjpg file)
- ⇒ Click on the desired file name
- ⇒ Click Open Strand Video Clip



Admin/Preferences/Strand Viewer

- ⇒ Video clip will open in viewing area
- ⇒ Browse the saved clip by using the control bar

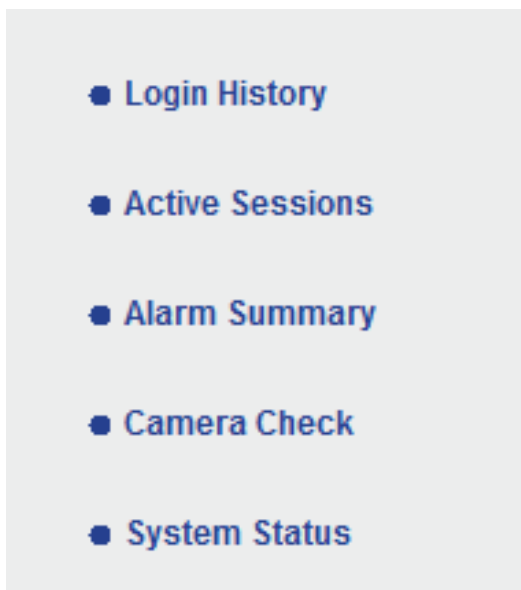
Analytic Diagnostics



Analytic Diagnostics

To retrieve System analytic diagnostic data:

⇒ click **Admin/Diagnostics**



Analytic Diagnostics

Analytic Diagnostic data is available for:

- ⇒ Login History
- ⇒ Active Sessions
- ⇒ Alarm Summary
- ⇒ Camera Check
- ⇒ System Status

Analytic Diagnostics—Login History

Date	Host	Activity
2009-11-17	T100dnaTest	20
2009-11-12	T100dnaTest	1
2009-11-11	T100dnaTest	1
2009-11-09	T100dnaTest	2
2009-11-08	T100dnaTest	2
2009-11-03	T100dnaTest	2
2009-11-02	T100dnaTest	11
2009-10-29	T100dnaTest	7
2009-10-28	T100dnaTest	6
2009-10-26	T100dnaTest	1
2009-10-23	T100dnaTest	1
2009-10-21	T100dnaTest	3
2009-10-20	T100dnaTest	1
2009-10-19	T100dnaTest	1

Login History:

Login History allows users to retrieve data on user login history

- ⇒ Click **Admin/Diagnostics/Login History**
- ⇒ A list of dates will appear that indicate the days the system has been accessed. The following details will be shown:
 - ⇒ Login Date
 - ⇒ Host IP address
 - ⇒ Activity (number of users per date)
- ⇒ To review login history for a specific date, click on that date.

Login Time	Host	Remote IP	User	Logout Type	Duration
2010-08-30 14:43:52	Columbia_Office	75.131.45.65	remote[demo@demo100]	signoff	00:06:03
2010-08-30 12:58:24	Columbia_Office	66.156.70.57	remote[demo@demo100]	timeout	00:21:37
2010-08-30 12:03:15	Columbia_Office	69.242.139.203	remote[demo@demo100]	signoff	00:22:49
2010-08-30 11:37:24	Columbia_Office	69.242.139.203	remote[demo@demo100]	signoff	00:06:52
2010-08-30 11:14:05	Columbia_Office	69.242.139.203	remote[demo@demo100]	timeout	00:21:56

Login History:

- ⇒ Login History provides data, per date, on the following:
 - ⇒ Login Time
 - ⇒ Host
 - ⇒ Remote IP from which the user logged onto the site
 - ⇒ User name
 - ⇒ Logout Type: Signoff, timeout
 - ⇒ Duration the user was on the site
- ⇒ Use the back arrow or click Diagnostics to return to the menu options

Analytic Diagnostics—Active Sessions

User	Remote IP	Priority	Level	Host
admin	192.168.1.46	98	98	Columbia_Office
admin	192.168.1.46	98	98	Columbia_Office

Active Sessions:

Active Sessions allows users to retrieve data on users currently logged into the system.

⇒ Click **Admin/Diagnostics**

⇒ Click Active Sessions

⇒ Data is displayed for each user currently logged into the systems including:

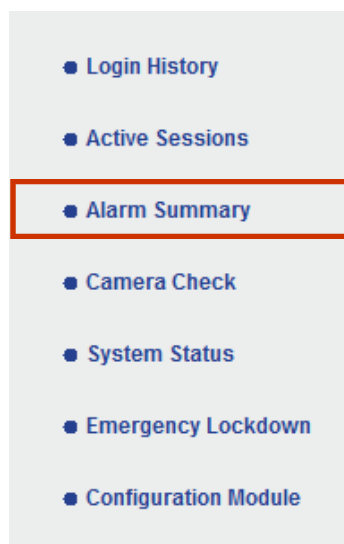
⇒ User ID

⇒ IP address the user is logged on from

⇒ User's Priority Level

⇒ User's Access Level

⇒ The Host server/NVR



Alarm Summary:

To retrieve images from cameras set with alarm functions:

⇒ Click **Admin/Diagnostics**

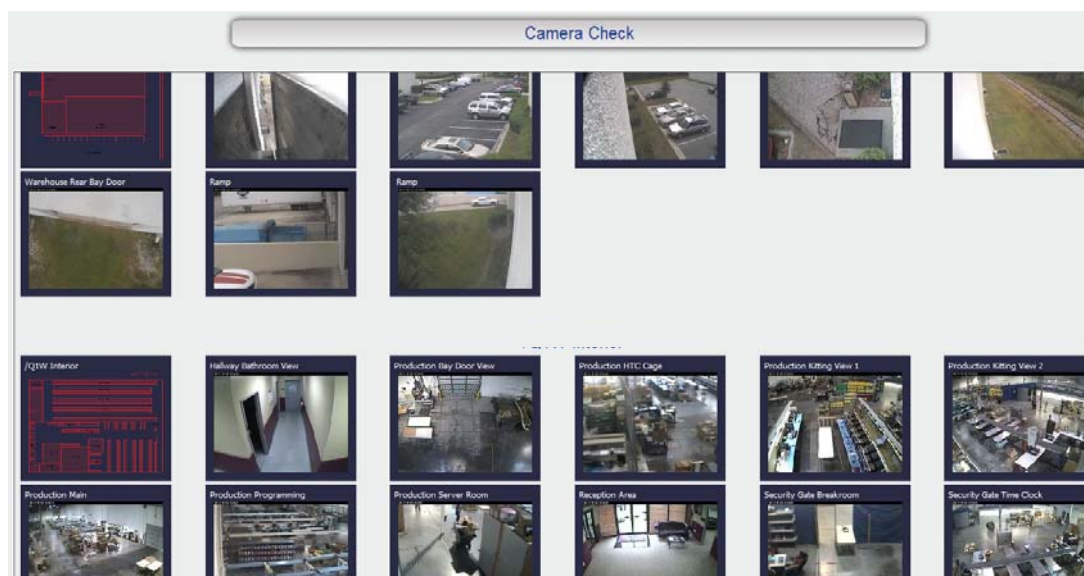
⇒ Click Alarm Summary

⇒ Click the specific camera from which to retrieve images

⇒ Click the time and date from the alarm log list

⇒ A preset time period of archived images of the alarm incident will appear

Analytic Diagnostics: Camera Check



Camera Check:

Camera Check provides a static snapshot view of all cameras in the system.

- ⇒ Click **Admin/Diagnostics**
- ⇒ Click Camera Check
- ⇒ Camera images grouped by site with a map of the site in the top, left-hand corner of each camera grouping
- ⇒ To view a live image click on the image tile

NOTE: Static snapshot images are refreshed every 60 seconds

If a tile is blank with a red box around it, the camera is not recording.

Analytic Diagnostics: System Status

Phase: Capturing
Build: 1999.0
Status as of: Fri, 03 Jun 2011 16:24:24 CDT

Show Storage

IP	Camera Name	State	Message	Rate (FPS)	Expect (FPS)	Kbps
10.0.0.102	/Default Map/Camera 1	OK		7.75	8.00	1200
10.0.0.103	/Default Map/Camera 2	OK		7.75	8.00	1437
10.0.0.104	/Default Map/Camera 3	OK		3.16	10.00	5937
10.0.0.105	/Default Map/Camera 4	OK		4.84	5.00	789
10.0.0.101	/Sample 1/Camera 1-1.3MP	INFO		0.00	10.00	0
192.168.0.1	/Sample 1/Camera 101	INFO		0.00	1.00	0
10.0.0.110	/Sample 1/Camera 4-PTZ	DEAD	Not Responding	0.00	8.00	0
Totals:	7 Cameras					9363

System Status:

System Status provides current analytical diagnostic information for the system and cameras including:

- ⇒ NVR Status (capturing/not capturing)
- ⇒ Software build
- ⇒ Status date
- ⇒ IP Address
- ⇒ Camera Name
- ⇒ Camera State
- ⇒ Error Message
- ⇒ Rate (FPS)
- ⇒ Expected (FPS)

Special Features: Virtual PTZ



PTZ Controls

Strand virtual PTZ controls allow users to Pan-Tilt-Zoom cameras remotely.

- ⇒ Select a PTZ camera
- ⇒ PTZ controls will appear to the right of the viewing area
- ⇒ Select PTZ Control by clicking on PTZ Control button
- ⇒ Change camera direction by clicking on a directional button in the PTZ controller
- ⇒ Change the PTZ zoom rate by clicking the plus or minus button next to Zoom
- ⇒ Change the PTZ pan/tilt rate by clicking the plus or minus button next to Rate

NOTE: The rate number is indicated in the center of the directional arrows

Special Features: Virtual PTZ



PTZ Control—presets:

Preset camera positions can be set with a PTZ camera

- ⇒ Move the camera to the desired view
- ⇒ Click the PTZ presets button
- ⇒ Click the Preset Mgmt button
- ⇒ Name the Preset in the space provided
- ⇒ Click apply
- ⇒ The location will be saved under the PTZ Presets button.
- ⇒ These presets are not user specific



PTZ Control—Direct Zoom:

Quickly pan, tilt or zoom to a location by using the mouse

- ⇒ Locate the focus area within the image
- ⇒ Using the mouse, draw a box around the area and right click
- ⇒ The camera will quickly zoom to the area
- ⇒ Use the scroll button on the mouse to zoom in or out from the area

NOTE: This is a camera specific function, not all cameras have this feature

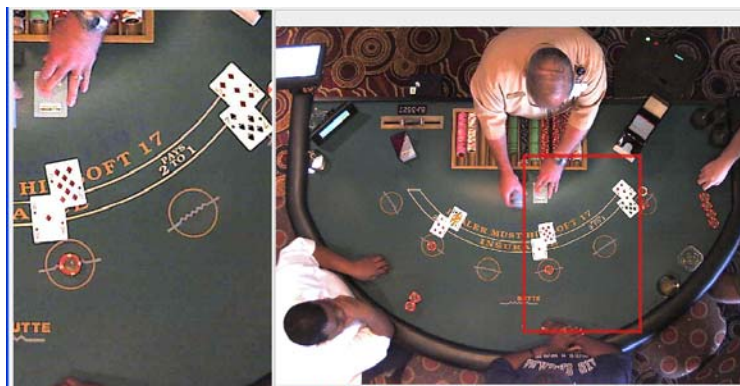
Special Features: Scene Enhancer



Scene Enhancer—Live and Archive

Scene Enhancer allows the user to zoom in to a specific area on a live or archived image while maintaining full scene viewing capabilities

- ⇒ Select the camera to be viewed
- ⇒ Select Live or Archive under View on the tool bar
- ⇒ Once the image is in the viewing area, right click on the image
- ⇒ Click Show Zoom Area



Scene Enhancer—Live and Archive

- ⇒ The area outlined in red will be displayed in the Scene Enhancer area to the left of the full image
- ⇒ Use the mouse to control location of the enhanced area of the image
- ⇒ Use the mouse scroll wheel to zoom in and out

Special Features: Scene Enhancer

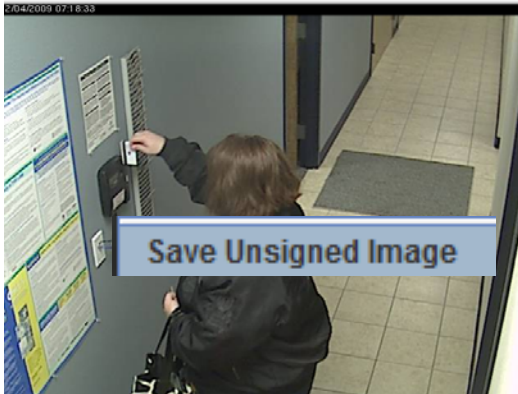


Scene Enhancer—Live and Archive

To hide the Scene Enhancer feature

- ⇒ Right click on the image
- ⇒ Click Hide Zoom Area

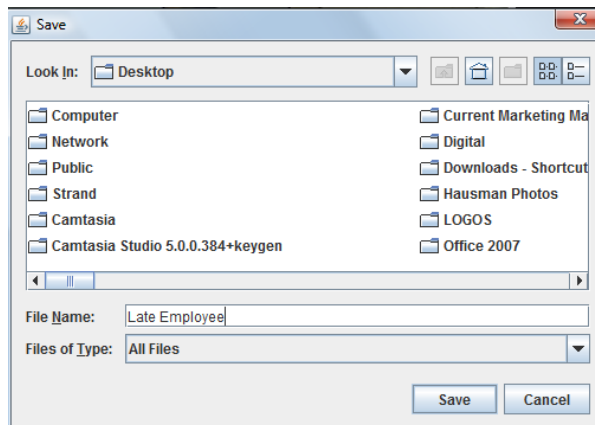
Special Features: Save Single Image



Save Single Image—Live/Archive

Save a single image to the local drive:

- ⇒ Select the camera
- ⇒ Choose the image to be saved
- ⇒ Right click on the image
- ⇒ Click Save Unsigned Image

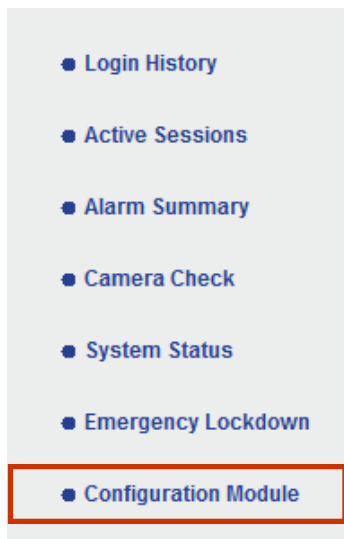


Save Single Image—Live/Archive

- ⇒ Save the image to the desired location

NOTE: This is not an encrypted image and can be enhanced or modified using software such as Adobe Photoshop

Configuration Module

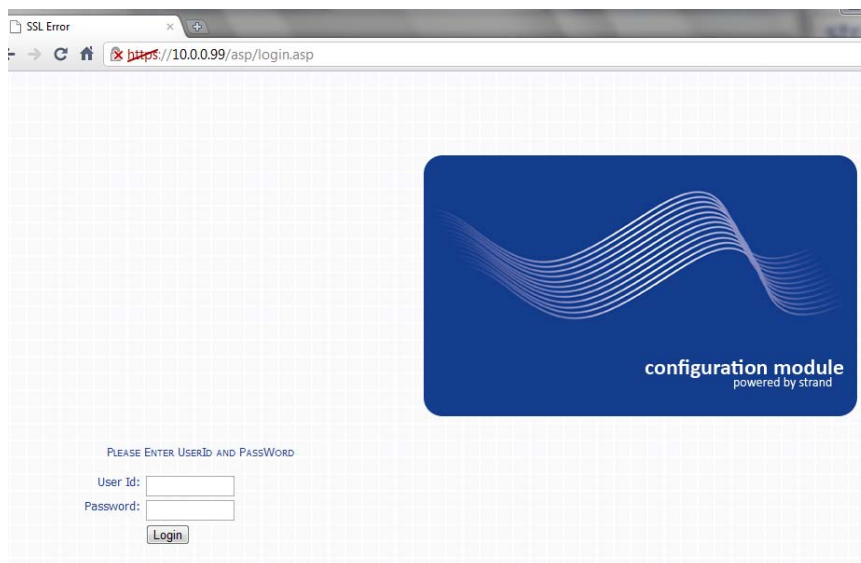


Configuration Module:

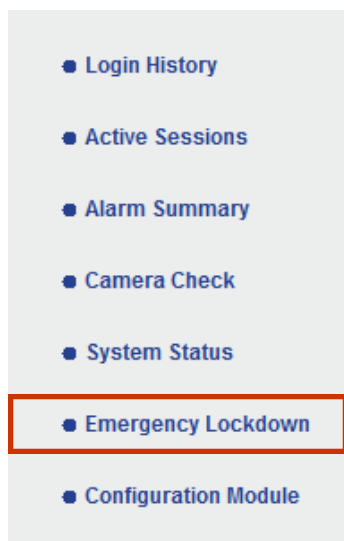
Configuration Module allows authorized system administrators access to installation and system setup functions.

- ⇒ Click **Admin/Diagnostics**
- ⇒ Click Configuration Module
- ⇒ Login with user ID and password

SEE CONFIGURATION MODULE MANUAL



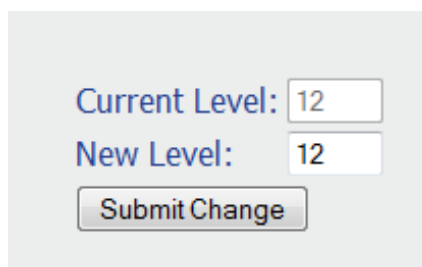
Emergency Lockdown



Emergency Lockdown:

Emergency Lockdown allows the primary system administrator to quickly “lock out” any or all users.

All users with priority levels less than the administrator specified priority level will be forced to leave the system and will not be allowed access.

A form with two input fields and a submit button. The first field is labeled 'Current Level:' and contains the value '12'. The second field is labeled 'New Level:' and also contains the value '12'. Below the fields is a button labeled 'Submit Change'.

Emergency Lockdown:

- ⇒ Click **Admin/Diagnostics**
- ⇒ Click Emergency Lockdown
- ⇒ Enter the New Level in the space provided
- ⇒ Click Submit Change
- ⇒ A new Priority Level has been established

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