

CHAPTER 10

VISUAL VERIFICATION



# POWER SERIES NEO TECHNICAL TRAINING MANUAL

## VISUAL VERIFICATION

Visual verification is used to provide images (and audio depending on region) from PG9934 camera/motion detectors to the central station when an alarm occurs.

Once the central station receives a visual verification event, still images are transmitted via an IP or cellular path from the panel to the central station receiver. By default 10 images are sent; once all images are received, the images are placed together and a video file is generated.

The central station operator can view the images/video, as well as email the files to the end user and/or installer.

### REQUIREMENTS:

- The central station requires an SG System 5 receiver
- The NEO panel requires at least one PG9934 camera/motion detector
- The NEO panel requires a TL280, 3G2080 or TL2803G communicator to transmit via IP, cellular or both.

### PROGRAMMING:

#### [851] ALTERNATE COMMUNICATOR PROGRAMMING

-> [010]: System Toggle Options 3

Enable toggle option 3: Visual Verification

#### [804][841]: MOTION CAMERAS

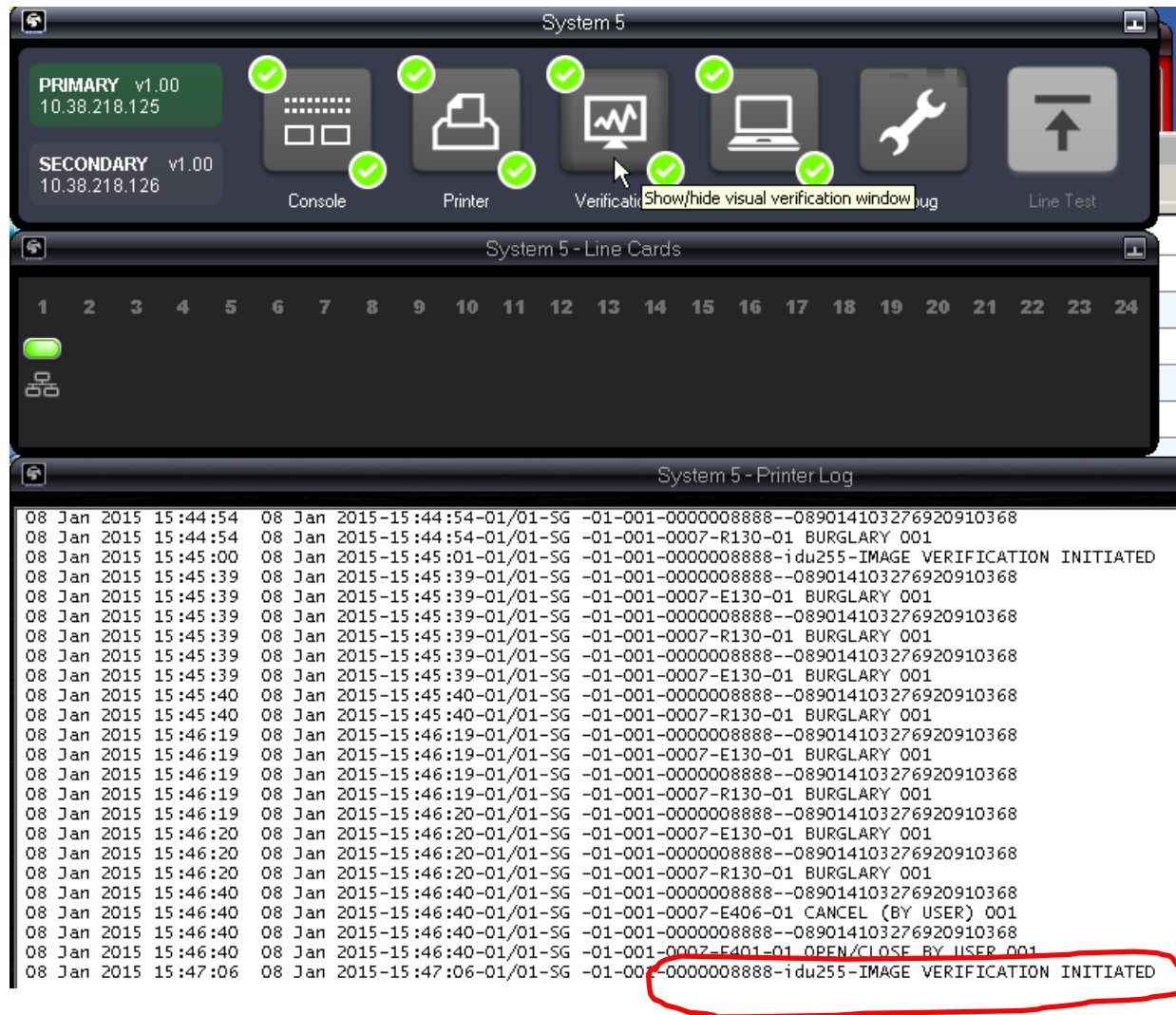
->[001] Visual verification enabled/disabled (toggle)

->[002] View time window: This allows control over how long the video is taken

->[003] View other alarms: This allows duress, keypad fire/panic/medical to be enabled/disabled

## VISUAL VERIFICATION WITH SURGARD SYSTEM 5 CONSOLE

The SG System 5 console will print the event “IMAGE VERIFICATION INITIATED” when a visual verification signal is sent from a NEO panel. The console software has a verification button that opens the visual verification menu.



Click on the “Verification” button to open the visual verification screen.

## VERIFICATION MENU

In the System 5 verification menu, the below screen appears. This list shows all of the visual verification events that have been stored on the receiver and are sorted by date, account number and DNIS.

The screenshot shows the 'System 5 - Visual Verification Events' window. The left sidebar contains a 'PRIMARY' section with 'v1.00' and '10.38.218.125', a 'SECONDARY' section with 'v1.00' and '10.38.218.126', and a 'Console' section with a green indicator. Below these are buttons for '1' through '8'. The main area displays a list of events sorted by date, account number, and DNIS. A selected event is shown in a preview window labeled 'Images of Selected event' and 'Image 5', which displays a photograph of an office interior. The main window also includes a 'Filter' button and a table of event data.

| Time/Date            | Name | Account    | DNIS  | Unique ID     | Event              |
|----------------------|------|------------|-------|---------------|--------------------|
| 2014-12-26 08:50:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 08:52:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 08:54:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 08:57:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 08:59:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:05:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:07:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:09:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:15:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:17:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:34:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:37:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-26 09:40:... |      | 0000008888 | 00000 | 0000008888... | 501001[H0007Nn1/8  |
| 2014-12-29 16:13:... |      | 0000008888 | 00000 | 0000008888... | 501001 180007E110C |
| 2014-12-29 16:14:... |      | 0000008888 | 00000 | 0000008888... | 501001 180007E110C |
| 2015-01-08 15:40:... |      | 0000008888 | 00000 | 0000008888... | 501001 180007E130C |
| 2015-01-08 15:43:... |      | 0000008888 | 00000 | 0000008888... | 501001 180007E130C |
| 2015-01-08 15:44:... |      | 0000008888 | 00000 | 0000008888... | 501001 180007E130C |
| 2015-01-08 15:46:... |      | 0000008888 | 00000 | 0000008888... | 501001 180007E130C |

## SELECTING A VISUAL VERIFICATION EVENT

Right clicking on any visual verification event brings up the following options:

- Visual Verification Display
- Account Details
- Open Containing Folder
- Send Email to Customer
- Send Email to Other
- Auto Scroll Option
- Columns

The screenshot displays the Visual Verification Display interface. On the left, a console window shows a list of events with columns for Time/Date, Name, Account, DNIS, Unique ID, and Event. The selected event is highlighted in blue. The main window shows a large image of the selected event, labeled 'Image 8'. Below the image, there are navigation buttons (Previous, Stop, Next) and a 'Filter' button. A context menu is open over the event list, showing options: Visual Verification Display, Account Details, Open containing folder, Send Email to Customer, Send Email to Other..., Auto Scroll, and Columns. The 'Visual Verification Display' option is selected.

| Time/Date            | Name | Account    | DNIS  | Unique ID      | Event              |
|----------------------|------|------------|-------|----------------|--------------------|
| 2014-12-26 08:50:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 08:52:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 08:54:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 08:57:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 08:59:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:05:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:07:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:09:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:15:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:17:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:34:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:37:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-26 09:40:... |      | 0000008888 | 00000 | 00000088880... | S01001{#0007In1/B  |
| 2014-12-29 16:13:... |      | 0000008888 | 00000 | 00000088880... | S01001 180007E110C |
| 2014-12-29 16:13:... |      | 0000008888 | 00000 | 00000088880... | S01001 180007E110C |
| 2015-01-08 15:...    |      | 0000008888 | 00000 | 00000088880... | S01001 180007E130C |
| 2015-01-08 15:...    |      | 0000008888 | 00000 | 00000088880... | S01001 180007E130C |
| 2015-01-08 15:...    |      | 0000008888 | 00000 | 00000088880... | S01001 180007E130C |
| 2015-01-08 15:...    |      | 0000008888 | 00000 | 00000088880... | S01001 180007E130C |

## VISUAL VERIFICATION DISPLAY

This menu allows you to view the video file (all images stitched together) as well as the reporting code for the alarm/event, the IP address of the transmitter, SIM card number (if applicable) and mac address of the alternate communicator.

The screenshot shows a software interface for 'System 5 - Visual Verification Display'. The main window contains a video player titled 'Visual Verification Playback' with a play button and a progress bar. Below the video player is a table with the following columns: Time/Date, Event, Camera #, Line Card #, SIM #, MAC, IP, and Tx Version. The table contains 15 rows of data. To the left of the main window, there is a sidebar with a list of events and a 'Filter' button. The background shows a Windows desktop with various icons and a taskbar.

| Time/Date           | Event                    | Camera # | Line Card # | SIM #               | MAC          | IP             | Tx Version  |
|---------------------|--------------------------|----------|-------------|---------------------|--------------|----------------|-------------|
| 2014-12-26 09:09:43 | S01001[#0007]Nn1/BA00... | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2014-12-26 09:15:57 | S01001[#0007]Nn1/BA00... | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2014-12-26 09:17:44 | S01001[#0007]Nn1/BA00... | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2014-12-26 09:34:56 | S01001[#0007]Nn1/BA00... | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2014-12-26 09:37:14 | S01001[#0007]Nn1/BA00... | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2014-12-26 09:40:05 | S01001[#0007]Nn1/BA00... | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2014-12-29 16:13:24 | S01001 180007E11001000   | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2014-12-29 16:14:44 | S01001 180007E11001000   | 29       | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2015-01-08 15:40:45 | S01001 180007E13001001   | 1        | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2015-01-08 15:43:09 | S01001 180007E13001001   | 1        | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2015-01-08 15:44:52 | S01001 180007E13001001   | 1        | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |
| 2015-01-08 15:46:57 | S01001 180007E13001001   | 1        | 01          | 0890141032769209... | 00034F0812DF | 192.168.108.56 | 4.00.04.059 |

[illegible]

## OPEN CONTAINING FOLDER

This option allows you to open the containing folder of the images and video clip. From here the images or video can be copied and sent or saved in another location.

Note: This folder is stored on the SD card of the System 5 receiver; it is not automatically backed up on the computer.

