



SurGard System V

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Contents

SYSTEM SETUP 1

 Verify Receiver Type 3

 Create Video Receiver..... 3

 Create Regular Signal Receiver..... 4

 Restart FEP Service..... 6

CUSTOMER SETUP 6

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SYSTEM SETUP

1. Run **Import_All.bat** as **Administrator** in the updated **BOject_Files** folder of the **Manitou** directory.
2. Restart the Broker and all connected services.
3. Select **Maintenance | Transmitter Type** in the Operator Workstation.
 - a. Click **Edit** and then **Add**.
 - b. Type a **Description** for System V.
 - c. Select the **Video Capable** check box. Everything else can remain at their default settings.
 - d. Select **Still Image** from the **Video Type** drop-down list box.
 - e. Click **Save**.

Figure 1

The screenshot shows the 'Transmitter Type' configuration window. On the left, a list of transmitter types is shown, with 'SYSTEM5 - System5' selected. The right pane displays the configuration for this transmitter type.

Transmitter Type

- Transmitter Type: SYSTEM5
- System Type: Event Monitoring
- Description: System5
- Protocol Type: [Dropdown]
- Reverse Cmd Protocol: None

Transmitter Input ID

Group	Base	Minimum	Maximum	Separator
Group 1 Value Range:	<input checked="" type="radio"/> Decimal <input type="radio"/> Hexadecimal	[Field]	[Field]	[Field]
Group 2 Value Range:	<input checked="" type="radio"/> Decimal <input type="radio"/> Hexadecimal	[Field]	[Field]	[Field]
Group 3 Value Range:	<input checked="" type="radio"/> Decimal <input type="radio"/> Hexadecimal	[Field]	[Field]	[Field]

TX Input ID: [Field] [Clear]

Attributes

- ☐ Audio Capable
- ☐ Create Call Session (No Listen-In)
- ☐ Drop Listen-In if no Alarm
- ☒ Video Capable
- ☐ Raw Event Programming
- ☐ Monitored Transmission Path

Audio Type: [Dropdown]

Video Type: Still Image

Transmitter Types [Programming]

4. Select **Maintenance | Setup | Receiver Types** in the Supervisor Workstation.
 - a. Click **Edit** and then **Add**.
 - b. Type a **Name** for System V.

Note: No Attributes.
 - c. Select the new FEP driver of **SGVISUAL** from the **Driver** drop-down list box.
 - d. Type **DEBUG=1** in the **Options** box to log activity to a file.
 - e. Click **Save**.

Figure 2

The screenshot shows the 'Receiver Types' configuration window. The 'Edit' tab is selected. On the left, a list of receiver types is shown, with 'SYSTEM5 - System 5' highlighted. On the right, the configuration fields are as follows:

Field	Value
Receiver Code	SYSTEM5
Name	System 5
Attributes	
Driver	SGVISUAL
Options	DEBUG=1

The label 'Sur-Gard System 5 Visual' is displayed next to the Driver dropdown menu.

Verify Receiver Type

Verify that there is a **Receiver Type** set up for SurGard. If not, do the following:

- Click **Edit** and then **Add**.
- Type the name of the MLR2 or MLR2000 in the **Name** box.
Note: No Attributes.
- Select the new FEP driver of **SURGARD** from the **Driver** drop-down list box.
- Reference your SurGard manual for your specific **Options**, but you can also use **VER=MLR2000,DNIS=0,LINE=3,CALLERID=1,DEBUG=1** as default options.
- Click **Save**.

Figure 3

The screenshot shows the 'Receiver Types' configuration window. On the left, a list of receiver types is displayed, including 'MLR2000 - Sur-Gard MLR2000'. On the right, the configuration form for 'MLR2000' is shown. The 'Receiver Code' is 'MLR2000', the 'Name' is 'Sur-Gard MLR2000/MLR2E', the 'Attributes' field is empty, the 'Driver' is set to 'SURGARD' (selected from a dropdown menu), and the 'Options' field contains the string 'VER=MLR2000,DNIS=0,LINE=3,CALLERID=1,DEBUG=1'.

5. Remaining in your Supervisor Workstation, select **Maintenance | Setup | Receivers**.

Note: You will need to set up two separate receivers, one for regular signals and one for video.

Create Video Receiver

To create the Video Receiver, do the following:

- Click **Edit**, highlight **FEP1**, and then click **Add**.
- Select the receiver type (added in step 4) from the **Receiver Type** drop-down list box.
- Type a **Description** for your System V receiver.

Notes:

- The Starting Number can be left at the defaulted next number.
 - The Number to Add can be left at 1.
- Click **OK**.
 - Select **TCP/IP (Out)** from the **Port Type** drop-down list box.

- f. Update the **Host IP** to that of the server that hosts the System V software.
- g. Type **2025** in the **Port Number** box.
- h. Set the **Default Receiver Line Prefix** and **Default Monitoring Group** to your user preference.
- i. Set the **Default Designation for Unknown Signals** to a system account. One can be found by clicking the magnifying glass and selecting from the list in the **System Account Lookup**.
- j. Click **Save**.

Figure 4

The screenshot displays the 'Receivers' configuration window in the SurGard System V software. On the left, a tree view shows the system hierarchy with expandable folders for 'FEP 1 - FEP' and 'FEP 2 - FEP copy'. The right pane is divided into sections for configuring a specific receiver. The 'Receivers' section includes fields for Receiver Number (6), Receiver Type (SYSTEM5), Description (SYSTEM 5), Port Type (TCP/IP (Out)), Host IP (172.16.143.185), Port Number (2025), and a checkbox for 'Disabled'. The 'Defaults' section includes Default Receiver Line Prefix (Default Prefix), Default Monitoring Group (Monitoring Group 0), and Default Designation for Unknown Signals (Default Prefix). The 'Linked Receiver' section includes FEP Number and Receiver Number dropdowns.

Create Regular Signal Receiver

To create the Regular Signal Receiver, do the following:

- a. Click **Edit**, highlight **FEP1**, and then click **Add**.
- b. Select **MLR2000** from the **Receiver Type** drop-down list box.
- c. Type a **Description** for your MRL2000 receiver.

Notes:

- The Starting Number can be left at the defaulted next number.
 - The Number to Add can be left at 1.
- d. Click **OK**.
 - e. Select **TCP/IP (Out)** from the **Port Type** drop-down list box.
 - f. Update the **Host IP** to that of the server that hosts the System V software.
 - g. Type **1025** in the **Port Number** box.
 - h. Set the **Default Receiver Line Prefix** and **Default Monitoring Group** to your user preference.
 - i. Set the **Default Designation for Unknown Signals** to a system account. One can be found by clicking the magnifying glass and selecting from the list in the **System Account Lookup**.
 - j. Click **Save**.

Figure 5

The screenshot displays the 'Receivers' configuration window in the SurGard System V software. The window is divided into three main sections: a tree view on the left, a configuration panel on the right, and a 'Linked Receiver' section at the bottom. The tree view shows a hierarchy of receivers, with 'Rec 7 - System V 1' selected. The configuration panel for this receiver shows the following settings: Receiver Number: 7, Receiver Type: MLR2000, Description: System V 1, Port Type: TCP/IP (Out), Host IP: 172.16.143.185, Port Number: 1025, Host IP (Secondary):, Port Number (Secondary):, Soft Command Receiver Code:, and a 'Disabled' checkbox. The 'Defaults' section includes: Default Receiver Line Prefix: Default Prefix, Default Monitoring Group: Monitoring Group 0, and Default Designation for Unknown Signals: Receiver Line Prefix: Default Prefix, Transmitter ID: 99995, and 2RLM dra. The 'Linked Receiver' section includes: FEP Number: and Receiver Number:.

Restart FEP Service

Once this entire set up is complete, restart your **FEP** service by way of the **MSM** or you can go into the **FEPCommander**.

1. Select **FEPCore | Reload Configuration** in the **FEPCommander**.
2. Click **Reload Configuration**.

Note: The two new receivers just added should now show in the **FEPCommander** and the **Driver Status** should be showing as **Up**. If the status is something other than **Up**, then communication between the System V server and the Manitou server needs to be investigated.

CUSTOMER SETUP

Create a new customer or update an existing customer to use the System V transmitter.

1. In a customer record, select **Systems** in the **Jump To** menu.
2. Create a new **System** if necessary with a **Transmitter**.
 - a. Select the **System Number** (can use default).
 - b. Type a **Description** for the system.
 - c. Select **Event Monitoring** for **System Type**.
 - d. Select **Alarms Only** or a preferred monitoring for the **Monitoring Type**.
 - e. Click **OK**.
 - f. Select **Transmitters** in the tree below your system.
 - g. Click **Add**.
 - h. Select **Transmitter Number** (can use default).
 - i. Type a **Description** for the transmitter.
 - j. Select the System V transmitter from the **Transmitter Type** drop-down list box that was created in Step 3 in the section, "System Setup."
 - k. Set the **Receiver Line Prefix** to your preferred prefix.
 - l. Set the **Transmitter ID** to the ID of the panel.
 - m. Set all other options to the specification of the individual account.
 - n. Click **Save**.

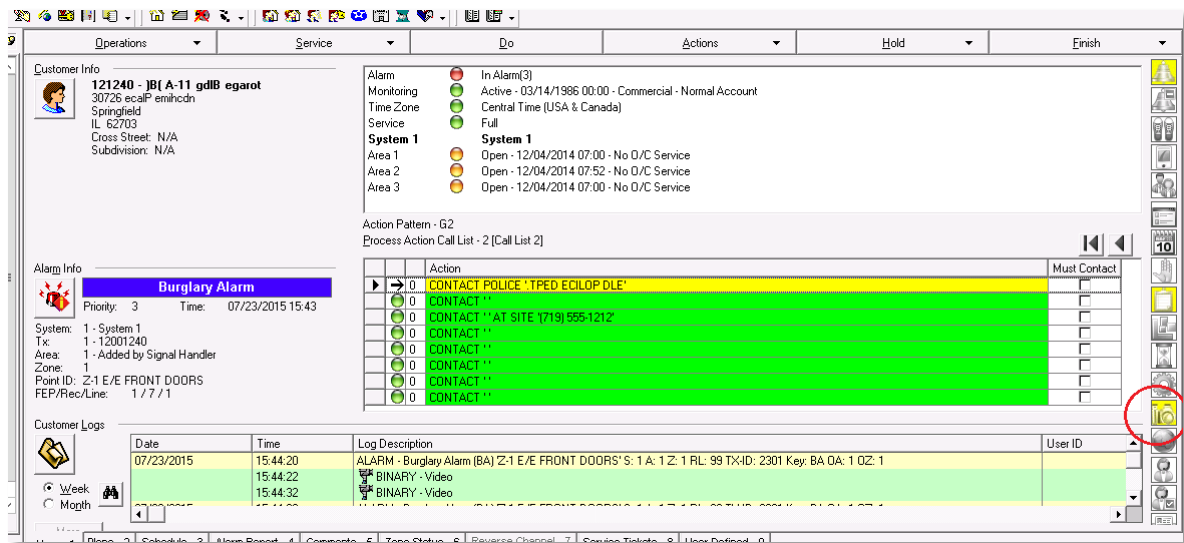
Figure 6

- When an alarm comes in from System V with video the alarm will come into the alarm queue the same as other alarms.
- When the operator opens the alarm there will be a popup notification or the camera icon on the sidebar will be blinking, indicating that there is a video available for the alarm (depending on how the notification options are set up in the Supervisor Workstation).

Important: To view videos, do these steps to enable the following options in Internet Explorer.

1. Open Internet Explorer.
 2. Click **Tools | Internet options**. The **Internet Options** dialog box appears.
 3. Select the **Security** tab and then click **Custom level**. The **Security Settings – Internet Zone** dialog box appears.
 4. Select **Enable** for **Active scripting**.
 5. Select **Enable** for **Allow status bar updates via script**.
 6. Click **OK** to exit out of the dialog boxes.
- When going to view the video the **Media Matrix** will automatically open and load the video file(s) within the Operator Workstation.

Figure 7



- The images or video will begin to play in the **Media Matrix**.
- Using the controls available, you can pause/play or have the images move forward and backwards one at a time.

Figure 8

