

Service Engineer Scan Mode

- Click **File** and make the appropriate selection from the drop-down list or click **Edit** and then **Find**, (ref: Figure 166) enter the desired search criteria and click the **Search** button.

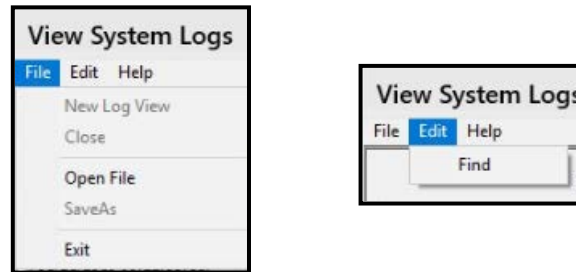


Figure 166: System Log Options

- Click any of the navigation buttons  (ref: Figure 165) located at the bottom of the screen to view additional system logs or to navigate back to the first system log screen.
- Clicking **Exit** from the **File** drop-down list returns to the **Service Engineer** menu, (ref: Figure 92).

6.2.11 TIP

This section provides instructions for setting up the TIP feature

- Select **TIP** from the **Service Engineer** menu, (ref: Figure 93).
- Selecting **TIP** displays the **TIP** menu shown in
-
- Figure 167.
- TIP** has three (4) selections:
 - Recall Tip, (ref: Section 4.1.10.1)
 - TIP Configurations
 - Library Configurations
 - Manage Report Data, (ref: Section 4.1.10.2)
 - Show Non TIP Message (ref: Section 4.1.10.3).

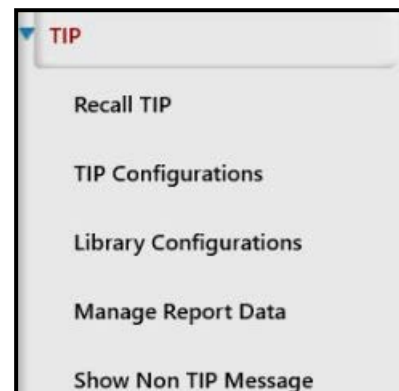


Figure 167: TIP Menu

6.2.11.1 TIP Configurations

- Select **TIP Configurations** from the **TIP** menu, (ref: Figure 167).
-
- Figure 167).
- Selecting **TIP Configurations** displays the **TIP Configurations** menu shown in Figure 168.
- Click the **Close** button to exit the **TIP Configurations** menu.

6.2.11.1.1 Frequency

- Clicking **Frequency** from the **TIP Configurations** menu, (ref: Figure 168) displays the **Frequency Configurations** screen shown in Figure 169.
- The **Frequency Configuration** screen allows the selected **Existing Stations Information** frequency parameters to be changed. After the changes have been made, click the **Save** button.

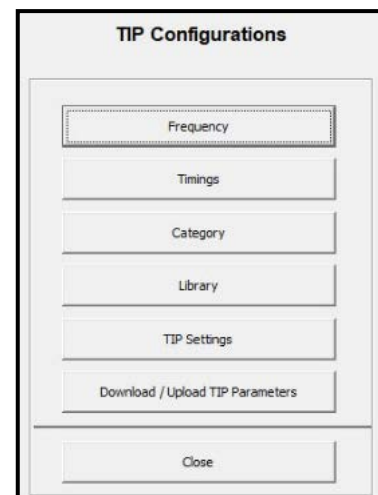


Figure 168: TIP Configurations Menu

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3. Click the **History** button to view a history of frequency settings.
4. Click the **Close** button to exit the **Frequency Configurations** screen.

Frequency Configurations

Existing Stations Information:

Stations

12345 [9200X] 12345

Select All

Frequency Configuration

Frequency Mode: Dynamic

Bag Ratio: 20 [1 - 10000]
(0: No TIP Projection)

Bag Range: 0 [0 - 100 %]

Random Ratio: 0 [0 - 50 %]

Frequency Correction Rate: 0.00000 [0 - 5]
(0: Disable Dynamic Frequency)

History Save Close

Figure 169: Frequency Configurations

5. The **Frequency Mode** may be selected as **Dynamic** or **Fixed**. If **Dynamic** is selected, the **Frequency Correction Rate** field appears. If **Fixed** is selected, a **TIP** image will be projected according to the **Bag Ratio** only.
6. **Frequency Correction Rate [0 to 5]** sets the rate at which the number of images projected is increased or decreased when the frequency of bags scanned is lower or higher than expected (e.g., bag traffic is lighter or heavier than normal). The Frequency Correction Rate is used when the measured frequency is not within the tolerance level.
7. **Bag Ratio [1-1000]** may be entered as a number representing how often a simulated threat will appear. For example, entering **[2]** means an FTI appears every other bag and **[5]** means an FTI appears every **5th** bag. If **Frequency = 10%**, FTI will be projected once for every **10** bags presented. A **Bag Ratio of 0** means no FTI Projection. A **Bag Ratio of 1** means **100%** frequency of FTI projection.
8. **Bag Range [0-100%]** defines when TIP should be projected on the probability range of bags, in percent. For example, if the **Bag Ratio is 10**, and the **Bag Range is 20%**, then **TIP** will be projected within the probable range of **8 to 12** bags of every **10** bags scanned.
9. **Random Ratio [0 to 50%]** defines when **TIP** should not be projected within a range of bags. For example, if **Bag Ratio = 10**, **Bag Range = 20**, and **Random Ratio = 10%** means **10%** of the projections should be out of the **Bag Range** for every **10** bags scanned.

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6.2.11.1.2 Timing

Selecting **Timings** from the **TIP Configurations** menu (ref: Figure 168) displays the **TIP-Timing Configuration** screen shown in Figure 170 below.

1. The **TIP-Timing Configuration** screen allows the selected **Existing Stations Information** timing parameters to be changed. After the changes have been made, click the **Save** button.
2. Click the **History** button to view a history of timing settings.
3. Click the **Close** button to exit the **TIP-Timing Configurations** screen.

The screenshot shows the 'TIP-Timing Configuration' window. On the left, under 'Existing Stations Information', there is a table with one row selected: '12345' with ID '[920CX]' and name '12345'. Below the table is a 'Select All' checkbox. On the right, under 'Station Timing Configurations', there are four settings: 'Initial Decision Time' set to 3 (range [1 - 10 Sec]), 'Secondary Decision Time Out' set to 8 (range [1 - 45 Sec]), 'Response Buffer' set to 0 (range [0 - 10 Sec]), and 'NON-TIP EVENT Time Out' set to 0 (range [0 - 90 sec]). At the bottom are 'History', 'Save', and 'Close' buttons.

Figure 170: TIP-Timing Configuration

4. **Initial Decision Time [1-10 sec.]** defines the time allowed for the Operator to respond to the **TIP** image by pressing the **Suspect** or **Search** button when a **TIP** image appears. The default is **3 sec.** This time is extended when the Operator presses the **Stop** button.
5. **Secondary Decision Time Out [1-45 sec.]** defines the time allowed between the points when the Operator identifies a threat to when the Operator presses the **Stop** button. The default is **10 sec.**
6. **Response Buffer [1-10 sec.]** is the minimum number of seconds allowed for the Operator to read the **TIP** message.
7. **NON-TIP EVENT Time Out [0-90 sec.]** is the number of seconds after the Operator falsely identifies a **TIP** image for the **Non-Tip** message to clear.

6.2.11.1.3 Category

1. Selecting **Category** from the **TIP Configurations** menu, (ref: Figure 168) displays the **Station Category Configurations** screen shown in Figure 171.
2. The **Station Category Configurations** screen allows the selected **Existing Stations Information** parameters to be changed.
3. To evenly distribute **Category Percentages** click the **Evenly Distribute** button and the percentages in the **Category Percentages** section will all be identical.
4. Click the  button to go into the one FTI category.
5. Click the **Save** button to save changes or click the **Undo** button to undo all changes.
6. Click the **History** button to view a history of category settings.
7. Click the **Close** button to exit the **Station Category Configurations** screen.

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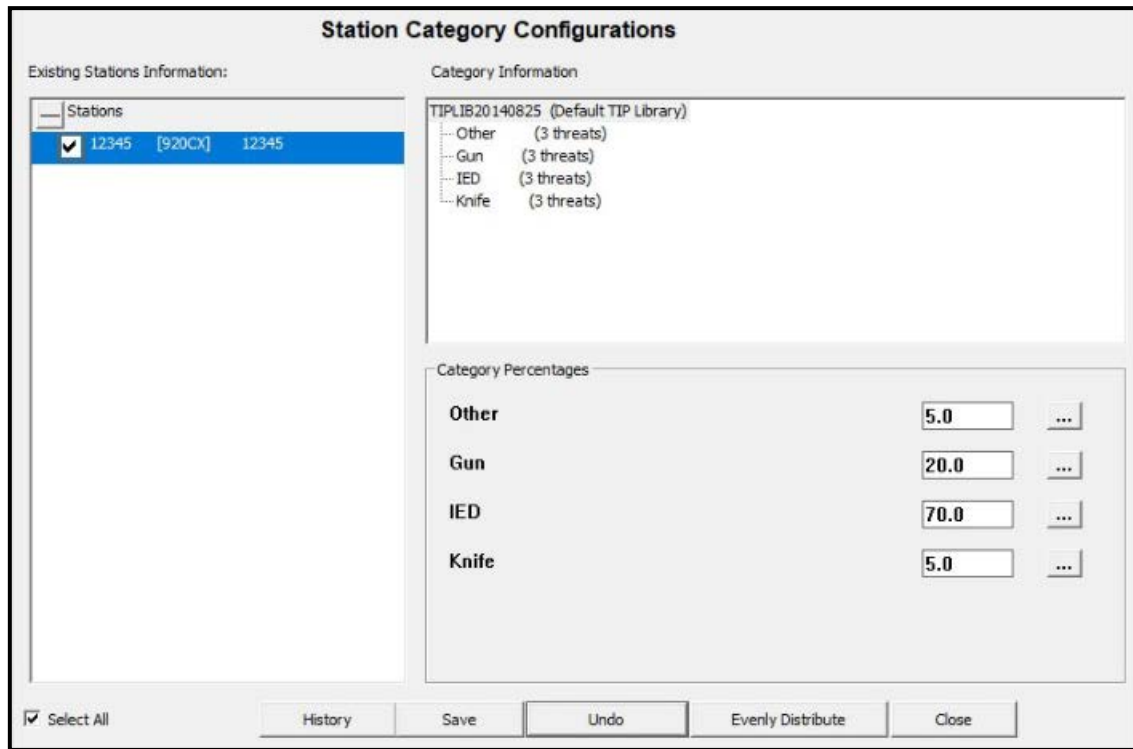


Figure 171: Station Category Configurations

6.2.11.1.4 Library

1. Selecting **Library** from the **TIP Configurations** menu, (ref: Figure 168) displays the **Station Library Configurations** screen shown in Figure 172.
2. The **Station Library Configurations** screen allows the selected **Existing Stations Information** parameters to be changed.
3. Under the **Library Information** section, click either **Normal Mode** or **OTP Mode**, select the **Library** from the drop-down list, and click the **Save** button.
4. Click the **History** button to view a history of library changes.
5. Click the **Close** button to exit the **Station Library Configurations** screen.

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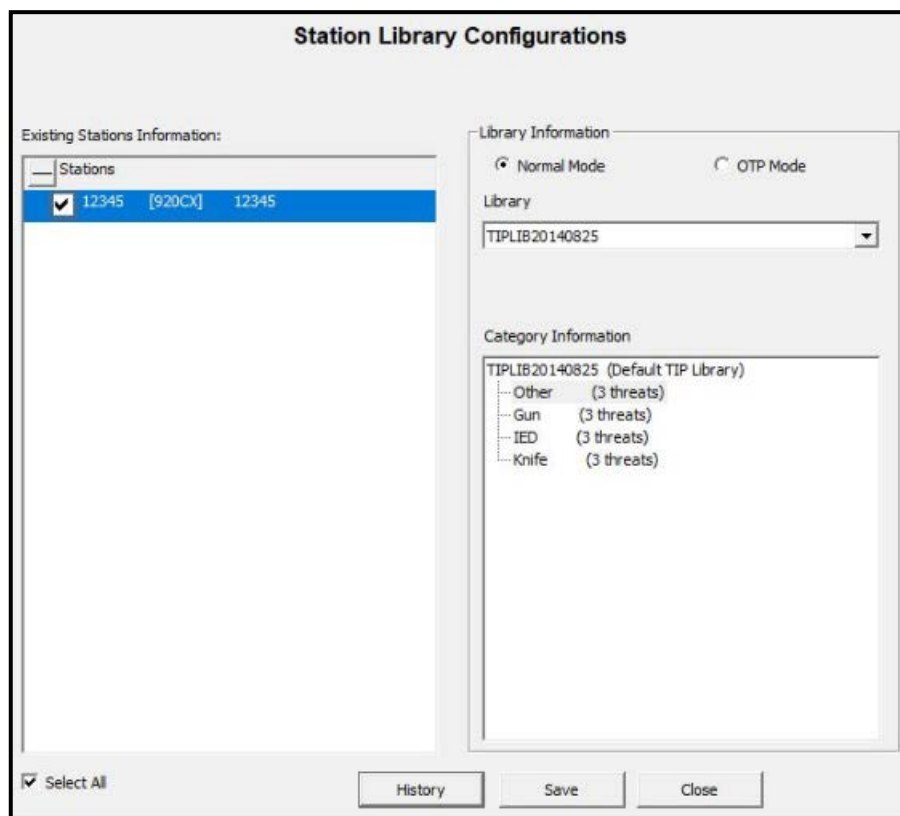


Figure 172: Station Library Configurations

6.2.11.1.5 TIP Settings

1. Selecting **TIP Settings** from the **TIP Configurations** menu, (ref: Figure 168) displays the **TIP Settings** screen shown in Figure 173.
2. The **TIP Settings** screen allows the selected **Existing Stations Information** parameters to be changed.
3. Select the directories from the **Archive Directories** section by clicking the navigation button next to the selected field.
4. Select the remaining parameters.
5. Click the **Save** button to save the changes.
6. Click the **History** button to view a history of **TIP** settings.
7. Click the **Close** button to exit the **TIP Settings** screen.

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TIP Settings

Existing Stations Information:

Stations	[920CX]	12345
☒	12345	12345

☒ Select All

Archive Directories

Miss Image Archive Directory: D:\Rapiscan Systems\Missed Images

Hit Image Archive Directory: D:\Rapiscan Systems\Hit Images

Abort Image Archive Directory: D:\Rapiscan Systems\Aborted Images

Threat Image Archive Directory: D:\Rapiscan Systems\Missed TIP Images

☐ Enable Tip Profiling

☒ Activate Missed Tip Mode

MTM Auto Log Off Time: 300 [60 - 600 sec]

Missed TIP Images Kept Period: 90 [0 - 90 Days]

History Save Close

Figure 173: TIP Settings Screen

8. **Enable TIP Profiling** allows the system to record the FTIs presented during a session for a particular user. The next time the user logs in and begins a **TIP** session, the FTIs presented will not be repeated.
9. **Activate Missed TIP Mode** and the time before automatically logged off from **MTM Auto Log Off Time [60-300 sec.]**.
10. **Missed TIP Images Kept Period** defines the time, in days, that the file of is stored **[0-90 days]**.

6.2.11.1.6 Download/Upload TIP Parameters

1. Selecting **Download/Upload TIP Parameters** from the **TIP Configurations** menu, (ref: Figure 168) displays the **Station Upload/Download Configurations** screen shown in Figure 174.
2. The **Station Upload/Download Configurations** screen allows the selected **Existing Stations Information** parameters to be changed.
3. Select the source file from the **Upload Station Configurations** section and click the **Upload** button or select the **Select Destination File** from the **Download Station Configurations** section and click the **Download** button. Click the navigation button next to either field to display **Folder Dialog** screen.
4. Click the **Close** button to exit the **Station Upload/Download Configurations** screen.

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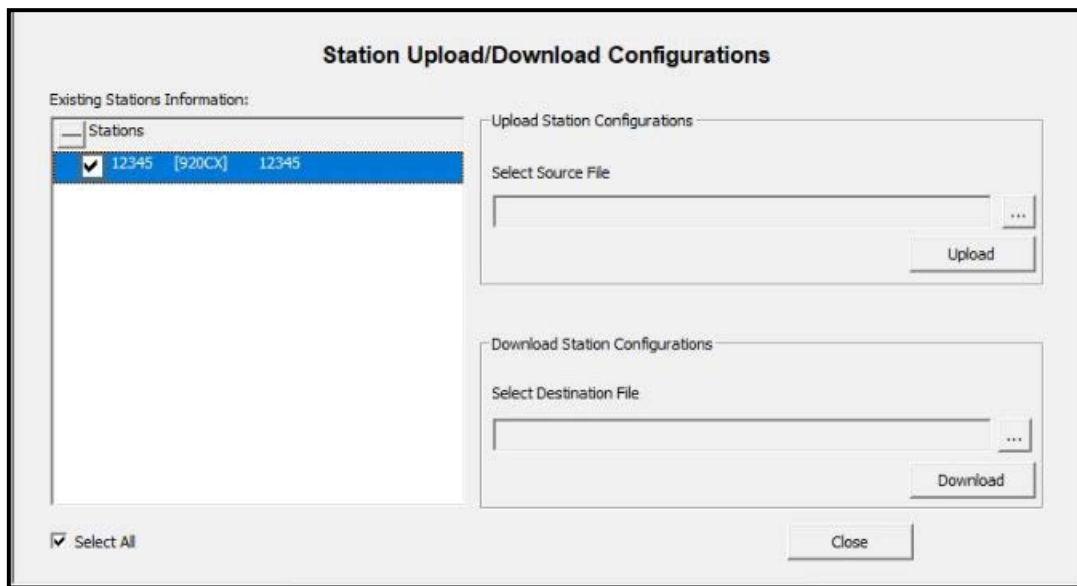


Figure 174: Station Upload/Download Configurations

6.2.11.2 Library Configurations

1. Select **Library Configurations** from the **TIP** menu, (ref:
- 2.
3. Figure 167).
4. Selecting **Library Configurations** from the **TIP** menu displays the **TIP Library Management** menu shown in Figure 175.
5. Click the **Close** button to exit the **TIP Library Management** menu.

6.2.11.2.1 Add/Remove Libraries

1. Clicking **Add/Remove Libraries** from the **TIP Library Management** menu, (ref: Figure 175) displays the **Add/Remove TIP Libraries** screen shown in Figure 176. Click the **Close** button to exit the **Add/Remove TIP Libraries** screen.

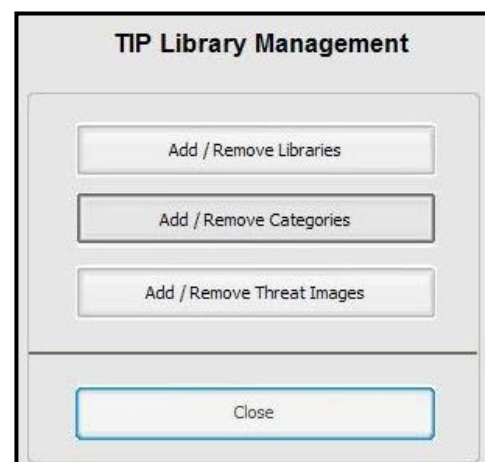


Figure 175: TIP Library Management Menu

NOTICE

To add a new library that is NOT present, a Flash Drive that contains the desired library must be installed into a USB port of the main computer located inside the scanner cabinet.

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2. To add a new library, enter and select new library parameters below the **Add New** section, select the source folder below the **Update Library** section and click the **Import** button, (ref: Figure 176).
3. To remove an existing library, select the library below the **Existing Libraries** section and click the **Remove** button.
4. A confirmation message displays to confirm the removal. Click the **Yes** button to confirm or click the **No** button to return to the **Add/Remove TIP Libraries** screen.
5. Click the **Close** button to exit the **Add/Remove TIP Libraries** screen.

Add / Remove TIP Libraries

Add New

Library Version:

Library Description:

Library Type: **BPI** (dropdown)

Number Of Views: **1** (dropdown)

Add button

Upload Library

Select Library Source Folder: ...

Import button

Existing Libraries:

- TIPLIB20140825 (selected)
- TIPLIBOTP20140825

Library Information

Library Type: **BPI**

TIPLIB20140825 (Default TIP Library)

- Other (3 threats)
- Gun (3 threats)
- IED (3 threats)
- Knife (3 threats)

Remove **Export** **Close** buttons

Figure 176: Add/Remove TIP Libraries

6.2.11.2.2 Add/Remove Categories

1. Clicking **Add/Remove Categories** from the **TIP Library Management** menu, (ref: Figure 175) displays the **Add/Remove Categories** screen shown in Figure 177.
2. Select the category to be removed and click the **Remove** button.
3. A confirmation message displays to confirm the removal. Click the **Yes** button to confirm or click the **No** button to return to the **Add/Remove Categories** screen.
4. To add a new category, enter the appropriate information below the **Add New Category** section and click the **Add** button.
5. A confirmation message displays to confirm the addition. Click the **Yes** button to confirm or click the **No** button to return to the **Add/Remove Categories** screen.
6. Click the **Close** button to exit the **Add/Remove Categories** screen.

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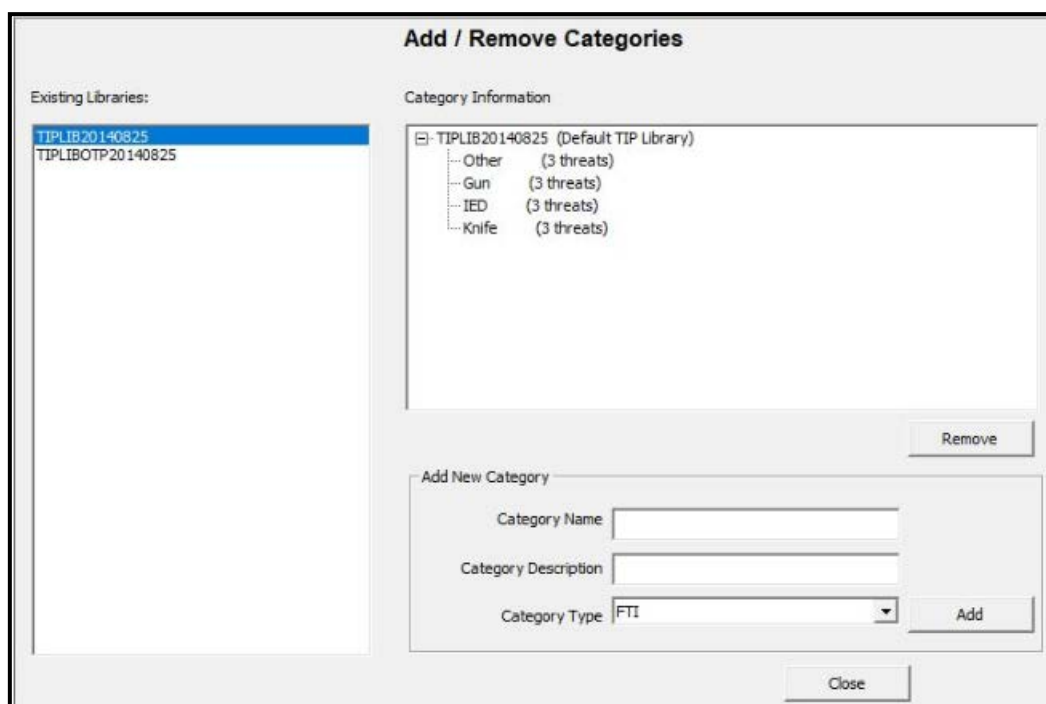


Figure 177: Add/Remove Categories Screen

6.2.11.2.3 Add/Remove Threat Image

1. Clicking **Add/Remove Threat Images** from the **TIP Library Management** menu, (ref: Figure 175) displays the **Add/Remove Threat Images** screen shown in Figure 88.
2. Select the desired image and click the appropriate button.
3. Clicking the **Remove** button displays a confirmation message. Click the **Yes** button to confirm or click the **No** button to return to the **Add/Remove Threat Images** screen.
4. Click the **Close** button to exit the **Add/Remove Threat Images** screen.

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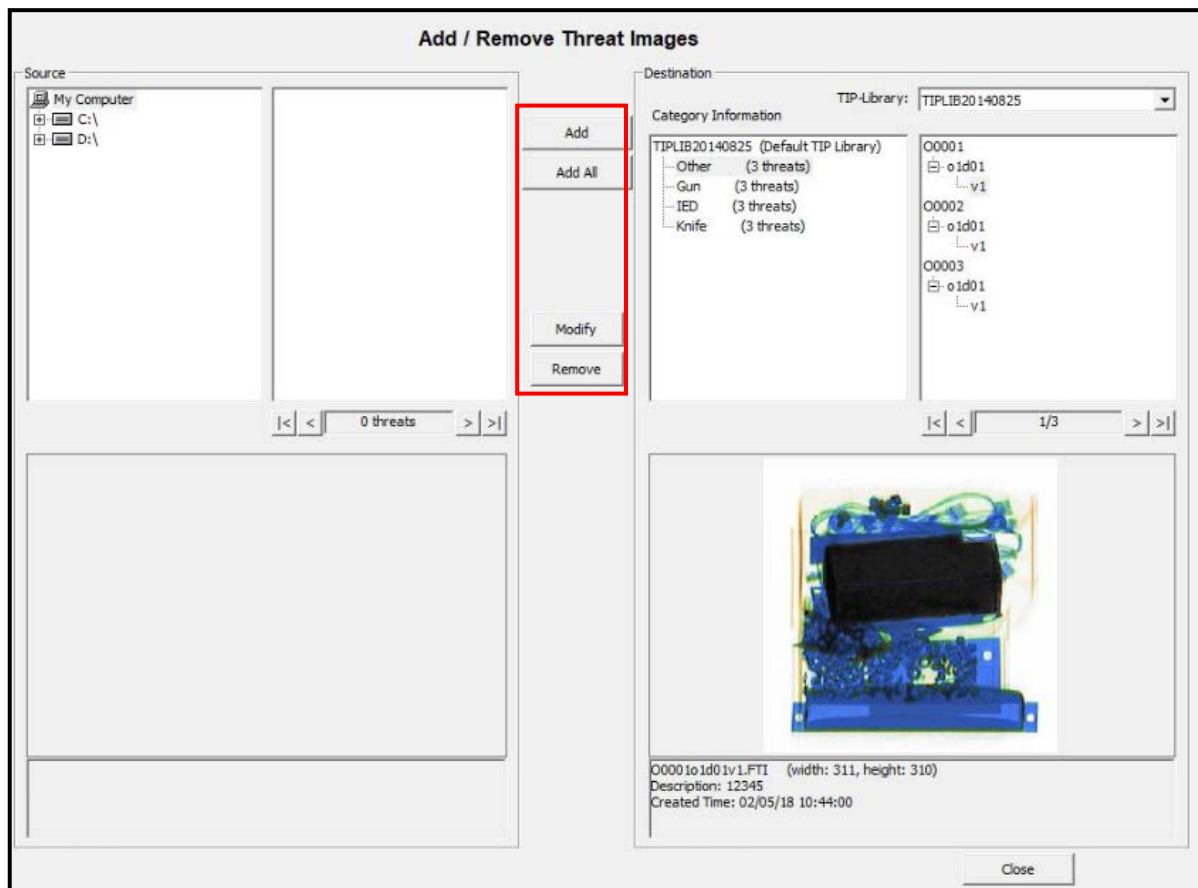


Figure 178: Add/Remove Threat Images

6.2.12 Screen Saver

1. Selecting **Screen Saver** from the **Service Engineer** menu, (ref: Figure 92) displays the **Screens Saver** screen show in Figure 179.
2. The **Screen Saver** can be disabled, or the wait time can be selected from the drop-down list in the **Wait (in minutes)** field.
3. If a wait time is selected, and **Require Login** is enabled, the user must log back in once the screen saver is displayed.
4. If a different user is going to log in, log out must be performed and the new user must login in with the proper credentials.

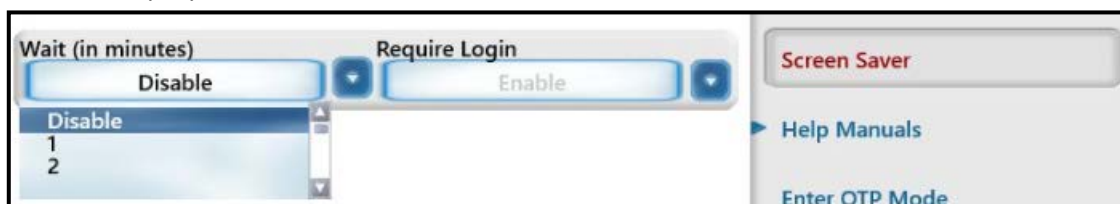


Figure 179: Screen Saver Screen