

# Motorola Solutions Tool Chest for Bluebeam Revu

User Guide

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# Motorola Solutions Tool Chest for Bluebeam Revu User Guide

This guide outlines the procedure for installing and configuring the Motorola Solutions Tool Chest for Bluebeam Revu.

The Motorola Solutions Tool Chest for Bluebeam Revu is designed to help security professionals streamline workflows related to designing camera layouts, drawing mark-ups with a variety of features and shortcuts.

# System Requirements

Before installing the software, please ensure your system meets the following requirements:

1. Operating System: Windows® 8.1 (32-bit and 64-bit) and Windows 10 (32-bit and 64-bit).
2. Processor: 1 GHz processor or equivalent
3. RAM: 4GB minimum, 8GB recommended
4. Hard Disk Space: Up to 5GB of available space may be required

Additional system requirements for Revu can be found at the [support.bluebeam.com](https://support.bluebeam.com).

# Installing the Motorola Solutions Tool Chest for Bluebeam Revu

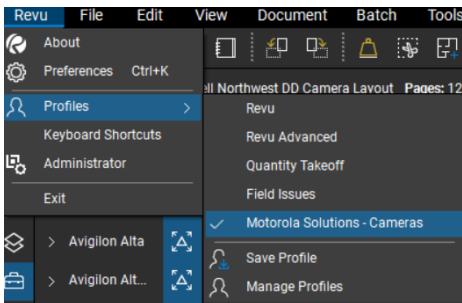
Follow these steps to install the Motorola Solutions Tool Chest for Bluebeam Revu software:

1. Download the installation file from [avigilon.com/software-downloads](http://avigilon.com/software-downloads) or [pelco.com/updates](http://pelco.com/updates).
2. Ensure that any instances of the Tool Chest software are not running.
3. Open the installer file and follow the on-screen instructions.
4. Once installation is complete, launch the Tool Chest using the desktop shortcut or start menu.

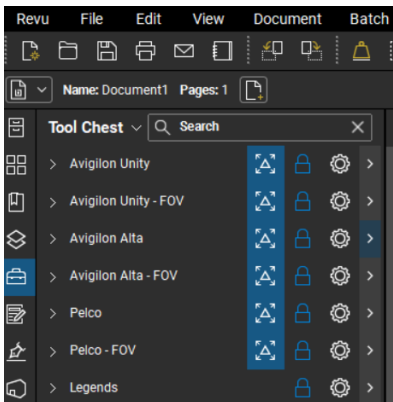
# Accessing the Motorola Solutions Tool Chest

To begin using the Motorola Solutions Tool Chest software:

1. Launch Bluebeam Revu.
2. Select the *Revu* tab on the top-menu and navigate to *Profiles* to expand the *Profiles* menu.
3. Select **Motorola Solutions - Cameras** from the menu.



4. The Motorola Solutions Tool Chest will appear in the tool bar.



5. You can use the *Profiles* menu to navigate between toolboxes.

# Motorola Solutions Tool Chest Dashboard Overview

The user interface is divided into three types of sections:

1. Cameras and devices: contains Motorola Solutions branded cameras, sensors and access control devices.
2. Fields of View (FOV): contains the FOVs associated with the cameras, sensors and devices.
3. Legends: contains legends for single-sheet and multi-sheet drawings.

## Key features

1. Motorola Solutions security symbols – you can drag and drop 2D orthographic symbols of Motorola Solutions's camera, access control and environmental sensors onto your drawings.
2. Scaled FOV – confirm camera coverage and worst case scenario pixel density by adding its corresponding FOV.
3. Legend generator – add a legend to your drawings so Revu can automatically populate the legend with the symbols from the drawings. Customize the legend with an array of fields that include camera specifications, guides and other resources.

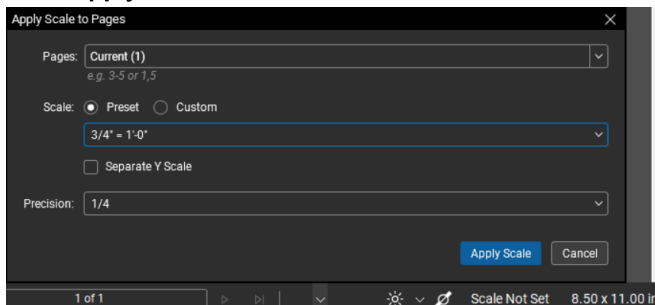
# Using Motorola Solutions Tool Chest

You can use the Motorola Solutions Tool Chest to enhance your document markups by scaling drawings, adding fields of view (FOV), and adding symbols and legends.

## Scaling a Drawing

You must scale your drawing using the scale function before you add symbols and an FOV.

1. Select the pages you want to scale from the **Pages** drop-down menu.
2. Select the Scale:
  - a. Preset – provides predefined sizes for your drawing.
  - b. Custom – allows you to set the exact scale you need.
3. Set the **Precision** value from the drop-down menu.
4. Click **Apply Scale**.



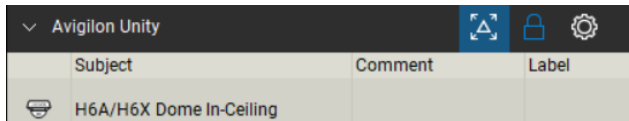
## Adding Symbols

You can add symbols by dragging and dropping them onto a drawing.

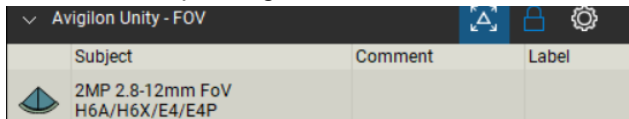
1. Select from the Hardware drop-down menu to add a hardware product.
2. Select from the FOV drop-down menu to add a field of view cone.
3. Select from the Legend drop-down menu to add a legend.

## Adding Fields of View (FOV)

1. Click on the drop-down arrow to select a camera brand.



2. Find the corresponding FOV in the Camera Brand and FOV sections of the tool chest.



3. Select the **Generic FOV no restrictions** FOV if you are using generic or customized FOVs.
4. Drag and drop your selected FOV from the tool chest onto your drawing.
5. FOV cones will scale automatically once the drawing scale is set.  
Do not use the tool chest option to scale the FOV.

## FOV Parameters

FOVs were created using the following parameters:

1. 10' Mounting Height
2. Widest FOV possible for the selected camera lens.
3. 30' target distance
4. 6' target height
5. Minimum of 12 pixels per foot (indicated by the green area in the FOV cone)

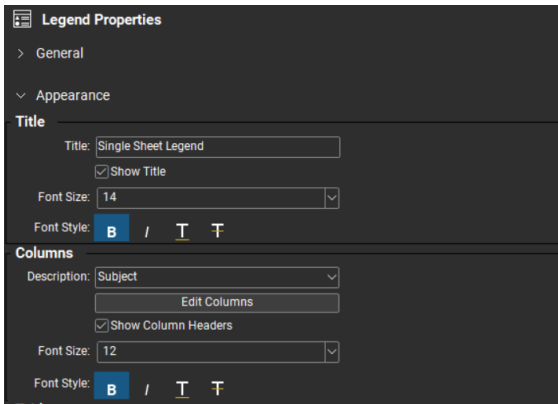
## Adding Legends

Legends are used for tracking quantities of hardware symbols, model types, prices, camera capabilities and links to additional documentation. You can add a legend as a single sheet or as a multi-sheet. Selecting a single-sheet legend will only populate the symbols from the one drawing while selecting a multi-sheet legend will populate symbols from multiple drawings.

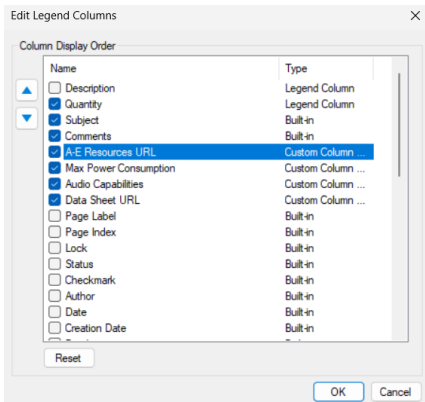
## Customize a Legend

You can use the Legend Properties setting to edit the columns that appear on the legend.

1. Right-click the legend and select **Properties** from the drop-down menu. This opens the *Legend Properties* menu.
2. Navigate to the *Columns* section on the *Legend Properties* menu.



3. Select **Edit Columns** and select which fields to display on the legend.



# More Information & Support

For additional product documentation and software and firmware upgrades, visit either [support.avigilon.com](http://support.avigilon.com) or [support.pelco.com](http://support.pelco.com).

## Technical Support

Contact Motorola Solutions Technical Support at [consultant@motorolasolutions.com](mailto:consultant@motorolasolutions.com).