



TruFleet Map Overlay Creation with GIMP

Converting PDF map layouts into JPEG/PNG images.

This document explains how to convert a PDF map layout into a clean JPEG or PNG overlay for Teldio TruFleet. It covers importing PDFs into GIMP, removing unwanted text or whitespace, exporting the final image, and uploading it into the TruFleet web interface with recommended settings.

For any questions regarding this document please contact Teldio Support at support@teldio.com.

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Downloading and Installing GIMP

1. Visit the official GIMP website at <https://www.gimp.org/downloads/>.
2. Click the download button to get the latest version compatible with your operating system.
3. Follow the installation prompts to install GIMP on your computer.
4. Once installed, launch GIMP to begin editing your map overlays.

1. Importing a PDF Map into GIMP

1. Open **GIMP**.
2. Select **File** → **Open**.
3. Choose the PDF map file.
4. When prompted with the *Import from PDF* dialog:
 - Set **Resolution** to **300 DPI** for clarity.
 - Select the page you want.
 - Click **Import**.

The PDF page will now appear as a rasterized image in GIMP.

2. Cropping the Map to the Desired Area

Using the Crop Tool

1. Select the **Crop Tool** from the toolbox.
2. Click and drag to draw a rectangle around the portion of the map you want.
3. Adjust the edges as needed.
4. Press **Enter** to apply the crop.

This removes all unwanted whitespace or margins around the map.

3. Removing Unwanted Text or Blocks of Text

When removing unwanted text, text boxes, or labels, you do not need to fill the cleared areas with any background color. Since the overlay will be placed on top of the existing TruFleet base map, transparent or cleared areas will show the underlying map beneath. Your goal is to cleanly remove unwanted elements so the overlay appears neat and uncluttered.

Recommended Method: Using the Rectangle Select + Delete

1. Select the **Rectangle Select Tool**.
2. Draw a box around the unwanted text or whitespace.
3. Press **Delete** to clear the selected area, leaving it transparent.

This method is preferred for clean removal while maintaining transparency.

4. Cleaning Up Remaining White Space

If the map has irregular whitespace or borders:

Using the Fuzzy Select Tool

1. Select the **Fuzzy Select Tool**.
2. Click on the white or unwanted area.
3. Press **Delete** to remove it, making the area transparent.

Using the Free Select Tool

1. Select the **Free Select Tool**.
2. Trace around the area you want to keep.
3. Go to **Select → Invert**.
4. Press **Delete** to remove everything outside the traced region.

5. Exporting the Final Map as a JPEG

1. Go to **File → Export As**.
2. Change the file extension to **.jpg**.
3. Click **Export**.
4. Set **Quality** to **90–100**.
5. Click **Export** again.

Your overlay image is now ready for TruFleet.

6. Uploading the Map Overlay to Teldio TruFleet

1. Log into TruFleet and click on the building icon to open the beacon/overlay menu.
2. Click **Add Overlay**.

3. A create overlay menu will appear allowing you to name the overlay, set the transparency, and an image file section that allows you to upload the image as a JPEG or PNG file.
4. Fill out all fields in the overlay menu except the optional floor field.
5. Click **Choose File** in the image file section and select the JPEG or PNG overlay file you edited with GIMP.
6. Click **Save**.
 - a. The image will then appear on the TruFleet web map.

7. Sizing and Reshaping the Overlay

1. Use the resize handles to adjust the overlay size so it fits as closely as possible to the environment on the map.
2. Drag and reshape the overlay edges to align with physical features or boundaries in the TruFleet map.
3. Take your time to ensure the overlay matches the environment accurately for best visual integration.
4. When you are completed reshaping and placing the overlay, press the save icon on the overlay and click the building icon to close out of the adjustment menu.

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