

Project Title: Post-processing with Topaz Lab’s Sharpen AI software

Target Audience: Event photographers (sports, weddings, graduations, etc.), wildlife photographers, or other photographers who shoot spontaneous and/or unpredictable action photos

Challenge: Event photographers typically have only one chance to capture specific images for a client. If the opportunity is missed or the photo isn’t clear, then the photographer cannot produce the promised deliverable for the client.

Solution: Topaz Labs Sharpen AI software can recover detail in photos that suffer from missed focus, lens softness, and motion blur. This post-processing step can “rescue” images that would otherwise be unusable by the photographer and the client.

Learning Objectives for Training:

1. Identify key features of the Sharpen AI interface
2. Utilize Sharpen AI to recover detail in a photo

Directions for Reviewers:

- Please use the Review function (track changes) in Microsoft Word to leave comments or make corrections.
- Please read over the Voiceover (VO) Script and Text on Screen columns to check for accuracy and completeness.
- Text appearing in brackets [] will not appear on screen or in the VO.
- Numbers in brackets will direct video maker when to place text, images, animations, or graphics in time with the VO.
- Software simulation video and before/after photos to be used in Closing scene will be provided to video maker via a shared Dropbox folder.

Scene: Introduction			
Voiceover Script	Text on Screen	Images/Animations/Graphics	Notes
[1] When you are photographing life as it happens, there are no second chances. [2] A mistake with camera settings, or an unexpected movement from	[All titles fade before the appearance of the next title [1] Sunsets [2] Weddings [3] Wildlife	Unless otherwise noted, all video and photo clips fade in and out; video clips should be approximately evenly spaced throughout the VO script.	Background audio: stock music that is upbeat Background audio plays throughout the entire duration of the video. Volume

the subject can lead to [3] disastrous results for you and your clients. [4] Sharpen AI is a powerful software tool that can sharpen [5] images without producing artifacts. This software developed by [6] Topaz Labs is available for both Mac and Windows Operating Systems. [7] Let's take a quick look at how to add this tool to your post-processing workflow.	[4] Sharpen AI [5] Performances [6] Graduations [7] Street	[1] Stock video of photographer at sunset [2] Stock video of a wedding ceremony [3] Stock video of photographer in nature [5] Stock video of dancer/performer [6] Stock video of a graduation ceremony [7] Stock video of a street photographer	is low so that it does not compete with VO. All titles are located on the top left of the video and use a consistent entrance/exit animation to fade in/out <i>except for title [4]</i> . Title [4] is centered on the top third of the video and text is larger than the other titles; it uses a different entrance/exit animation than the other titles to signify it is the name of the Software. Stock video [7] fades out as Software Demo Scene fades in
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Scene: Software Demo			
Voiceover Script	Text on Screen	Images/Animations/Graphics	Notes
When you open the software, you will see the prompt to either drop your image onto the work area or to upload it from a folder. As the image uploads, the software will automatically create a sharpened version of your	[9] Click and drag to "paint" with the brush [10] brush size control [14] Click to go back to main workspace	Text and graphics fade in and out as indicated [1] Highlight box surrounds viewing options ribbon [2] Zoom in animation focusing on head of bird; zoom	Video fades in approximately 2 seconds before VO begins. Video fades out after VO completes.

<p>photo using one of the built-in sharpening models. [1] At the top of the workspace, there are several viewing options: you can choose single view, [2] split screen, or side by side views as well as a comparison view that allows you to see the results of using multiple different sharpening models. [3] You can zoom into different areas of your photo by changing the zoom percent and controlling the zoom area with the white rectangle on the right of the workspace.</p> <p>In some cases, you may not be happy with the sharpening model the software initially applied to your photo. [4] Using this menu, you can manually change the sharpening model to find one that works best for your photo. [5] You can also manually adjust model parameters that control the amount of blur and noise in your photo.</p>		<p>out just before VO says “..or side by side views...”</p> <p>[3] Arrow pointing to Zoom menu fades in; arrow fades out when VO says “..by changing the zoom....”</p> <p>[4] Arrow pointing to Sharpen Model area fades in; arrow fades out when VO says “..manually change the sharpening...”</p> <p>[5] Arrow pointing to model parameters area fades in; arrow fades out when VO says “..noise in your photo”</p> <p>[6] Arrow pointing to Select menu fades in; arrow fades out when VO says “....areas of your photo”</p> <p>[7] Arrow pointing to Refine button fades in; arrow fades out when VO says “clicking the refine..”</p> <p>[8] Rectangular outline fades in around add and subtract buttons; it fades out when VO says “....where you wish to apply sharpening.”</p> <p>[9] Text box fades in; it fades out before the subtract button is clicked in the demo</p>	
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<p>[6] Below that is the Select menu. Here you can apply selective sharpening to specific areas of your photo. In this example, we may want to apply sharpening to the bird [7] but not to the background. Clicking the refine button will give you options to add or subtract to the area of your photo to be sharpened. The software will sharpen any portion of your photo that is overlaid in red. [8] You can add to the area or remove from the area to precisely control where you wish to apply sharpening. [9]</p> <p>[11] Clicking update will apply the selective sharpening.</p> <p>Once you are happy with your image, [12] you can save it. [13] There are multiple options in the save menu. You can choose a specific file type and image quality; you can change the name of your edited photo, and you can</p>		<p>[10] labeled arrow pointing to Size slider fades in as it is clicked in the demo</p> <p>[11] arrow pointing to update button fades in; it fades out at the end of the sentence.</p> <p>[12] arrow pointing to save button fades in; it fades out before VO says "There are multiple options..."</p> <p>[13] Zoom in animation on Save Image box; zoom out after save button is clicked in demo.</p> <p>[14] Text box with arrow pointing to "back to editor" button fades in after zoom animation completes. It fades out after "back to editor" button is clicked in demo</p> <p>[15] Arrow pointing to trashcan icon fades in; arrow fades out as demo video fades out</p>	
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<p>choose where to save the photo.</p> <p>To clear the workspace so that you can sharpen another photo, [15] click on the trashcan icon on the bottom of the workspace.</p>			
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Scene: Closing			
Audio Script	Text on Screen	Images/Animations/Graphics	Notes
<p>[1] In many cases, utilizing Sharpen AI can rescue photos that are otherwise unusable [2] due to poor focus, softness, or motion blur, allowing you to deliver [3] beautiful, tack-sharp memories to your clients. You can find more information [4] on Sharpen AI and other Topaz post-processing [5] software at topazlabs.com</p>	<p>BEFORE AFTER</p> <p>[5] www.topazlabs.com</p>	<p>Four different side-by-side screenshots of “before and after” photos fade in and out during VO. The left side of each screenshot is labeled with “BEFORE”; the right side of each screenshot is labeled with “AFTER”</p> <p>[1] Screenshot 1 [2] Screen shot 2 [3] Screenshot 3 [4] Screenshot 4 [5] text banner fades in on the bottom of the screen; it stretches the entire width of the screen</p>	<p>The first side-by-side photo is a screenshot of the bird photos used in the software demo (unedited photo on the left and edited photo on the right). The other side-by side screenshots show 3 different examples with the same format (unedited on the left and edited on the right of the screenshot).</p> <p>Video and text banner [5] fade out after VO completes.</p>