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GigaPan Releases Enhanced Panorama "Stitch" Software

GigaPan Stitch and Stitch.Efx Have New Features to Produce Gigapixel Panoramas Quickly and Easily

PORTLAND, Ore.—March 5, 2012—Today GigaPan introduces two new versions of its panorama image stitching software, **GigaPan Stitch™** and **GigaPan Stitch.Efx™**, which include new features for enhancing image quality and controls for ease-of-use**.** Each provides automatic and precise stitching for gigapixel panoramas and other high-resolution images. The new software versions include tools for automatic vignette correction and improved alignment that help photographers to create stitched images with high quality and clarity.

Vignette Correction automatically corrects the darkening around the periphery of input images, caused by lens optics, so that images do not show vertical banding, or vignetting that often results.

Both versions make it easier to produce 360-degree panoramas that include the zenith, and have improved horizon-leveling and algorithms that more accurately estimate lens focal length for optimal alignment.

Stitch.Efx features advanced options for the professional photographer, such as the ability to make color adjustments dynamically, control image arrangement and save projected images for editing.

Optimized for working with larger images, color adjustments in Stitch.Efx can be made in real-time as soon as the image preview appears. User adjustments typically take only a few seconds and include features like:

- Brightness – Makes darks blacker, whites brighter and adjust grays to alter contrast
- Exposure – Compensates easily for incorrect exposure
- Color Temperature – Adjusts white balance by making an image more yellow or blue
- Tint – Adjusts the color range along a magenta-green axis
- Saturation – Makes colors more pure, or transitions toward grayscale

Stitch.Efx allows the user to interactively rearrange the grid of images before stitching, substituting alternate shots and selecting the order of shots. In addition, the ability to save projected images in Stitch.Efx helps a user fine tune blending of their images within other image editing software, for maximum control of blending. This is particularly important when shooting moving subjects.

The GigaPan Upload application is included with GigaPan Stitch and Stitch.Efx software for uploading images to view and share on GigaPan.com. GigaPan Upload is about three times faster than previous versions, and it displays information on the upload progress, overall throughput in megabits per second, and estimated time to completion.

GigaPan Stitch software is included complimentary with every GigaPan EPIC series purchase, and current EPIC series customers can update to the new version of GigaPan Stitch at no additional charge. Those who wish to purchase GigaPan Stitch can try it with a free 14-day trial version. GigaPan Stitch retails for $79 and is available for sale at GigaPan.com. GigaPan Stitch.Efx is available for $149 on GigaPan.com and is also offered in a free 14-day trial version.

About GigaPan
GigaPan EPIC robotic camera mounts empower cameras to take hundreds, even thousands of individual photos, which are combined to create one highly detailed image with amazing depth and clarity. With GigaPan Stitch software, the photos are blended seamlessly into one brilliant panorama, and then uploaded to GigaPan.com, where users can zoom into the detail, explore and share.

GigaPan Systems was formed in 2008 as a commercial spin-off of a successful research collaboration between a team of researchers at NASA and Carnegie Mellon University. GigaPan EPIC series is based on the same technology employed by the Mars Rover to capture the incredible images of the red planet. The company's mission is to bring this powerful, high-resolution imaging capability to a broad audience.

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