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**360cities.net Unveils Gigapixel Panoramic Photo of Tokyo**  
*45-Gigapixel Image is a Portrait of Tokyo from the Roppongi Hills Mori Tower*

*Prague, Czech Republic 23 July 2013* - A newly published 360-degree gigapixel panorama of Tokyo is the latest in a series of landmark city gigapixel images from leading panorama photography firm 360Cities. The image of Tokyo, viewable at [360gigapixels.com/tokyo-gigapixel-roppongi-hills-mori-tower](http://360gigapixels.com/tokyo-gigapixel-roppongi-hills-mori-tower), has a total resolution of 45 gigapixels, or 45 billion pixels. Shot by photographer and 360Cities founder Jeffrey Martin over a period of three days from the top of the Roppongi Hills Mori Tower in Tokyo, the panoramic image allows viewers to zoom in from this vantage point - 52 stories up in the air – and see an astonishing degree of detail. Countless landmarks, houses, skyscrapers, shops, offices, and streets are all explorable in this one photograph. In short, it is a remarkable portrait of the amazing city of Tokyo.

If printed at normal photographic resolution, the panoramic photo would be 45 meters long and 22.5 meters tall.

Martin, a panoramic photographer and the Founder of 360Cities.net, created the panorama from 8000 high-resolution individual photos taken from the top of the Roppongi Hills Mori Tower building. These thousands of photos were then stitched together as one single image on a powerful Fujitsu CELSIUS workstation, provided by Fujitsu Technology Solutions. The computer comprises dual 6-core CPUs, 192GB of RAM, and a 4GB graphics card.

The Tokyo gigapixel panorama can be found at [360gigapixels.com/tokyo-gigapixel-roppongi-hills-mori-tower](http://360gigapixels.com/tokyo-gigapixel-roppongi-hills-mori-tower).

**Notes to editors:**

**Quick facts**

Photographer and image creator: Jeffrey Martin  
45 - the number gigapixels in the photo  
8000 - the number of individual images shot  
9 – the number of hours it took to shoot all the individual photos  
12 – the number of weeks over which the computer processed the final result  
90,000 – times bigger than a typical camera phone photo resolution  
166 – the number of feet long if printed in normal photographic resolution  
83 - the number of feet high if printed in normal photographic resolution  
52 – The floor at the Roppongi Hills Mori Tower where the photos were taken  
25 – number of kilometres distant to the viewable horizon

**Technical information**

A Canon 7D camera and a 400mm f5.6 lens were used to shoot the Tokyo gigapixel panorama. The rig was mounted on a Clauss Rodeon VR Head ST robotic panorama head and positioned at four secure locations around the tower to make the shoot. The raw images were then processed over a multi-week period using Fujitsu Technology Solutions' Celsius R920 workstation with 192GB of RAM and 12 cores, and Autopano Giga panorama stitching software from Kolor. The resulting online interactive version of the photo is presented in multi-layered, tiled resolution that permits zooming in to view extreme details, and is composed of millions of individual image tiles.



### **About 360 Cities**

360Cities.net is the web's largest collection of stunning, geo-referenced panoramic photos, created by a network of thousands of expert panorama photographers from around the world. Through partnerships with Google Earth, Microsoft, Nokia Maps, and Flipboard, 360Cities.net content is introduced to a worldwide audience.

360Cities offers commercial licensing of its vast library of high quality 360 content to leading digital publishers, including The Sunday Times Online, Daily Mail, Die Welt and McGraw-Hill, as well as leading advertising agencies, mobile app and game developers, and film and video producers.

360 Cities Holding B.V. is a Netherlands company with a subsidiary in Prague, the Czech Republic.  
[www.360cities.net](http://www.360cities.net)

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### **About Fujitsu**

Fujitsu is the leading Japanese information and communication technology (ICT) company offering a full range of technology products, solutions and services. Over 170,000 Fujitsu people support customers in more than 100 countries. We use our experience and the power of ICT to shape the future of society with our customers. Fujitsu Limited (TSE:6702) reported consolidated revenues of 4.5 trillion yen (US\$54 billion) for the fiscal year ended March 31, 2012. For more information, please see <http://www.fujitsu.com>.

### **About Fujitsu Technology Solutions**

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