

Leica Pegasus:Swift

Mobile reality capture



Leica Pegasus:Swift – fast 3D digitisation on the go

The Leica Pegasus:Swift is a vehicle independent, mapping solution combining LiDAR and high resolution 360° seamless panoramic images for GIS based applications - utility right-of-way, mining, construction, city planning and clearances. Leveraging Leica Geosystem's trusted mobile mapping platform, the new Pegasus:Swift is the entry level digitisation solution to enable your entry into Mobile Reality Capture. Providing an application flexible platform which is light weight, highly efficient in volume capture for fast decisions and project invoicing.



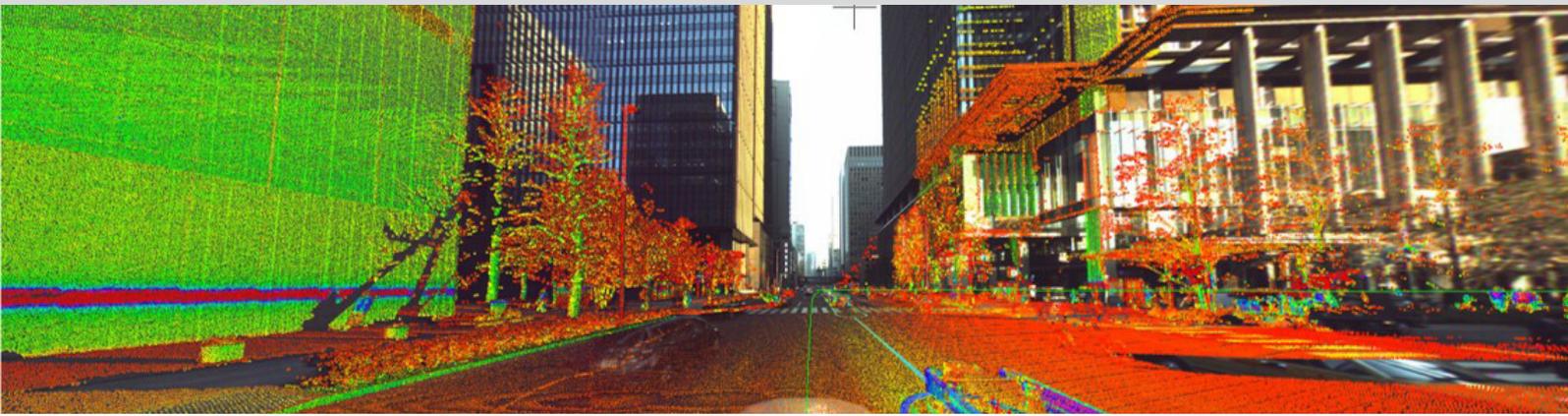
Location Digitalisation

Pegasus products workflow allows fast and efficient feature capture of 3D scenes and asset digitalisation. Pegasus Manager brings a single workflow solution allowing automated feature extraction through multiple modules which can be added as needed. A data exchange module also eases localisation to 3rd party software packages.



Smart City

Digitisation of city infrastructures, planning, and resources is the foundation of the Smart City. The Pegasus:Swift enables your business growth and ability to offer the best solution for this market. Seamless 360° imagery calibrated to the digital point cloud will help you deliver easily realised data assets. More sensor expansion ports offer additional means to capture the city in ones and zeros.



Improving Smart City applications - enabling visual based **reality transformation**



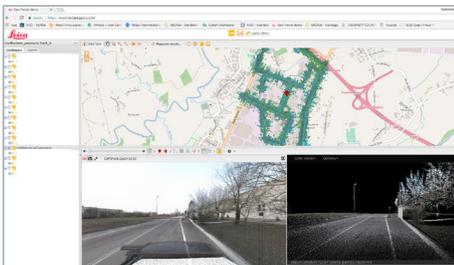
SEAMLESS IMAGERY WITH 360° CAMERA

- 360° 24 MP camera system providing stitching free images
- Point cloud and 360° image can be viewed together as overlay
- FFC (Flat Field Correction) for high resolution imagery in variety lighting conditions
- Point cloud coloured by 360° camera
- Telescopic pole - enables easy storage to prevent damage



INCREASED FLEXIBILITY WITH EASIER DATA TRANSFER

- Additional sync ports to connect sensors, e.g. multibeam sonar
- Removable solid-state Hard Disk with integrated USB 3.0 connection
- Integrated external USB 3.0 port for optional interface



DATA SHARING INDEPENDENT FROM WEB BROWSER

Access and sharing data at anytime from anywhere from the cloud to enable faster visualisation, data delivery and project invoicing.

- Visualisation of captured data
- Complete storage in the cloud
- Point cloud rendered in any browser without need for plug-in
- Images are calibrated to point cloud, can be used to navigate and measure



Revolutionising the world of measurement and survey for nearly 200 years, Leica Geosystems creates complete solutions for professionals across the planet. Known for premium products and innovative solution development, professionals in a diverse mix of industries, such as surveying and engineering, safety and security, building and construction, and power and plant, trust Leica Geosystems to capture, analyse and present smart geospatial data. With the highest-quality instruments, sophisticated software, and trusted services, Leica Geosystems delivers value every day to those shaping the future of our world.

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Leica Pegasus: Two
Mobile reality capture



Leica Pegasus: Stream
Mobile reality capture



Leica Pegasus: Backpack
Mobile reality capture



Leica Pegasus:Two Ultimate
Mobile reality capture

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- when it has to be **right**

