



Vienna in a flash with the new *RIEGL VZ-400i*



This project of the Vienna city center was acquired using the *RIEGL VZ-400i* terrestrial laser scanner. Each scan position of the site took approximately under one minute with 514 scan positions taken within 8 hours. This project has proven that the *RIEGL VZ-400i* is the fastest terrestrial scanner on the market with easy data collection and post-processing through the *RiSOLVE* fully automated registration software.

RIEGL VZ-400i with RiSOLVE

Project Attributes

Instrument:
VZ-400i

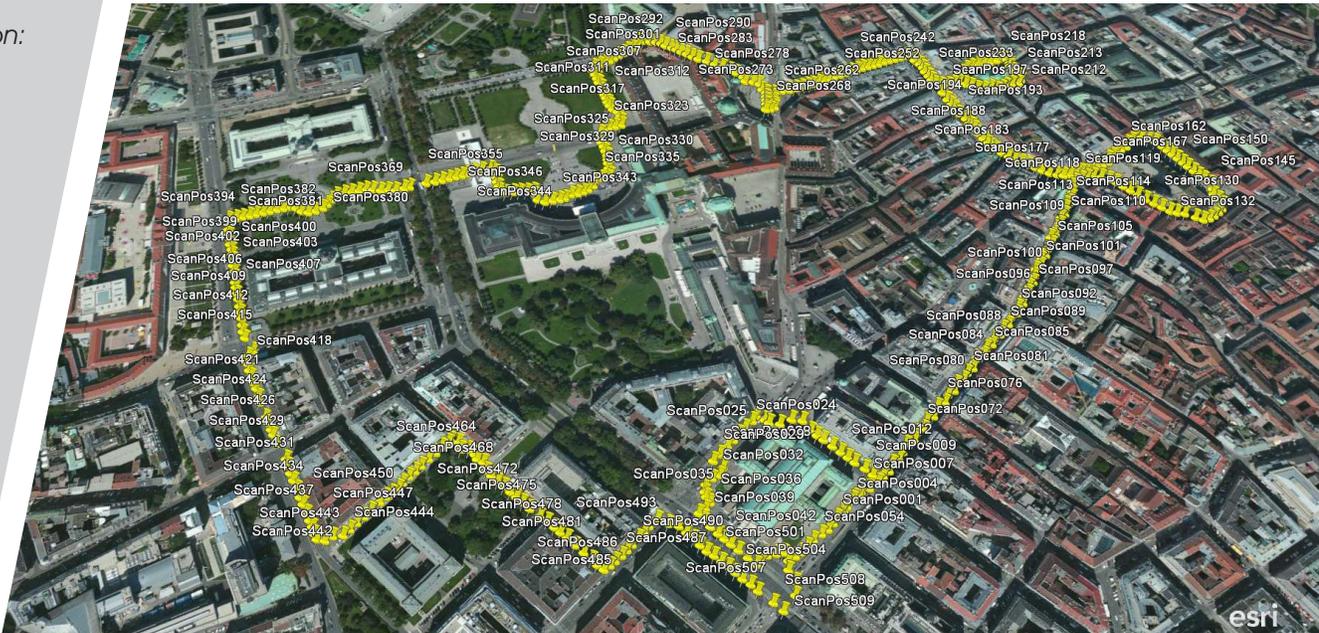
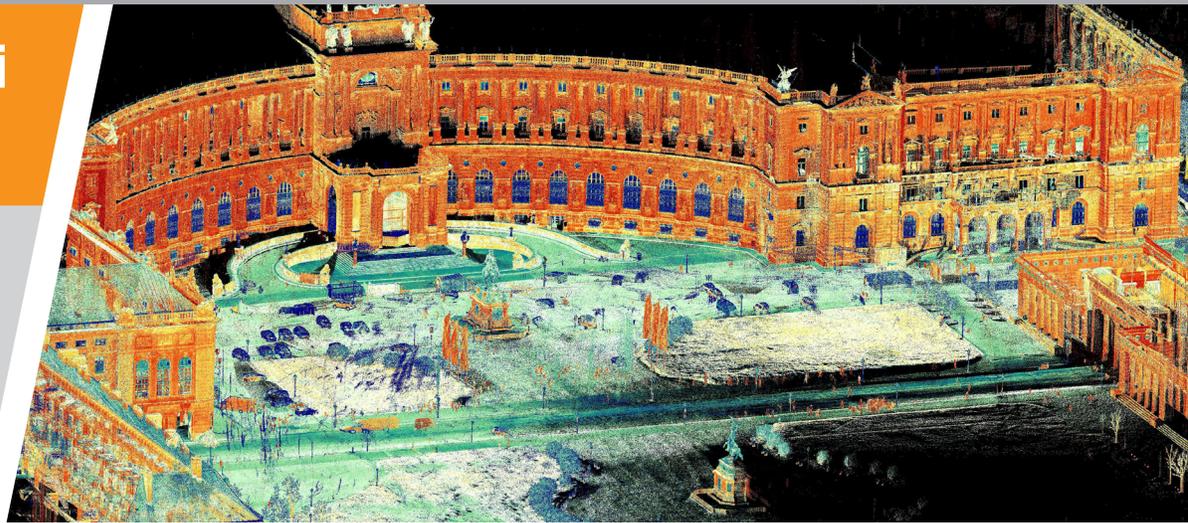
Project:
Vienna City Center

Scan Positions:
514 scan positions

Project Scan Duration:
8 hours

Connectivity:
Bluetooth using
a Trimble R8 GNSS
Receiver

Post Processing:
RiSOLVE
Upload
As kml or json files
into the cloud/
ftp server



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NEW RIEGL VZ-400i

High Performance 3D Laser Scanner Redefining Productivity

- ultra high speed data acquisition with 1.2 MHz laser pulse repetition rate combined with up to 240 lines/sec scan speed
- 5 mm survey grade accuracy
- 1 - 800 m range
- real-time registration with GPS and MEMS IMU
- cloud connectivity via Wi-Fi and LTE 4G/3G
- user friendly touchscreen interface
- extremely robust & reliable



RIEGL VZ-400i Key Features

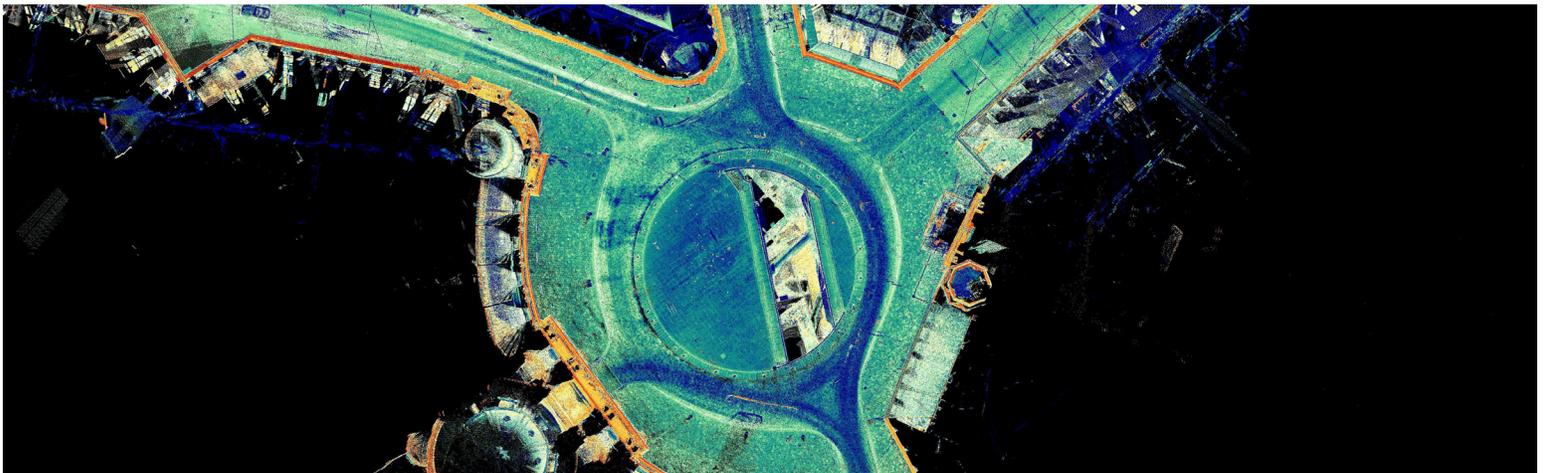
riSOLVE Processing Software for Terrestrial RIEGL VZ-Scanners



Non-range dependent reflectance gray scale



Overall registration error: less than 5mm vertical and horizontal



Non-range dependent reflectance color scale

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