



# 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

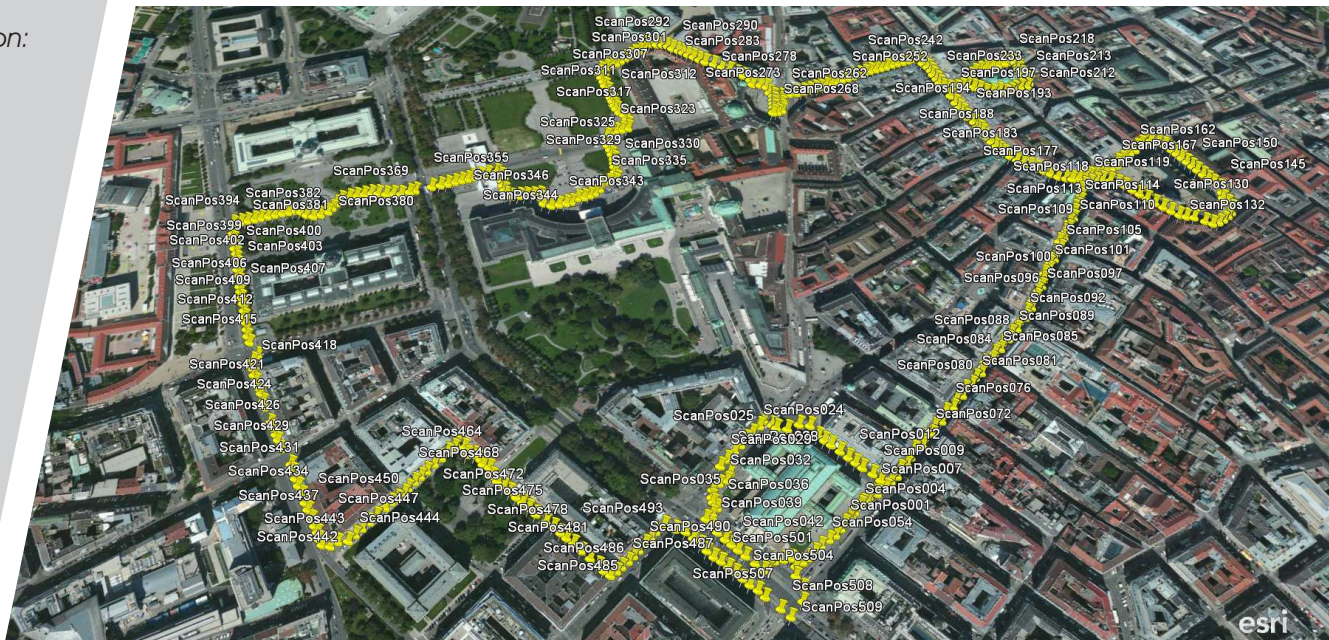
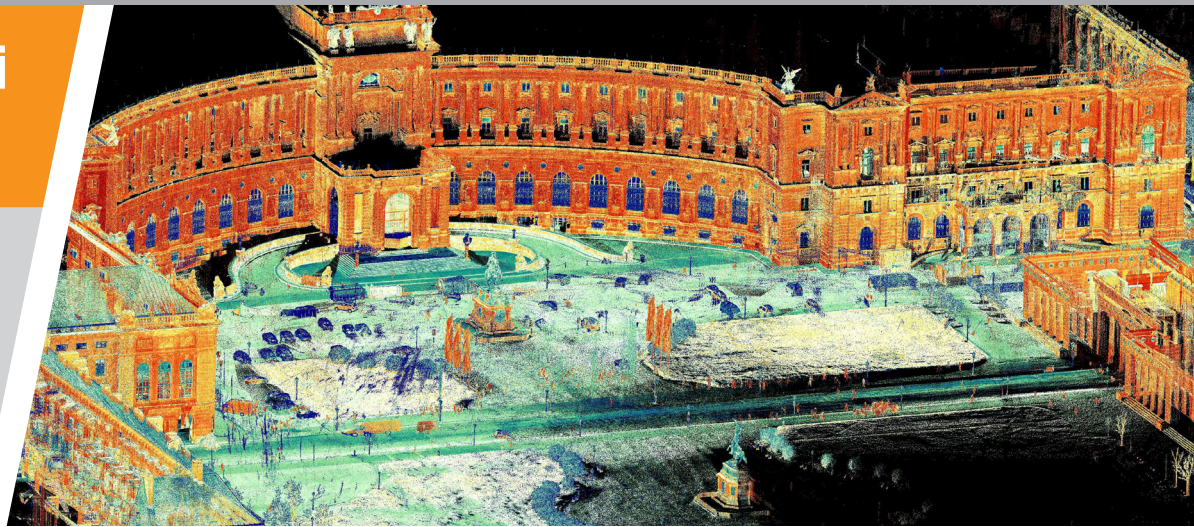
Project:  
Vienna City Center

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

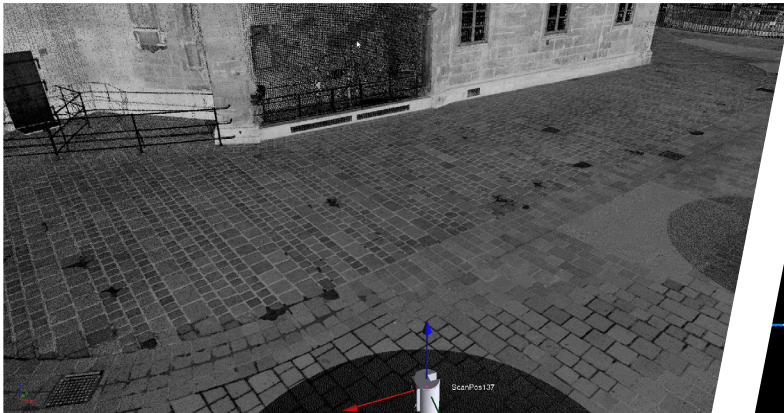
## High Performance 3D Laser Scanner Redefining Productivity

- 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

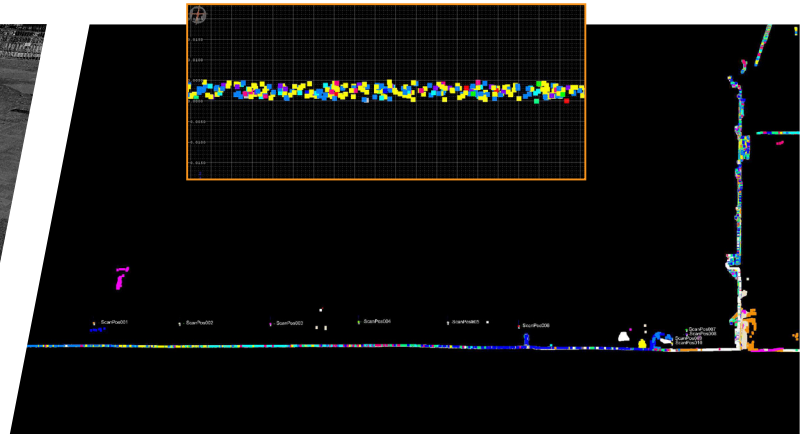


## RIEGL VZ-400i Key Features

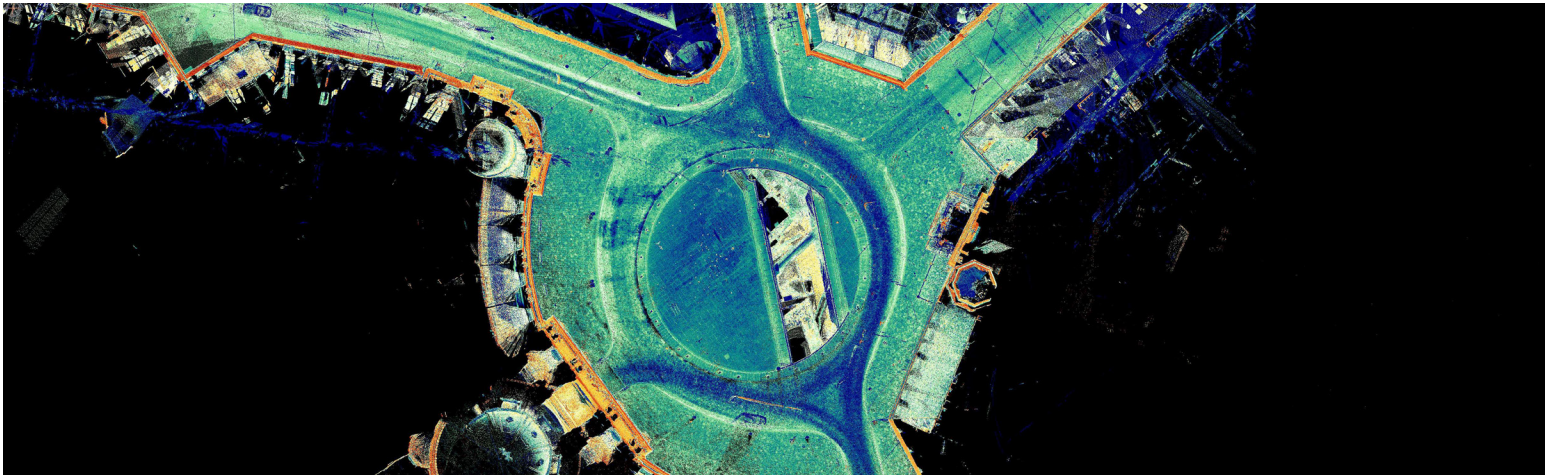
### ► RiSOLVE Processing Software for Terrestrial RIEGL VZ-Scanners



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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