



CONSORCIO
IUYET



HIGH RESOLUTION TOPOGRAPHIC SURVEY HDS™

Leica ScanStation RTC360
Digital Terrestrial Laser Scanner 3D

High-resolution topographic surveying for millimetre-accurate millimetre-accurate 3D data capture and high-dynamic-range high dynamic range images at a scanning speed of up to up to 1 million points per second, generating colour point clouds with a high level of detail.

Certification ISO 9001:2015

The company is certified under international standard ISO 9001:2015 for high-resolution topographic resolution topographic surveys.



APPLICATIONS

- **TOPOGRAPHY**

Capture high definition 3D geometry data on airports, roadways, tunnels, bridges, urban infrastructure, cultural heritage, industry and mining tunnels, bridges, urban infrastructure, cultural heritage, industry and mining mainly for 3D modelling.

- **ARCHITECTURE**

Detailed representation of the executed work with 3D data (as built) for integration into BIM (Building Information Modelling).
Monitoring and maintenance urban infrastructure.

BENEFITS

- Capture reality.
- Faster results.
- Higher level of detail.
- Reduction of verification tasks.
- Savings in time and field staff.
- More quantitative and qualitative information than conventional methods.
- Secure and imperceptible data capture.
- Remote survey in difficult to access locations.
- Excellent performance in conditions of intense luminosity or total darkness.