



Architectural Design and Inventory

The 3D Laser Scanning is the perfect solution for rapidly generating reliable inventory documentation for architectural designs and recordings. SCDS developed multi-range 3D scanning capabilities ensuring a high resolution recording even when dealing with intricate facade sculptures or ornaments.

Technological Features and Performances

- o Our multi-range approach allows recording a wide variety of objects and sites of different sizes and levels of details
- o Rapid capturing of huge volumes of data
- o Collection, inspection and measurements of inaccessible areas
- o Quick and accurate volumetric analysis
- o Unique approach for data management and processing
- o Creating CAD-Pictorial databases
- o Data collection does not interfere with the site activities

Efficient Solutions for:

- o Descriptive geometry-based multi-approach for 3D line modeling and surfacing
- o Tri-dimensional digital archives
- o Documenting the existing buildings for restoration and/or expansion projects
- o GIS Integration
- o Seismic risk qualifiers
- o Urban topography
- o Virtual reality and animation

Available Export Formats:

- o DXF/DWG, IGES, STEP, STL
- o ASCII: XYZ, TXT, PTS

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