

APPLICATION AREAS

Building & Heritage

- As – built 3D models
- As – built 2D drawings
- Full color visualization

Industrial

- Intelligent 3D CAD as – built
- Retrofit application in plants refineries
- Construction planning

Civil & Survey

- Topographic road, rail surveys
- Volumetric calculations in pits, dams, e.t.c.
- Tunnel surveys

Shipyards

- Dry dock for yachts
- Hull scanning
- Ship interior scanning
- Accurate marking of water lines
- Shaft alignment & vibration analysis
- Thermographic surveys

ARCHITECTURE & BUILDING

Applications

- Producing 2D drawings or 3D CAD models for refurbishment and restoration projects
- Internal building surveys for floor plans
- 3D urban modeling for planning studies
- Detailed architectural scanning for preservation
- Construction QA and dispute resolution
- BIM (Building Information Models)

Benefits

- Faster, safer, less costly, more accurate, and more complete building surveys
- Minimizes impact on use and operation of the building during survey
- Point clouds combined with full-color imagery provide powerful, accurate visualization
- Better 3D city visualization, planning and analysis
- Leverage AutoCAD and Micro Station CAD tools

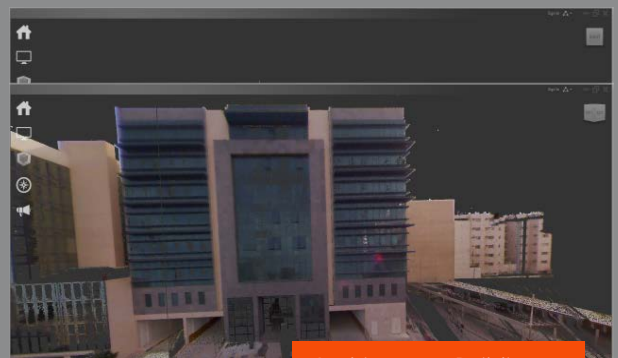
HERITAGE & MONUMENTS

Applications

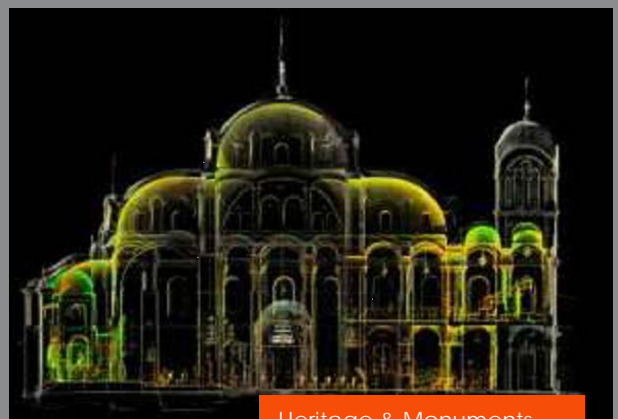
- Detailed recording and preserving of ancient buildings
- Monuments, archeological sites and items of cultural heritage
- Production of drawing to aid restoration and reproduction work
- 3D data collection for movies and walkthroughs for virtual tourism applications within websites and DVD's

Benefits

- Faster, safer, less costly, more accurate, and more complete surveys of complex heritage sites
- Non-contact, remote survey reduces potential damage to sites and improves survey safety
- Reduces sites visits needed for data capture
- Full-color camera options add extra level of information to point clouds for richer analysis



Architecture Building



Heritage & Monuments