

## PROJECTS

**Construction and Geometric Verification of Opera's Ferrocement Canopy Panels, Stavros Niarchos Foundation Cultural Centre, Athens, Greece**

- Creation of the 3D model of the panel
- Taking geometric information from the transverse and longitudinal sections at predetermined points
- Very high requirements of accuracy during the construction and checking of the panels – limit of 2mm
- Examination of the following data for geometric verification of each individual panel
- Distance between the ribs (vertical beams)
- Deviations of ribs axes
- Width of the ribs
- Distance between the beams
- Deviations of beams axes
- Width of the beams
- Flange thickness

**Façade As-Built Survey at CRing – Doha, Qatar**

- Low time of data acquisition comparatively to the classical methods
- Non-invasive method to collect data
- Low price of works
- Authentic, full and accurate 3D copy of reality that cannot be executed with other measurement means or method
- 2D and 3D documentation within the easy reach of engineers, structure designers and architects
- Production of 2D drawings or 3D models for refurbishment and restoration project, compatible with all CAD software.

**Natural Gas Metering and Regulating Station – Takoradi, Ghana**

- Industrial surveying, design and construction support
- As-built information as a basis for the mechanical engineering team
- As-built for retrofit plant design (natural gas)
- Construction administration support for all civil works needed for this project
- Coordination in drawings in civil and mechanical works

