

## DIMENSIONAL METROLOGY & REVERSE ENGINEERING



### BACKGROUND

SURVICE Metrology is a world-class business unit of the SURVICE Engineering Company that provides full-service dimensional inspection services, modeling, custom-engineered solutions, and advanced research and development capabilities in the field of metrology.

### CAPABILITIES

SURVICE Metrology's wide range of capabilities includes:

- High-precision dimensional inspection
- Industrial manufacturing support
  - » Hydroelectric power generation
  - » Aerospace and automotive
  - » Jig and fixture setup and verification
- Reverse engineering

- Scanning
  - » Forensics investigation
  - » Antiquities
  - » Pre- and post-event comparative analyses
- Industrial manufacturing systems integration
- Custom installations
- Research and development
- Structural and fluid dynamics simulation
- 3-D geometry modeling
  - » Technical data package development
  - » Military target exploitation
  - » Rapid prototyping

### TECHNOLOGIES

- Laser trackers
- Laser radars
- Laser scanners
- Coordinate measuring arms
- Photogrammetry tools
- Indoor GPS (iGPS) tools
- Fixed-bridge coordinate measurement machines (CMM)
- X-ray CT scanners
- Enhanced-CLR™
- 3-D printing