



CAPABILITY STATEMENT

Mission Critical & Utilities Capability Statement

Power plants, substations, and critical infrastructure. Zero-downtime documentation.

INDUSTRY OVERVIEW

Utility and mission-critical infrastructure doesn't stop for documentation. Scanning crews need to work around energized equipment, arc-flash boundaries, and compressed outage windows. The deliverables need to integrate with GIS and asset management systems — not just BIM workflows.

Our utility practice covers power generation stations, transmission substations, water treatment plants, and telecom facilities. We deploy with NFPA 70E-trained crews, deliver in formats that work for both engineering and operations teams, and mobilize within outage windows as short as 48 hours.

CORE SERVICES

- 3D Laser Scanning & Reality Capture
- Scan-to-BIM Modeling (LOD 200 – 500)
- BIM Coordination & Clash Detection
- MEP Detailing & Prefab-Ready Models
- Digital Twins & As-Built Documentation

TYPICAL DELIVERABLES

- Substation and switchyard scanning and modeling
- Power generation facility as-built documentation
- Water and wastewater treatment plant modeling
- Underground utility survey and coordination
- GIS-integrated deliverables for asset management

SPECIALIZED CAPABILITIES

- NFPA 70E-trained field crews
- Arc-flash boundary and energized-equipment protocols
- Outage-window and turnaround mobilization
- Integration with GIS, SCADA, and CMMS platforms

REPRESENTATIVE METRIC

NFPA 70E

Trained crews for energized environments

CERTIFICATIONS

- OSHA 10 / 30 certified field teams
- Autodesk Certified Professional — Revit
- Leica RTC360 & FARO Focus certified operators