



CAPABILITY STATEMENT

Industrial & Manufacturing Capability Statement

Refineries, plants, and process facilities. Dense piping, complex equipment, no shortcuts.

INDUSTRY OVERVIEW

Industrial facilities are scanning environments where surveying meets engineering. P&IDs, isometrics, equipment registries, and process safety documentation all need to align with physical reality. The scanning has to work around operations, hazardous area classifications, and shift schedules.

Our industrial work covers refineries, chemical plants, food and beverage processing, manufacturing floors, and power generation. We deliver in formats that work for both BIM and engineering workflows — including isometrics, P&ID; overlays, and equipment-tagged 3D models.

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

- Process plant and equipment-area scanning
- Pipe and equipment 3D modeling
- Isometric drawings from scan data
- Equipment-tagged 3D models linked to asset registries
- Hazardous area-aware field protocols

SPECIALIZED CAPABILITIES

- Confined space and elevated-access scanning
- Hot work and energized equipment area protocols
- Coordination with operations, EHS, and turnaround planning
- AVEVA E3D, SmartPlant, and other engineering platform deliverables on request

REPRESENTATIVE METRIC

24/7

Operations — scanned around production schedules

CERTIFICATIONS

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