GLOBAL
INFORMATION SYSTEMS

3D ASSET MANAGEMENT

- Turn Data into Intel

- Manage Data for Compliance Assurance

- Meet TVC and MAOP Standards

- Track Information Over Multiple Assets and Geographic Locations Remotely

- Query Cross-System as Needed for Maintenance and Regulation Compliance

- Stores Laser Scans, 3D Models, P&IDs, Wiring Diagrams, 2D Mechanical Drawings, Orthographic, Isometrics, Bill of Materials, Drawing Maintenance, and Drawing QC

- Compatible with Vanilla Auto-CAD, CADWorx P&ID, AutoCAD Map 3D, AutoCAD P&ID, MicroStation Desktop, Web, iOS & Android

GLOBAL
INFORMATION SYSTEMS

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SEE AND STORE INTERACTIVE DATA
Track assets enterprise-wide to meet regulations and improve maintenance efficiency.
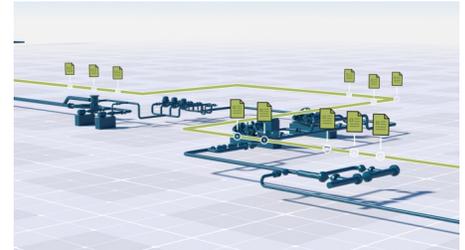
As regulations tighten on the oil and gas industry, the need for TVC compliance data management is becoming more critical than ever. With 3D Asset Management, Global offers in-field asset laser scanning to collect thousands of spatial and component data points to configure 3D models or digital twins. Utilizing this data, the 3D Asset Management system stores key asset data to enable operators to easily identify and track information per asset and across the enterprise. Reality capture through 3D modeling is the most proactive approach to operational efficiency, transparency, safety and compliance.

DATA DRIVEN DECISIONS

With the data compiled, operators have a broad view of the assets, maintenance needs and materials required from a remote system. The ability to make decisions based on data improves functionality, reduces manual data entry and storage, and adds intelligence to the process of determining upcoming needs.
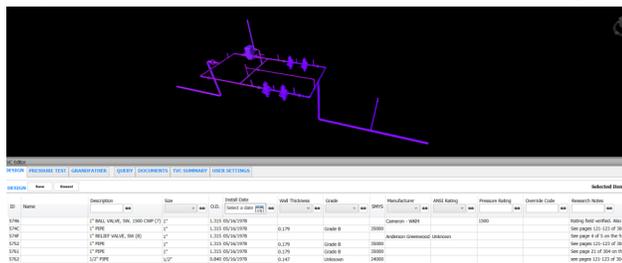
3D Modelling is the fastest, most accurate and cost-effective way to convert high resolution laser scans into real data to support engineering and operations.

RECORDS STORAGE

Linking the data with records and drawings, 3D Asset Management assists in storage of data in a centralized location and ensure MAOP calculations are current. For audit trails, the TVC records and research are easily accessible enterprise-wide with enhanced analysis tools.

IMPROVE SAFETY

Utilizing remotely stored data, project managers can potentially avoid safety hazards and limit unnecessary risk. Identifying hazards and integrity issues without entering the asset allows teams to make data-based safety plans to avoid accidents. Additionally, the remote access to data reduces the number of subcontractors,

vendors and staff at the site for extraneous purposes if the data they need to complete work off-site is readily available and at their disposal in the management system. Lastly, as-built surveys from a 3D models are the most detailed and accurate option for a project manager to address issues before they arise.