

# PROCESS SAFETY

## PSI & Other Services

Founded in 1974, Trinity Consultants helps organizations overcome complex, mission-critical challenges in EHS, engineering, and science through expertise in consulting, technology, training, and staffing. We support clients in geographies worldwide and across a broad range of sectors including industrial, energy, manufacturing, mining, life sciences, and commercial/institutional.

Trinity-acquired Provenance Consulting recognizes that correct and manageable Process Safety Information (PSI) is at the foundation of any successful process or system.

Provenance has proven methods to verify that this information is accurate and consistent and is capable of creating and updating PSI as necessary to maintain accuracy.

### PSI Data Management Services

- ▶ PSI Audits and Reviews
- ▶ Validation of Existing PSI (P&IDs, PFDs, Plot Plans, Instrument Loops, etc.)
  - ▶ Generation of PSI
    - ▶ Data Consistency Checks
    - ▶ Data Discrepancy Mitigation
    - ▶ Equipment File Reconciliation and Consolidation

- ▶ CAD & Drawing Services
  - Drawing Updates and Generation
  - Custom Menu Development
  - Custom Scripts and Routine Development
  - CAD Standards Development and Implementation, including “Intelligent” Drawings
  - Data Extraction, Import, and Management
  - CAD Training

### Management of Change (MOC) Services

Our extensive experience in auditing, implementing and stewarding MOC processes gives Provenance exceptional insight to why MOC processes so frequently are not accepted, not followed, and ultimately fail.

- ▶ MOC audits and reviews
- ▶ MOC system implementation
- ▶ MOC system stewardship
- ▶ Pre-startup safety reviews (PSSR) facilitation
- ▶ Personnel training

### Document Control and Drawing Services

Our team’s extensive experience with AutoCAD, MicroStation, scanning technology, and document management systems leverages your existing documentation and presents it in ways that even the most novice computer user can quickly and easily find what they need.

Our services include:

- ▶ Document control system implementation
- ▶ Project and MOC documentation updates
- ▶ Hard copy drawing migration to intelligent electronic files
- ▶ AutoCAD menu generation
- ▶ AutoCAD and document control system training

### Other Process Safety Support

- ▶ PSM Training
- ▶ Incident Investigation System Implementation
- ▶ Emergency Planning and Response
- ▶ MOC Program Development and Management Compliance Audits
- ▶ Facility Siting
- ▶ PSSRs
- ▶ Procedure Development

### Trinity and Provenance Can Help

For more information about how Trinity and Provenance can help your organization, please contact Provenance Consulting at 806.273.5100 or 281.206.7079.

*ISO 9001:2015 certified at our corporate office in Dallas, Texas*