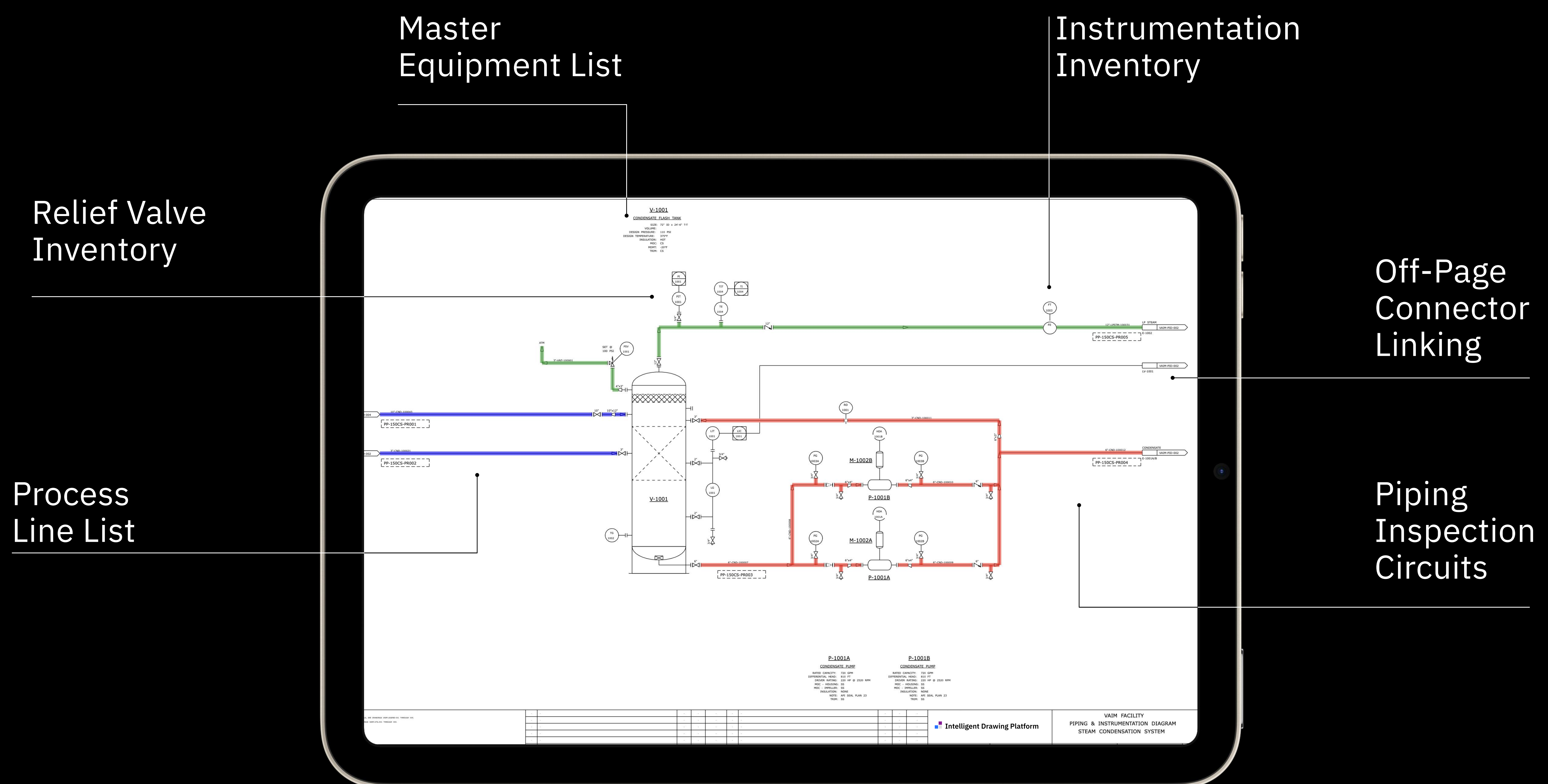


Convert P&IDs into Intelligent Drawings *In Seconds.*





Leverage the extensive data in your P&IDs to save time and money on projects, maintenance, and operations.

The Intelligent Drawing Platform quickly converts AutoCAD drawings to fully digital and intelligent tools. Navigate between complex diagrams, organize, and find the assets across your facility to empower collaboration, improve operations, and increase efficiency.

Master Equipment List

Extract an equipment list from your P&IDs and verify asset coverage.

Piping Circuits

Define circuits on Intelligent Drawings and sync to your CAD MOC process.

Product Transfer

Visualize process lines across P&IDs for product transfer and lockout tagout.

Line Lists

Generate process line and component lists from piping circuit definitions.

Features that put your data *to work*



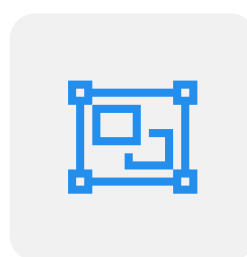
Search Tool

Reduce search times in looking for assets when work planning. Search directly for the asset or instrument tag and find the drawings where it appears in seconds.



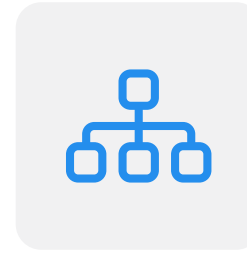
Asset Inventory

Classify drawing symbols to export Master Equipment, Relief Device, and Instrument Inventories from your drawings. Verify coverage against other plant asset registers.



Group Highlighting

Define groups on your drawings for Piping Circuits, Process Systems, Commissioning Systems, HAZOP Nodes, and LDAR Systems for visualization and export to the AutoCAD Masters



Hierarchy

Structure asset hierarchies (or taxonomies) for the creation or restructuring of your CMMS hierarchy, predictive analytics setup, or obtaining your commissioning system lists for walk downs.



Process Mapping

Map process lines from start to finish to get your complete line list, understand from/to data, obtain line accessory counts (such as manual valves and reducers) and map lines through multiple P&IDs through off page connection associations.



Redlining

Use your symbol library to define stencils for redlining. Have a complete electronic ledger of all drawing changes and submit over to the drafting department for drawing changes and revisions without disrupting current work processes.



Deploy intelligent drawings throughout the asset lifecycle.



Design & Construction

- Use the search tool to familiarize yourself with the plant as you build it.

Commissioning

- Create your commissioning system inventories for walkdown verifications

Digital Enablement

- Configure CMMS hierarchy for your work order management
- Create your Master Equipment List for setup in your inspection data management system
- Define your piping systems and circuits for mechanical integrity

Plant Operations

- Train new personnel and enable institutional knowledge transfer
- Enhance your maintenance and operations processes with intelligent drawings
- Create electronic redlines to have a single electronic repository for management of change
- Modify existing CMMS taxonomy for reporting optimization
- Conduct HAZOP analyses on PFDs and P&IDs
- Lockout tagout support and de-energization plans

Advanced Applications

- Predictive analytics setup
- Connectivity to 3D models
- Association with data historian
- CML linkage to asset performance management and inspection data management systems
- Product transfer and process mapping across multiple P&IDs

Decommissioning

- Environmental cleanup
- Proper material and disposal of assets
- Boundary and battery limits for decommissioning of facilities

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