INP&ID©

A simple, cost effective P&ID global viewer for P&ID drawings.

A Mobile Enabled WiseTools Productivity Tool

What is INP&ID©?

INP&ID is a state-of-the-art web app that converts P&ID instrumentation data from **CAD** or **SPP&ID** drawings into an easy-to-use, graphic interface similar to **INView©**. Once implemented, see how INP&ID improves access to P&ID instrumentation data and documents (including external documents on a document management system) and results in significant time savings and enhanced multi-user collaboration.

INP&ID supports 4 install configurations:

- INP&ID using SPI and SPP&ID drawings.
- INP&ID using SPP&ID drawings.
- INP&ID using SPI and CAD P&ID drawings.
- INP&ID using CAD drawings only.

INP&ID© Features

Using INP&ID, transform CAD P&ID drawings or SPP&ID drawings – with or without Smart Instrumentation (SI) – into a powerful, searchable digital database. Unlock global access to critical engineering data and deliverables, enabling smarter, faster decision-making.

- Batch convert native CAD P&ID drawings (DWG, DGN) or SPP&ID drawings into intelligent, graphical PDFs.
- Select a P&ID entity – equipment, instrument tag, interlock, line, or manual valve – from the entity list. The system displays a list of related documents, including external references and SPI-associated documents and will zoom to the corresponding location on the INP&ID drawing.
- A global, as-typed search can find instruments, line numbers, interlocks, equipment numbers, etc. and retrieve and open related P&ID drawing(s). Uses PAU and Project filters to narrow searches.
- **Custom** Instrument, Equipment, Line and Piping Component (Manual Valves) **browser views** can be created by the INP&ID Administrator for use in the application. Only available for use with SPP&ID databases.
- Off-page connectors on INP&ID drawings are linked to related INP&ID drawings.
- View P&ID equipment datasheets from a document management system ie. OpenText (Livelink) or Meridian.
- Uses 3D model links to open equipment in the 3D model using Universal Plant Viewer.
- Upload / associate photos to equipment and line entities.
- Batch print scanned P&ID drawings.
- Built-in **Reports** are available for determining total drawings, instrument tags, equipment tags, line numbers, interlock tags and unscanned P&IDs in the INP&D database.
- Built-in **Audits** are available for comparing the INP&ID drawings with a SPI data when SPI is connected to INP&ID.
- **Admin Module**
  - available from INP&ID for easy configuration
  - Import and export INP&ID configurations.
- Supports **Windows**, **Anonymous** and **SAML** authentications.

Email info@wisetools.ca for a demo and quote.

Wisetools Inc.
Empowering People with Technology

BENEFITS

- **Web app –** use Microsoft Edge, Google Chrome, or Safari browser.
- **User Friendly** – intuitive and easy to use.
- **No passwords** required.
- Does not need SPI or SPPID license.
- Simple to install, configure and integrate with INView in days not months.
- **Digitally integrate SPPID or CAD P&ID drawings** with INView or SPPID or a document mangement system.
- **Automatic conversion** to PDF from CAD or SPP&ID P&ID drawings.
- Automatic hotlinking of the instrument bubbles, equipment numbers, line numbers & interlocks.
- Automatic hotlinked Off - Page connectors.
- Cloud compatible

SPI/SP COMPATIBILITY

- 2016, 2018 & v13
- Oracle or SQL
- Engineering and As-Built/OO configuration

MOBILE ENABLED

- Designed to function on a PC or tablet.

For more information on any of our products or services, please visit us at:
www.wisetools.ca

Email: info@wisetools.ca

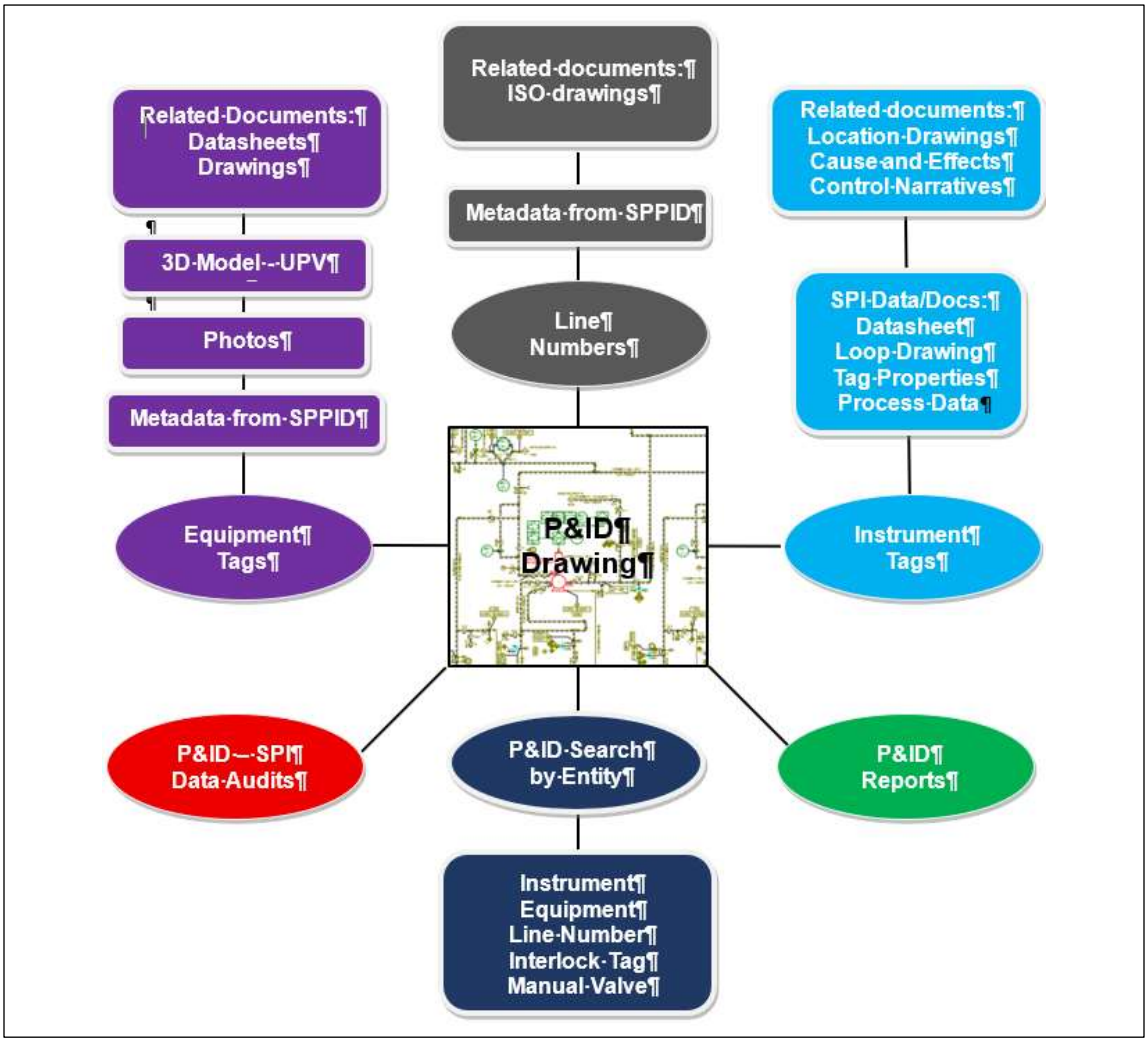
SmartPlant Instrumentation (SPI) is a trademark of Intergraph Corporation/ Hexagon.

**Excel is a trademark of Microsoft Corporation.

INP&ID© cont…

BRING YOUR P&ID DRAWINGS INTO THE DIGITAL WORLD

- **INP&ID Integrations:**
  - **With INView**
    - From INP&iD, click an instrument bubble on the INP&ID drawing to view related data such as tag properties, datasheets, loop and segment drawings, panel strip wiring reports, HU installations, instrument and panel wiring photos, external documents (file server or DMS) such as control narratives, logic diagrams, cause and effect diagrams, etc. in INView.
    - From INView, click an instrument tag hotlink to open the P&ID drawing and zoom to the instrument to benefit from all INP&IDs advanced features.
  - **With SI/SPI**
    - Comparison **audit reports** between INP&ID drawing data and SPI drawing data are available to identify mismatched, missing or duplicated data.
  - **With SPP&ID**
    - Equipment, Line and Manual Valve properties data is obtained from SPP&ID.
    - Instrument, Equipment, Line and Piping Component browser data is obtained from SPP&ID.



SYSTEM REQUIREMENTS

SERVER:

- Windows Server 2016, 2019, 2022; 64-bit
- ,Net v10 and ASP.NET Core Runtime v10.0
- IIS v10
- SSL Certificate
- MS Visual C++ Runtime
- PDF Reader

CLIENT:

- Windows v10 or v11, iOS, Android
- Microsoft Edge , Google Chrome or Safari
- PDF Reader
- Microsoft Excel

MORE WISETOOLS PRODUCTIVITY TOOLS

- INView
- INAPI
- INAuditPro
- INTurnover

WISETOOLS SOLUTIONS

- SPI Consulting
- SPI Data Migration
- SPI Data Merging
- SPI Database Audits
- SPI Project Turnover Audits
- SPI Document Conversion
- Wisetools Product Training
- Custom Programming

For more information on any of our products or services, please visit us at: www.wisetools.ca

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