



P&IDManager[®]

Innovation Industry 4.0

Process & Instrumentation Diagram Manager

Manage your process.

Central data acquisition, organization,
monitoring and evaluation of data.



XAPI P&IDManager is a universal web-based work platform for the central recording, processing as well as complete and forgery-proof logging of process data (e.g. identifications tags (P&IDs) for devices, machines, MRS functions) and other list documents (e.g. additional information such as measurement, control and regulatory tasks) to support fast and complete project handling. The web portal presents all information for an entire project process in a simple and clear way.

COOPERATION IN REAL TIME

Users can easily work on projects anywhere in the world, independent of time and across multiple plants. This ensures an interactive and fast acting beyond the company boundaries. The platform offers fast access to all modules. Project and document information are available here just as quickly and clearly as necessary change and release processes.

The result is: high requirements are minimized, the exchange of needs-based information is accelerated and the time-consuming correspondence is eliminated with the result of an even closer cooperation between customer, project office and supplier. A comprehensive optimization of the entire project execution is achieved.

TRANSPARENCY AND UP-TO-DATENESS

With **XAPI P&IDManager** workflows are ideally networked and manufacturing processes optimized. On the basis of the stored data, potential for improvement can be uncovered and engineering processes continuously adapted. The simple visual and structured presentation of the collected data, the consideration of the data history, as well as the intuitive operation of the web software always ensures a lasting transparency in the manufacturing process. Along the entire plant lifecycle, project members in the areas of sales, design, procurement, assembly, commissioning and operation will always receive needs-based and consistent information. Despite the participation of various groups of people in the projects, media breaks are eliminated, internal communication is improved and time-consuming coordination processes are eliminated.

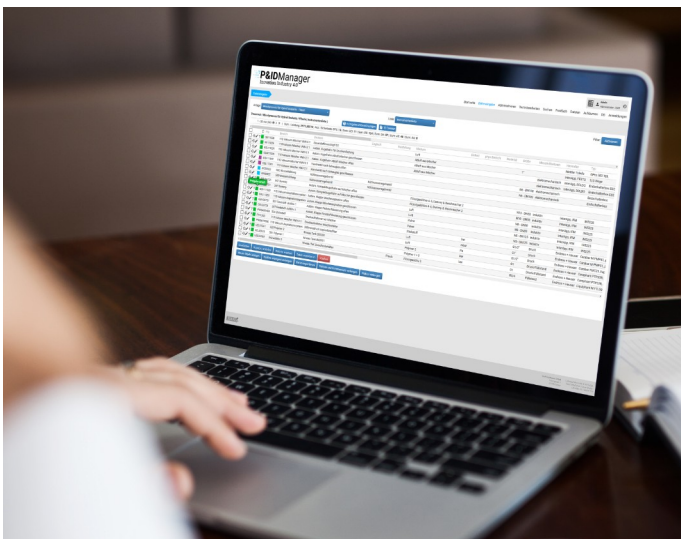
FEATURES

XAPI P&IDManager offers a large number of functions for process data monitoring, system documents, machine control and organization:

- A **QUICK and EASY OVERVIEW** of the plants, list documents, contributors and their activities (**ACTIVITY HISTORY**).
- **CREATING, EDITING, MANAGING DATA** in accordance with **DIN STANDARDS of Process Technology (PIDs)** with color-coded status information.
- A **SELECTION, SEARCH, COPY and FILTER FUNCTION** for list element/lists (e.g. component, instrument, motor lists) as well as a history overview – **REVISIONS MANAGEMENT**.
- A bidirectional data exchange (**EXPORT / IMPORT**): Creating of CSV / MS Excel reports.
- **Inserting NOTES / COMMENTS**.
- **Inserting IMAGES, VIDEOS, TECHNICAL DRAWINGS, own FILES**.
- A **STRUCTURED ILLUSTRATION of the data**: ordered by factory, control system, plant and areas, including detailed information enables easy navigation and easy visualization.
- The **REPORTING MECHANISM** enables a timely notification (by mail or internal mailbox) (**WARNING SYSTEM**).
- The **simple USER MANAGEMENT** allows a customized setting for access to the user interface, system documents, parameterization and configuration.

PURPOSE / BENEFIT

- A simple tool for **DATA MANAGEMENT** and **REPORTING**.
- To **OPTIMIZE COMMUNICATION**: distributed teams will be able to collaborate in **real time**. Information is exchanged and shared. An interactive and fast acting beyond the company boundaries is always guaranteed.
- **Easy sharing of data and documents**: Project teams work location-independently on one database on different end devices. The data is backed up in an SQL database on an IT outsourcing computer - **CLOUD COMPUTING**.
- **LONG-TERM DOCUMENTATION** of **machine** and **plant data** and **TRACKING** in the database, continuous data flow and optimal data availability are available to support companies using the **World Class Manufacturing (WCM)** methods.
- A **fine-grained RIGHT MANAGEMENT** enables cooperation across company boundaries and thus maximum transparency in complex organizational structures.
- **EASY TO USE and MENU NAVIGATION**: with 1-click operation, all process data becomes visible. This saves training and manuals and contributes to a high level of acceptance.
- A **MULTILINGUAL opportunity** for global engineering and international teams.



TECHNOLOGY

- The **CENTRAL INFRASTRUCTURE** enables low hardware, installation, maintenance, support and license costs.
- Server license for one plant or factory or company, connection via standardized interfaces.
- The operation is done with standard browser (without Java applet).
- Software documents and data are in the cloud.

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Contact us, we will inform and advise you!

