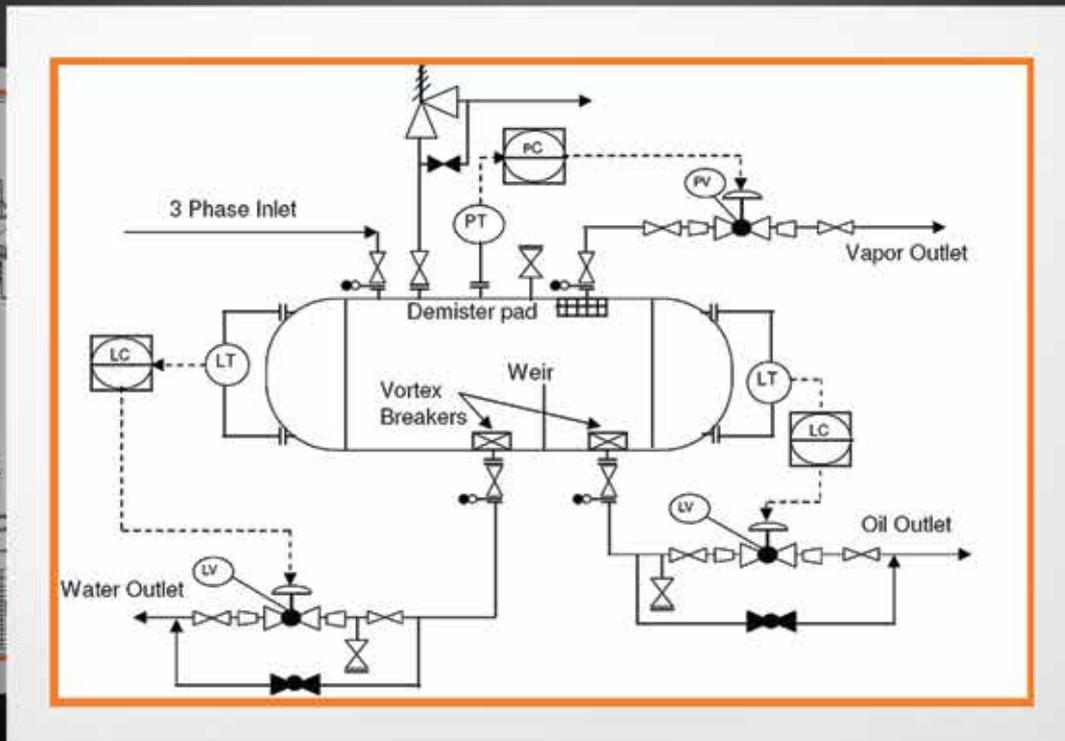


# SolidPlant P&ID

Route it your way,  
Smarter !!!



## How SolidPlant P&ID works Smarter for you.



### Start Easier. Run Better. Finish Smarter.

With simple reporting, editing, sharing, validation, and exchange of design information, SolidPlant P&ID application helps your projects start easier, run better, and finish smarter.

#### Familiar to designers and engineers.

Using the intuitive interface and standard 2D-based functionality, any 2D platform-trained professional can start using SolidPlant P&ID right away.

#### Easy to use and saves time.

Developed specifically for P&ID designers and engineers, SolidPlant P&ID includes a collection of tools to automate and simplify many of the detailed design and editing tasks performed every day.

#### Keeps project information accurate and accessible.

Whether you need to generate in-drawing reports or export information across an entire project, SolidPlant P&ID includes many features to support fast, accurate completion of each step, while ensuring data integrity in the face of constant design changes and modifications.

### Create, modify, and manage piping and instrumentation diagrams with SolidPlant P&ID.

Built on the latest 2D platform, SolidPlant P&ID Interface is easy to use and familiar to designers and engineers, so your design team can start immediately with minimal training. Everyday tasks are streamlined and automated to boost productivity, while component and line information is easily accessed as you work.

**SolidPlant P&ID** with **SolidPlant 3D** makes creating and designing your Project easy and efficient, offering many benefits to EPC's and Owner Operators.

#### Project Manager

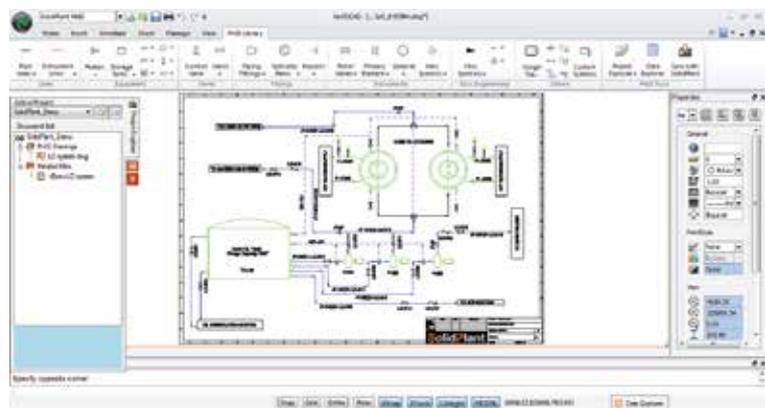
Easily set up projects and preview drawings with straightforward organization and management of DWG files.

#### Data Manager

Sort and organize underlying P&ID data for easy referencing and see specific information in the context of the drawing.

#### Symbol Libraries

Place snap-to industry-standard symbols (PIP, ISA, JIS, and ISO/DIN), as well as symbols customized for specific company or client needs directly into drawings.



SolidPlant P&ID is built on the familiar 2D platform.

# SolidPlant P&ID

## Dynamic Lines and Components

Lines and components are dynamic with SolidPlant P&ID. Reduce manual breaking and mending of lines with intuitive grip editing and manipulation. Create, move, and snap lines into equipment. Lines automatically break, maintain flow direction, and attach to components that are inserted on, or attached to, the line. When a component is removed, lines mend automatically. Quickly move and snap components with dynamically linked properties and information in place without the burden of manually editing underlying data.



The Data Manager makes P&ID information readily accessible for referencing and editing.

## Tagging and Annotations

Easily create, edit, and customize tags and annotations in industry-standard formats. Simply click on the Equipment's, lines or component you can manage the tag.

## Tag Register

SolidPlant P&ID is a Database driven engine which maintains a registry of unique tag numbers, whether in single-user mode or a network environment. The system automatically alerts you when duplicate tag numbers are encountered and alerts you to the problem.

## Data Management and Reporting

Easily report, edit, exchange, and share project engineering information, and know the impact of external data updates for better management. Export data directly to SolidPlant or into drawing data tables as well as various file formats such as Microsoft® Excel® software. Quickly sort and organize information for easy referencing. Enhanced change management, viewing, and editing functionality help ensure that nothing slips through the cracks.

Line Number	Tag	Description	Unit	Material	Diameter	Length	Volume	Weight
300-PAC-001-000-010	TA01	TA01	TA01	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-020	TA02	TA02	TA02	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-030	TA03	TA03	TA03	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-040	TA04	TA04	TA04	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-050	TA05	TA05	TA05	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-060	TA06	TA06	TA06	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-070	TA07	TA07	TA07	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-080	TA08	TA08	TA08	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-090	TA09	TA09	TA09	PAC-001	300mm	1000m	0.000	0.000
300-PAC-001-000-100	TA10	TA10	TA10	PAC-001	300mm	1000m	0.000	0.000

There is a high level of repeated information on a P&ID drawing and with the capabilities of the SolidPlant P&ID Data Manager, speed and accuracy is increased. We can simply cut and paste information from component to component.

Using SolidPlant P&ID software means that you can make the schematics and drawings faster than ever before. Everything you need is included in the software. Being able to create reports means you can make purchasing lists so your suppliers can produce prices for the equipment you need much more quickly. This enables you to deliver your quotations much earlier than you could have before.



# Route it your way, Smarter !!!

## System requirements :

- OS : Microsoft Windows 7 (64 bit)
- Processor : Intel Core i3 or AMD with SSE2 support
- Memory : 4 GB minimum
- Disk Space : 10 GB minimum free hard disk space
- Video Card : 1 GB Microsoft OpenGL or Direct3D capable  
(\*SolidWorks Certified cards and drivers recommended)
- Software : SolidWorks 2013 Sp 2.0 or higher (64 bit)  
Microsoft Office 2007 (or Later)

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