



PSO – SmartPID™

The Future of AI in Process Safety Evaluation & Design



Integrate AI Into Your Process Safety Work

Process Safety Office® SmartPID™ is the foundation for integrating artificial intelligence into process safety evaluations, calculations, and design.

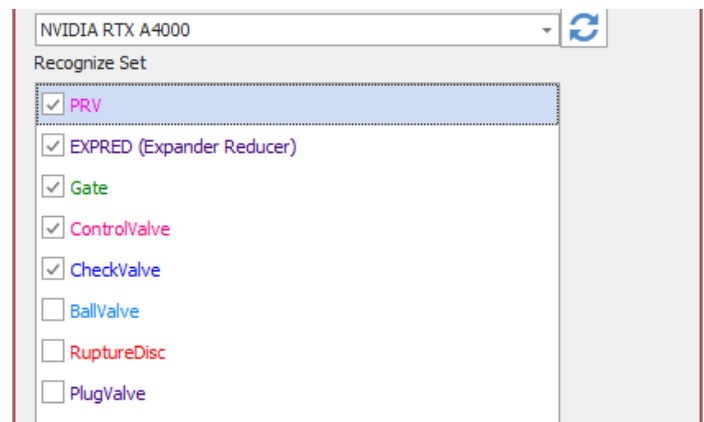
P&ID Review & DEXPI Export

- Reviewing hundreds or sometimes thousands of legacy P&IDs in a timely manner can present challenges. SmartPID™, powered by AI, improves productivity by delivering quick and accurate assistance.
- Bulk import your P&IDs of any quality, from high quality digital images, to scans of printed P&IDs.
- A single click launches the software, and results are produced displaying identified objects such as PRVs, rupture discs, and control valves, with more identifiable objects included in future releases.

Attribute	Value	Unit
FlowInPipingClassCode		
FlowOutPipingClassCode		
LocationRegistrationNumber	1953	
PositionNumber		
SetPressureHigh	2	bar
SetPressureLow	1.9	bar

Object: PRV
X: 1676
Y: 479

Export your results as a DEXPI-compliant file, which can then be further edited or imported into other software.



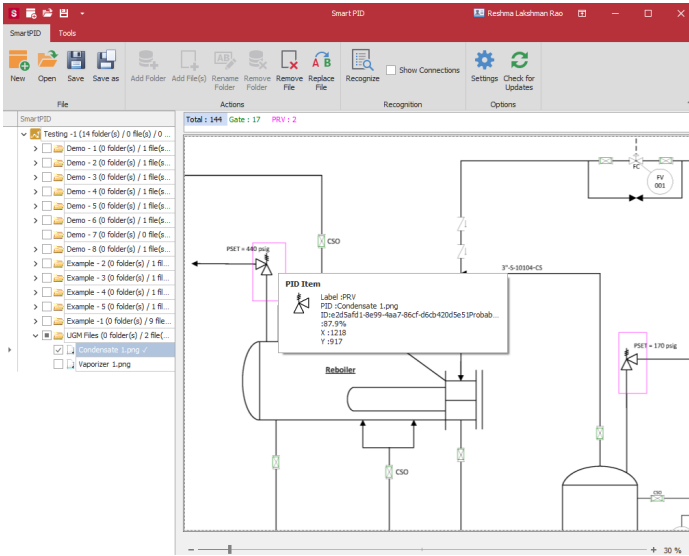
AI learns and improves as it is used. Have an unusual style of PRV on your P&ID? Once the information is pointed out to AI, it will learn and improve performance.

Continual Enhancement

- Integration with SuperChems™ — This is a planned future functionality. Automatically construct project files, object definitions, and scenario identification from your imported P&IDs. With only one click, generate your project scope and working files.
- Integration with Process Safety Enterprise® — This is a planned future functionality. Enhance your facility's stored data and safety workflows through artificial intelligence data mining.



“Artificial intelligence enhances process safety and produces a safer world for everyone.”



The user interface is modern and easy to use. Simply import the P&IDs, run the identification, and review the results.

FAQs

Who is the software intended for?

SmartPID™ was designed to help process safety and risk engineers with the fast, accurate identification of P&IDs and the automation of a variety of routine tasks.

How much training is typically involved?

Minimal training is required because our software is intuitive and easy to use.

What are the licensing terms?

SmartPID™ is now in pre-release stage, undergoing development and testing. Please contact our sales team for a free trial.

Technical and Customer Support

We provide technical support by phone or online. Visit our online support center anytime:

<https://support.iomosaic.com>

HOW DO I GET STARTED?

Learn first-hand how artificial intelligence will be utilized to revolutionize process safety. Ask for a demo or free trial today!

Call **1.844.ioMosaic** or visit **www.ioMosaic.com**

