HEXAGON
PPM

USER INTERACTION

Today's users expect a modern look and feel.

But more importantly, an interactive solution must be easily understandable by the engineers and designers using the software. This helps users to work as efficiently as possible without the confusion of too many options or complicated, IT-type terminology.

The latest version of Smart P&ID harmonizes the user experience across the different SmartPlant Engineering & Schematics solutions.

Another aspect of user interaction can be seen in Smart P&ID Automation. This powerful tool enables you to automatically create designs based on numerical inputs. For example, this has been done with power plant designs which were based on standard design components. The complete P&ID set was created overnight!

VALUE PROPOSITION

Gain value across the worlflow. Smart P&ID fits your workflow from front-end design all the way to operations and maintenance. Engineering is normally a process beginning with assumptions and ideas and ending in final and as-built design. Smart P&ID is designed to support this real world scenario.

Changes to the design basis can be quickly implemented in the project. Smart P&ID offers change control, giving you visual and report comparisons of different versions of a P&ID. With Smart P&ID, changes can also be compared to the Smart 3D model at any point in the project schedule. There is no need to wait until the final P&ID is done.

Smart P&ID offers significant and measurable benefits.

TASKS	LABOR HOURS	
	Without Smart P&ID*	With Smart P&ID*
Component take-off (1x)	40	1
Validation/checking (1x)	80	2
Making updates/changes	35	15
Design reuse (automate)	100	20
Change management	50	5
Design Reviews	30	20
Total Project	335	63

80% SAVINGS

*Rounded assumptions to indicate potential savings based on market inputs

ABOUT HEXAGON

Hexagon is a global leader in digital solutions that create Autonomous Connected Ecosystems (ACE), states where data is connected seamlessly through the convergence of the physical world with the digital, and intelligence is built in to all processes.

Hexagon's industry-specific solutions leverage domain expertise in sensor technologies, software, and data orchestration to create smart digital realities that improve productivity and quality across manufacturing, infrastructure, safety and mobility applications.

Hexagon's PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build, and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 19,000 employees in 50 countries and net sales of approximately 3.5bn EUR. Learn more at hexagon.com and follow us @HexagonAB.