



SMARTSKETCH® YOUR ENGINEERING COMPANION

SmartSketch® is a versatile and cost-effective precision engineering and drafting product. It gives EPCs and O/Os a competitive edge throughout the plant lifecycle by speeding productivity, cutting costs, and offering a sophisticated degree of automation for detail work. As an interlocking piece of Hexagon PPM's best-in-class lifecycle solution, SmartSketch is a premium tool for the drawing generation tasks inherent in your work process. You can also support Intergraph Smart® 3D drawing production and editing.

AUTOMATE PRODUCTION DESIGNS & DRAWINGS

SmartSketch provides powerful features such as parametrics and relationships that enable execution of design changes quickly and efficiently. SmartSketch automatically creates and maintains relationships between geometric elements and supports parametric graphics. For example, a baseline design can be made customer-specific by driving it from an external data source such as a spreadsheet that holds the dimensions for the specific case. This will update the drawing in a matter of seconds, using a proven and verified design basis to ensure quality.

CUT PRODUCTION TIME

Using SmartSketch, engineers and designers can create preliminary designs that draftsmen can easily detail and finalize, without the costly errors that frequently occur from misreading hand-drawn sketches. In addition, industry solutions in SmartSketch supply task- and application-specific

templates that set up appropriate units, drawing scales, borders, title blocks, toolbars, and more than 7,500 symbols specific to your discipline's work environment. Templates for the process, power, and marine industries include those for process flow and block diagrams, electrical schematics, and plot plans.

PRESERVE & ENHANCE LEGACY DATA

SmartSketch enables you to reference, combine, edit, and create MicroStation and AutoCAD® data. By maintaining MicroStation and AutoCAD element symbology, you can augment schematic workflows where expensive and high-powered CAD is impractical. SmartSketch supports DWG, DXF, and DGN data formats to protect your investment in legacy data. You can write to PDF format as well.

FIT YOUR WORK PROCESS

SmartSketch reduces costs to EPCs and plant owners in three ways. First, SmartSketch provides advanced design and drafting functionality at a fraction of the cost of traditional drafting packages. Second, SmartSketch easily integrates with corporate information, such as spreadsheets and other office tools, through its automation layer. Further, SmartSketch can be customized through programming to address your specific workflow. Finally, features that allow you to reuse data templates and easily update drawings help you avoid inconsistencies in your production drawing.

ADD VALUE THROUGHOUT YOUR PLANT

SmartSketch adds value throughout the entire plant by offering full functionality for all phases of the lifecycle. For example, SmartSketch can be used by engineering personnel in disciplines such as process design, power, electrical, structural, instrumentation, and HVAC.

