



## Integrate with all Leading Plant Design Systems

Piping fabricators can use Spoolgen in conjunction with all leading 3D plant design systems (including Intergraph Smart® 3D, PDS®, and CADWorx®; Aveva PDMS; and Bentley AutoPLANT and PlantSpace). Whatever system an EPC uses, Spoolgen can deliver the isometric drawings required for fabrication and erection.

## Projects without Isogen Data

You can work with Spoolgen even when isometrics are only available as PDFs or other hard copy. When you purchase a license of Spoolgen, you also receive a license of Intergraph Smart Isometrics, which is used to create new piping isometrics by rapidly re-drawing an existing isometric. Piping specifications and materials catalogs from a variety of plant design systems can be converted automatically to Smart Isometrics format, thus enabling piping isometrics available in paper copy only to be sketched and an electronic PCF produced. This means the same workflow can be used for both hardcopy and electronic projects.

## Visualize Piping Data in 3D

Interactively display the contents of pipeline data files (IDF/PCF) imported into Spoolgen as scaled 3D models. Any number of files can be visualized simultaneously to create a 3D model of the entire piping system.

## Interface Piping Data With Downstream IT Systems

Interface Spoolgen-generated piping report data with almost any downstream IT system, such as material control, procurement, workshop and weld management systems, Intergraph Smart® Materials, Oracle, SAP®, Microsoft Excel®- or Access®-based or other legacy systems using file-based reports or an API.

## Key Features

- Enables the addition of fabrication and erection information to piping isometrics from plant design systems
- Generates all necessary isometric drawings and material reports automatically
- Import data from line lists, spread sheets or databases
- Create custom scripts to automate common tasks
- Defines spools by the addition of field weld positions onscreen
- Enables you to add your own pipeline attribute data
- Enables the importing of piping data from leading plant design systems such as Smart 3D and PDS
- Delivers drawing output files in AutoCAD, MicroStation, or SmartSketch® format
- Allows engineers to use their own backing sheets
- Provides a range of dimensioning options – string, composite, overall, and to center or end of valves
- Supports optional output files, including material control, weld summary, spool information, cutting list, printed bill of materials, component traceability, bending control, drawing cross reference, and bulk material list
- Supports industry-standard drawing sizes that conform to ANSI, “A” series, or your custom size
- All versions of client files are stored, and different versions can be compared
- Automatically incorporate local changes when new isometrics are issued by the client
- Maintain consistent weld and spool numbering

## ABOUT HEXAGON

Hexagon is a global leader in digital solutions that create Autonomous Connected Ecosystems (ACE). Our industry-specific solutions 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 20,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at [hexagon.com](http://hexagon.com) and follow us @HexagonAB.