

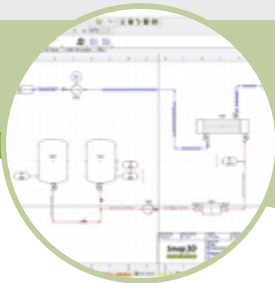
Fully integrated with

 **SOLIDWORKS**

 **Inventor**

 **SOLID EDGE**

Smap3D
DESIGNED FOR PRODUCTIVITY
PLANT DESIGN



Turnkey software solutions for the
engineering and fabrication of pipes

DESIGNED FOR PRODUCTIVITY

www.smap3d.com/en

Smap3D Plant Design

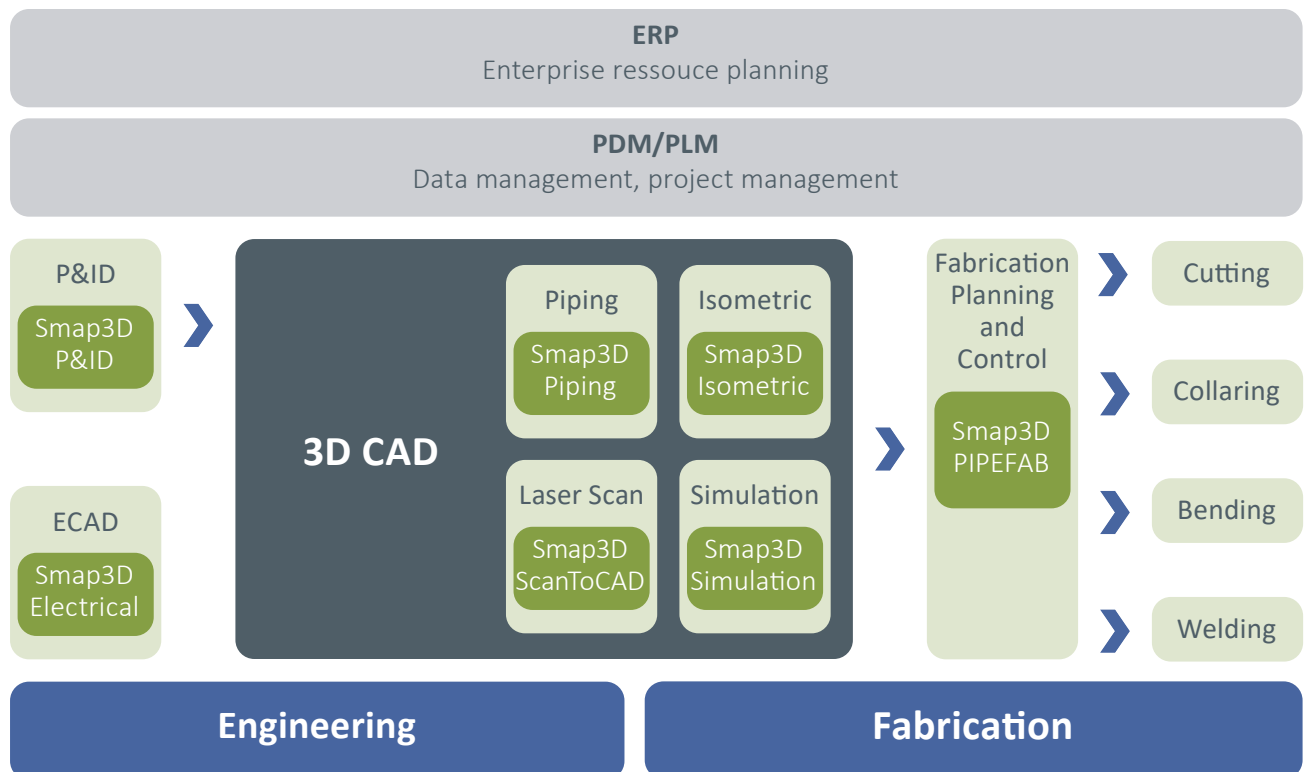
Smart 2D/3D plant and pipeline engineering

Smap3D Plant Design offers holistic software solutions for the engineering and fabrication of pipes. The software covers the entire process chain from process engineering (P&ID) through pipe design (3D Piping) including simulation and the derivation of isometrics through to fabrication planning and control with a high degree of automation. Thanks to in-depth partnerships, the connection to pipe production systems from well-known manufacturers

such as Pipe Bending Systems, T-Drill or Polysoude is extremely simple. The Smap3D engineering solutions are 100% integrated into the CAD systems SOLIDWORKS, Inventor and Solid Edge, thus enabling end-to-end engineering. Smap3D offers ScanToCAD, a 3D laser scanning solution for capturing and digitizing existing systems. The advanced and innovative ECAD software Smap3D Electrical complements the extensive Smap3D portfolio.

Consistent process reliability

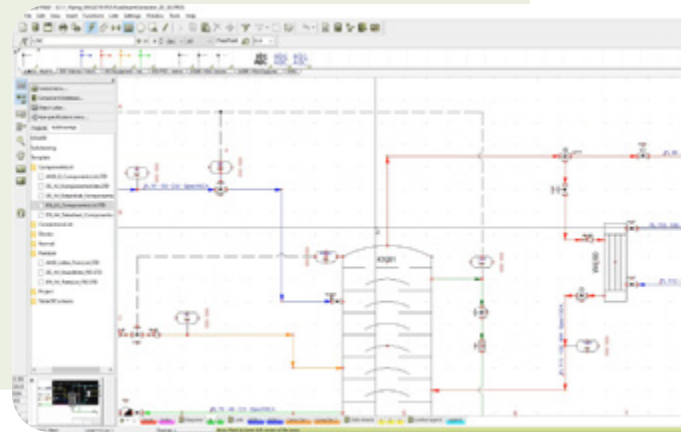
Optimize, network and accelerate engineering processes



Smapp3D P&ID

Intelligent application for process engineering

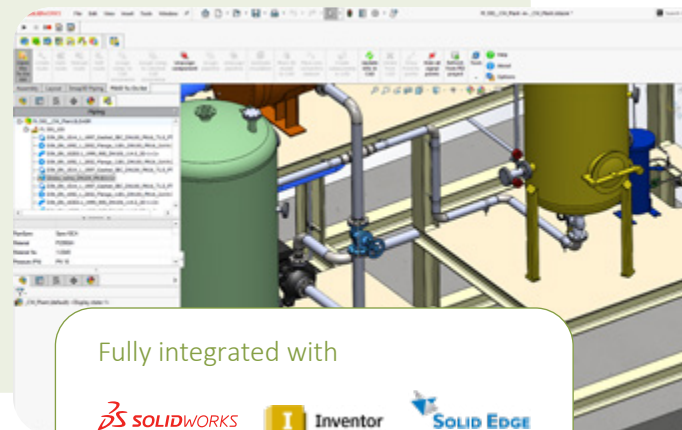
- Intelligent and powerful Standalone program
- Component database (MS SQL, Oracle, etc.)
- Extensive symbol library
(EN ISO 10628 / EN 62424 / ISA 5.1, 5.5)
- Automatic creation and plausibility checks
- List and report generator



Smapp3D Piping/ISO

Piping design directly in the 3D MCAD environment

- Direct use of P&ID definitions with the To-Do list
- Maximum automation through pipe classes
- Non-round cross-sections (cable trays, ventilation ducts)
- Drawing creation and BOMs with native CAD functions
- Additional intelligent functions
- Automatic isometric drawing creation with transfer of all attributes from the 3D pipelines



Fully integrated with



Smapp3D PIPEFAB

Solution for planning and control of the pipe fabrication

- Shorter throughput times thanks to dynamic production planning and set-up time optimization
- Perfect execution from the first pipe, resulting in the elimination of scrap (first pipe = good pipe)
- Efficient personnel and material planning
- Seamless documentation and traceability
- Realization of paperless production



Smap3D

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PLANT DESIGN




Experience end-to-end pipe engineering and fabrication live
Visit our „The Connected Pipeshop“ showroom

With „The Connected Pipeshop“ we have created a complete solution for pipe manufacturers and plant engineers that covers the entire process from engineering to the fabrication of pipes.

Let us convince you of this ingenious, unique solution: at a workshop in our showroom in Lennestadt, Germany. Experience the individual components and let us talk about how this solution can also be used profitably in your company. Please ask us for an appointment!



Social Media:

-  facebook.com/Smap3DPlantDesign
-  youtube.com/@Smap3DPlantDesign
-  linkedin.com/company/smap3d-plant-design

More Information: www.smap3d.com/en/news-events

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Europe and Africa

Smap3D Plant Design GmbH
Am Marktplatz 7
93152 Nittendorf
Germany

Phone: +49 9404 9639-10
info@smap3d.com

North and South America

Smap3D Plant Design, LLC.
260 Arbor Springs N Dr.
Newnan, GA 30265
USA

Phone: +1 408 484 6404
info@smap3d.com

Smap3D Plant Design needs no further system requirements. The recommended system requirements of the supporting CAD systems are sufficient.

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EN 06.2024 – Subject to change

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