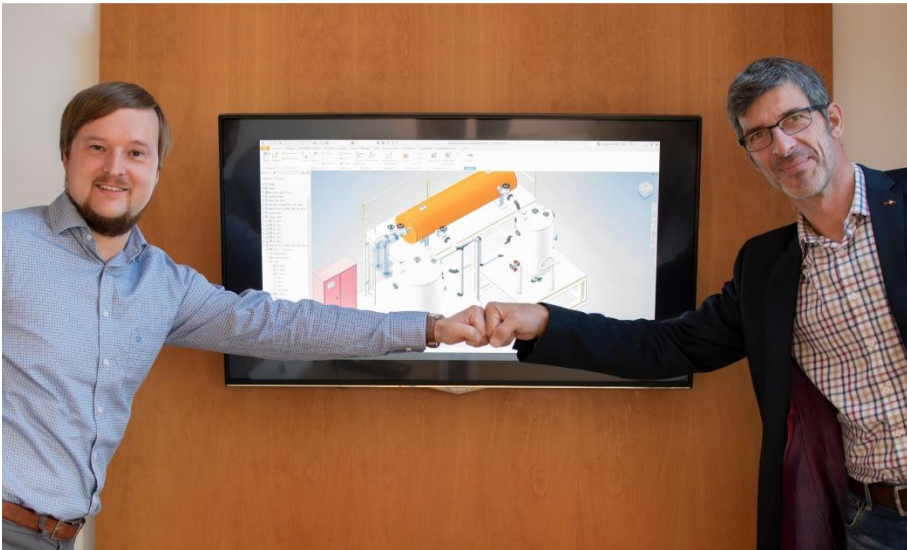


## Press release

### Integrated Plant and Piping Planning now also available for Autodesk Inventor



*Maxim Lich (left) from Smap3D Plant Design and Wolfgang Huber (right) from MuM are looking forward to the collaboration.*

*Nittendorf, 20.10.2021*

**Smap3D Plant Design is now offering its fully integrated, end-to-end solution for users of the CAD-software Autodesk Inventor. The fully-developed software package enables the user to create 2D flow-diagrams, plan 3D piping directly in CAD, simulate bendability, create isometric drawings and connect the production via MES.**

Smap3D Plant Design provides great solutions for plant engineers, especially for the creation of even complex pipelines for gasses, liquids and solid substances in machines. The proven and tested software is now available for design engineers using Autodesk Inventor. "After the success with our Solid Edge and Solidworks integrations it was a logical consequence to provide our end-to-end solution to users of Inventor, to enable a fully-integrated pipe planning with P&ID, 3D Piping and Isometrics" explained Maxim Lich, CEO of Smap3D Plant Design. The company has already gained a reputable sales partner for this solution: Mensch und Maschine Software SE (MuM) is Europe's largest Autodesk system house and already an Autodesk Platinum Partner. During the signing of the contract at the beginning of October, Wolfgang Huber pointed out the added values for

customers that arise through this cooperation: “We are delighted to extend our portfolio with the plant and pipe planning solution from Smap3D Plant Design. This software already has important industry-specific components, especially in the food, pharmaceutical, water and sanitation sectors. This facilitates the work of the engineer and saves time and money.”

Thanks to the multitude of available pipe classes from different industries, system libraries, standard parts libraries and internal plausibility tests, Smap3D Plant Design enables a high level of process and operation reliability and reduces the error rate considerably. In addition, the software can be flexibly adapted and expanded to the requirements of the company’s needs by means of (factory) standard parts that can be created individually.

Smap3D Plant Design integrates design and production and thus gives the necessary security for pipe production, which clearly optimizes and accelerates the entire process. For example, a feasibility test can already be performed during the design phase by means of integrated bending simulation and the relevant data can be transferred directly to production.

In addition, plant engineers have the possibility of acquiring only the necessary required tools: “The modules P&ID, 3D Piping or even the combination of 3D Piping and Isometric can be purchased separately. Through this modular concept, our solution is clearly more flexible and cost effective than other solutions currently available for Inventor,” Maxim Lich pointed out. There are also additional useful programs such as PartFactory, which permits the generation of 3D models from self-generated standard parts and the CAD administrator tool PartKeeper which enables a clear and transparent metadata management.

Complementary to the software, the company also provides support, trainings and maintenance services. A team of experienced and highly-skilled engineers from plant engineering are ready to assist Inventor customers from consultation and implementation to day-to-day operation. An e-learning academy will also complement the service portfolio of Smap3D Plant Design soon.

More information about Smap3D Plant Design for Inventor can be found under <https://www.smap3d.com/en/cad-integrations/inventor>.

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### **About Smap3D Plant Design**

Smap3D Plant Design is developer of the eponymous software solution for 2D/3D plant and pipeline planning, which is integrated 100% in the CAD solutions Solid Edge, SOLIDWORKS and Inventor and in use worldwide. In addition, the company offers further solutions, e.g. for steel construction and bending simulation. Smap3D Plant Design is headquartered in Germany and has offices in the USA, Hong Kong and China. It is characterized by many years of expertise in plant design and holistic user support. The team assists customers and partners in consulting, implementation, training and support. The software's integrated design process – from P&ID to Piping to Isometric – convinces companies from different branches such as plant and mechanical engineering, process industry (e.g. pharmaceutical, food or beverage industry) or environmental and water technology.

### **Website**

[www.smap3d.com/en](http://www.smap3d.com/en)

### **Social Networks**

[facebook.com/Smap3DPlantDesign](https://facebook.com/Smap3DPlantDesign)

[twitter.com/CAD\\_PlantDesign](https://twitter.com/CAD_PlantDesign)

[youtube.com/c/Smap3DPlantDesign1](https://youtube.com/c/Smap3DPlantDesign1)

[linkedin.com/showcase/smap3d-plant-design/](https://linkedin.com/showcase/smap3d-plant-design/)

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