

Formnext 2022 | Hall 12.1 | Booth D119

## Siemens and GENERA jointly accelerate the transformation to industrial serial applications in the field of additive manufacturing via digital light processing

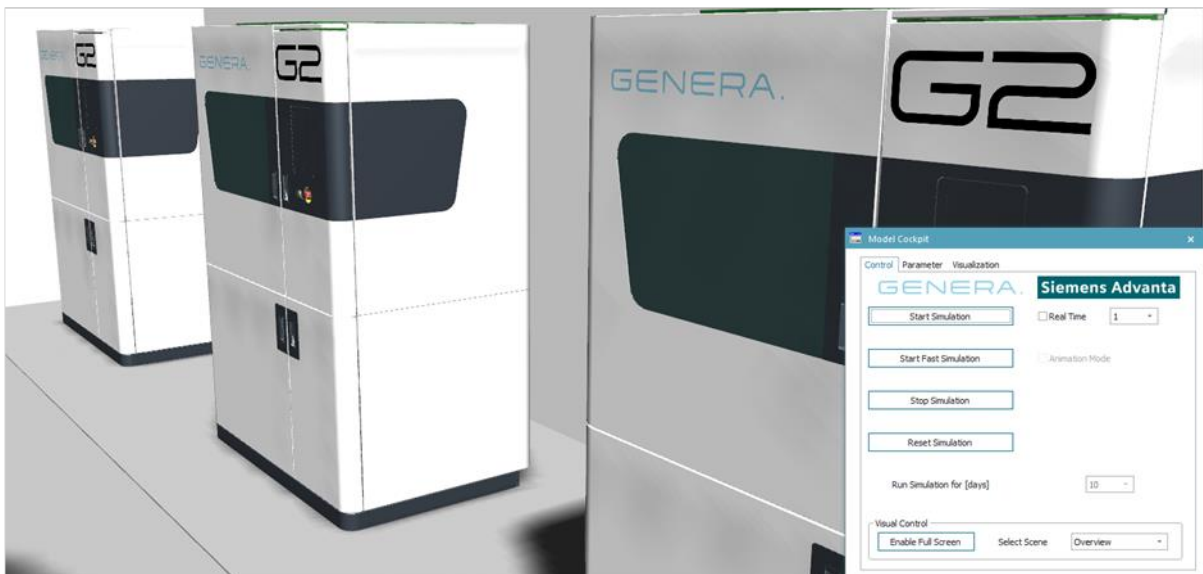
- **Siemens and GENERA join forces to industrialize the AM technology Digital Light Processing (DLP) from single machines to factory solutions**
- **Siemens' portfolio of IoT-enabled hardware, software and digital services will further propel GENERA's fully automated clean DLP technology**

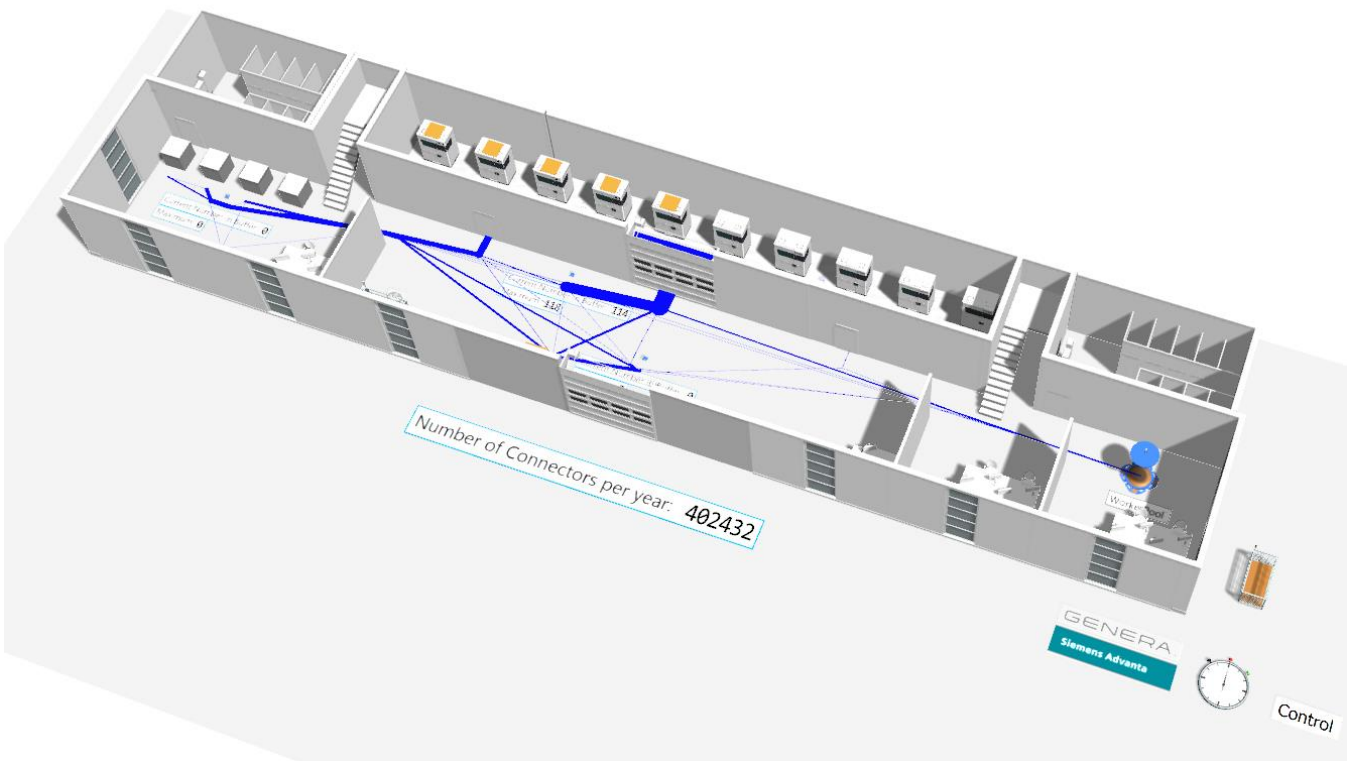
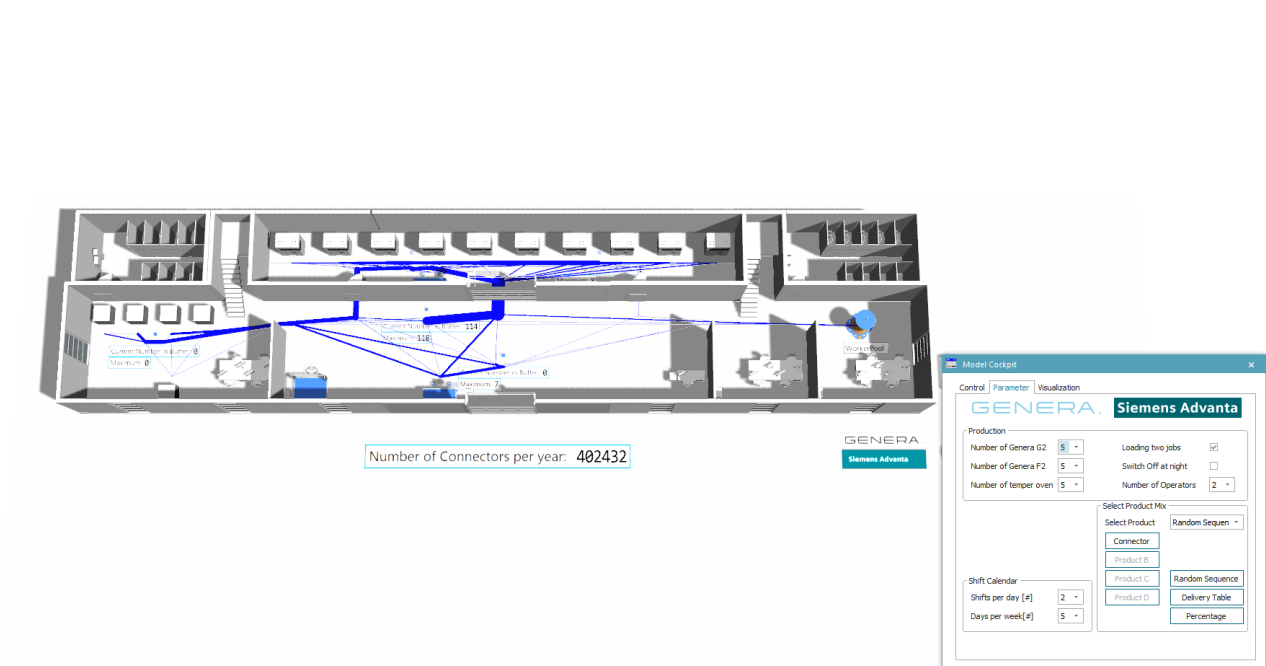
GENERA, a global leader in highly automated resin based additive manufacturing technologies, and Siemens are cooperating in a comprehensive partnership. The aim is to accelerate the adoption of the Digital Light Processing Technology for large-scale production of industrial applications. The sweeping collaboration will touch many aspects of GENERA's business and is going to benefit end-users in a variety of ways. The cooperation involves the integration of Siemens technology in GENERA digital light processing systems, including operational technology, information technology, and automation. In addition, GENERA digital light processing solutions will be fully integrated into Siemens simulation and planning tools for factory design. For example, Siemens Digital Twin tools are now used to simulate all combinations of the GENERA print and post processing machines G2 and F2 and global plant planning, enabling fast and reliable decisions for factory planning. The two companies will also be working on specific industrial-scale projects involving data handling and environmental, health and safety topics. For example, both companies work on designing the clean and safe large-scale production of electronic plug-in connectors made with a recently approved innovative UL 94 V-0 photoresin from specialty chemicals company ALTANA. This first prototype in a series of flame-retardant materials can also be post-processed with demineralized water instead of potentially environmentally harmful solvent-based

washing fluids. “We are proud of our partnership with Siemens to enhance the integration of our innovative and unique additive manufacturing production process for industrial applications. With the help of simulations, our customers can now precisely determine the costs of the components and the output of our systems and carry out well-founded and comprehensive production planning. This gives our customers security in the use of our technology and clearly shows the advantages and cost-effectiveness of our process”, explains Dr. Klaus Stadlmann, Founder and CEO of GENERA. Siemens and GENERA will work together to promote the benefits of GENERA`s digital light processing technology as fully automated key technology solution for industrial applications. "Digital Light Processing has a huge potential for clean and safe production of industrial products. Compared to many other AM technologies it demands less energy for operation which is beneficial for the users and helps to accelerate its use in various industry branches. We are proud to collaborate with GENERA on industrialization of this technology”, says Dr. Sonja Wolfrum, Senior Key Expert Additive Manufacturing at Siemens Digital Industries.

Both companies will present the first results of their cooperation at Formnext:

- Siemens: Hall 12.1 Booth D119
- Genera: Hall 12.1 Booth C109
- Altana: Hall 12.1 Booth G99





Tecnomatix Simulation to design the clean and safe large-scale production of plug-in connectors with GENERA's DLP technology.

This press release and press pictures are available at <https://sie.ag/3Ehpbsd>

Further information on Siemens at Formnext 2022 at [www.siemens.com/press/formnext22](http://www.siemens.com/press/formnext22) and [www.siemens.com/formnext](http://www.siemens.com/formnext)

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