

Formnext 2023, Hall 12.1 | Booth D119

Castor, EOS, and AMbitious expand Siemens' additive manufacturing offering on Siemens Xcelerator Marketplace

- **Siemens is expanding its ecosystem and is for the first time offering its partners' solutions specifically designed for additive manufacturing on the Siemens Xcelerator Marketplace**
- **Castor, EOS, and AMbitious are the first partner offerings that complement the Siemens solutions; they're appropriate for users entering the field of additive manufacturing**
- **Accelerate the industrialization of AM with Siemens Xcelerator and easy-to-use, interoperable, and end-to-end ecosystem solutions**

Over the last few years, Siemens has successfully built an ecosystem that encompasses numerous partnerships along the entire value chain for the industrialization of additive manufacturing. This includes more than 110 machine manufacturing companies that produce the highest-quality components based on Siemens automation as well as leading producers offering integrated software solutions.

At Formnext 2023, Siemens is taking the logical next step and offering partner solutions for additive manufacturing on the Siemens Xcelerator Marketplace that seamlessly complement Siemens' solutions and deliver value-add services for customers based on them. Castor, EOS, and AMbitious are the first three partners to join the Siemens Xcelerator Marketplace with solutions for all aspects of industrial 3D printing. The Siemens Xcelerator open digital business platform is a powerful ecosystem of partners working together to accelerate the industrialization of AM through digital transformation. The Xcelerator offerings are complemented by the

Siemens portfolio of curated software and IoT-enabled hardware and services that enable interoperability and easy integration and maintenance of customer operations.

The offerings from the first AM Marketplace participants provide a variety of solutions that reinforce the Siemens trade show motto “Let's advance manufacturing” – from identifying printable components by the PLM system Teamcenter and calculating a solutions' carbon footprint for a quick assessment of its sustainability to comprehensive training and support for an AM producer. With scalable solutions for a wide range of vertical industries, Siemens will consistently expand the open Marketplace offering to complement its own solutions.

Search the entire parts database for AM potential with Castor

Castor's cloud-based and on-premises software technically and economically analyzes parts in the existing discrete manufacturing product design and identifies those that are suitable for additive manufacturing. The software also evaluates materials and technologies that would be most appropriate for the part in question. When a part is identified as a candidate for additive manufacturing, the software then calculates the financial break-even point of additive manufacturing versus traditional manufacturing. The software integrates seamlessly with common PLM systems like Siemens Teamcenter.

Understanding and reducing the carbon footprint with EOS

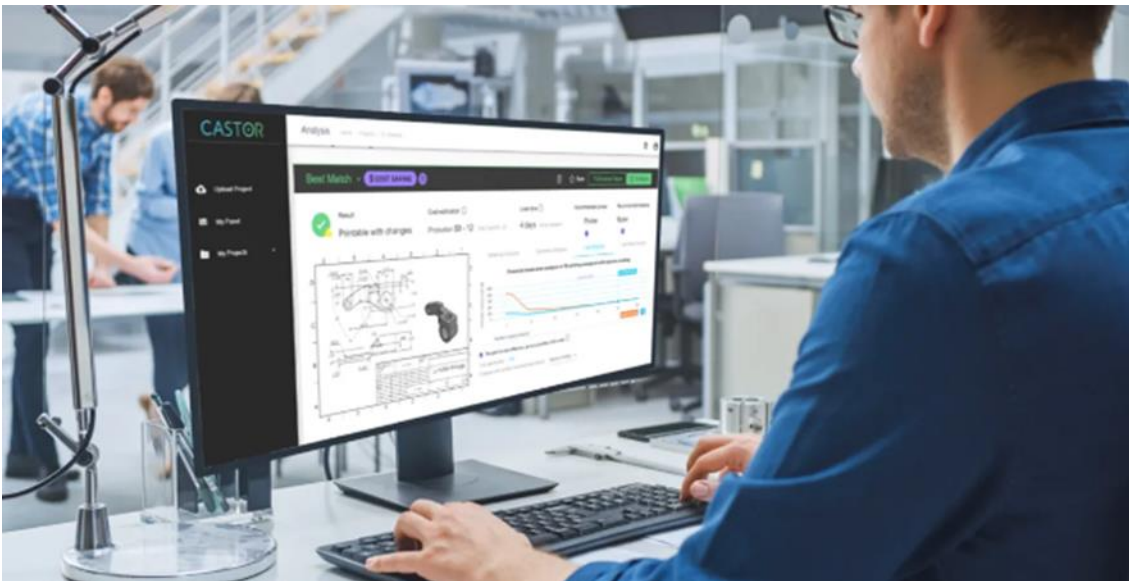
With the EOS Carbon Calculator, EOS offers a tool that enables AM users to understand the impact of the production process and the selection of different materials on the end-product's carbon footprint. The software performs a transparent CO₂e analysis and provides information on levers for reducing it throughout the AM process. The Calculator's data-driven product design allows CO₂e targets to be easily defined and adjusted.

Improve your own (additive) manufacturing with AMbitious

AMbitious powered by Toolcraft bundles the many years of experience of the AM experts at Toolcraft AG. The offering includes a wide range of support solutions: In addition to comprehensive technology consulting and virtual VR training on powder bed-based additive manufacturing in metal, AMbitious also offers a maintenance app. The solution – which can be used as an app (Mendix-based) or as a Web-based

solution – generates real-time information that ensures optimal plant performance. This reduces scrap, rework, and costs.

All partner offerings are available at the following booths at the show – Siemens (12.1 | D119), Castor (12.1 | B133), EOS (11.1 | D41), and AMbitious (12.0 | E99) – and at www.siemens.com/additivemanufacturing.



Castor, EOS, and AMbitious are the first three partners to join the Siemens Xcelerator Marketplace with offerings for industrial 3D printing.

This press release and press pictures are available at <https://sie.ag/55aQxe>

For more information about Siemens at Formnext, see www.siemens.com/press/formnext23 and www.siemens.com/formnext

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Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and health care. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced health care, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of health care. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2022, which ended on September 30, 2022, the Siemens Group generated revenue of €72.0 billion and net income of €4.4 billion. As of September 30, 2022, the company employed around 311,000 people worldwide. Further information is available on the Internet at www.siemens.com.