



PTC Launches Creo 7.0 with Powerful Enhancements for Generative Design and Simulation-Driven Design

April 14, 2020

Creo 7.0's Capabilities Make Innovation Part of the Design Process

BOSTON--(BUSINESS WIRE)--Apr. 14, 2020-- PTC (NASDAQ: PTC) has launched the next generation of its Creo® 3D [computer-aided design](#) (CAD) software, [Creo 7.0](#). The software's new capabilities put the power of artificial intelligence (AI) at designers' fingertips, making simulation a seamless part of daily work.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20200414005857/en/>

"As a long-time Creo customer, we were excited to get early access to Creo 7.0," said Adrian Marshall, manager of computer-aided design in product development, Royal Enfield. "Creo has helped us revolutionize the way we develop, produce, and maintain our motorcycles. We are sure that Creo will continue to benefit our design process and enable us to deliver the best possible customer ownership experience."

To satisfy CAD consumers' most common use cases, PTC incorporated the following capabilities into the next-generation product:

- **Generative Design:** Incorporating [Frustum® generative design technology](#), Creo 7.0 enables designers to leverage the power of AI to quickly produce optimized designs based on their engineering requirements and manufacturing constraints.
- **Simulation-Driven Design:** Expanding upon PTC's strategic alliance with Ansys, Creo 7.0 introduces fluid flow analysis in [Creo Simulation Live](#) – a comprehensive, real-time simulation solution that allows designers to iterate faster, and design with more confidence.
- **Multibody Design:** Creo 7.0 introduces multibody design, a new set of design tools that enables users to complete many design tasks more efficiently while making their part design easier to manage, understand, and modify.
- **Additive Manufacturing:** Creo 7.0 provides enhanced [additive manufacturing](#) capabilities, including improved support for Stochastic and custom lattices, giving designers greater flexibility when creating lattice structures.
- **Core Product Enhancements:** As with every release, Creo 7.0 provides additional usability and productivity capabilities for all users, including enhanced draft capabilities, improvements to 2D mirror functionality, and multiple user interface improvements to the Sketcher™ tool.

Creo helps designers build better products faster by facilitating product innovation, fostering design reuse, and replacing assumptions with facts. Designers can go from the earliest phases of product design to a smart, connected product all within a single environment.

"Creo 7.0 is one of our most innovation-rich releases yet, allowing customers to leverage Frustum's amazing generative design technology and an enhanced Ansys-powered Creo Simulation Live with real-time fluid-flow analysis," said Brian Thompson, divisional vice president and general manager, CAD, PTC. "Creo 7.0 makes emerging technology a part of our customers' everyday design workflows, helping to transform their digital product development processes."

The Creo 7.0 launch follows [PTC's recent acquisition of Onshape](#), developer of the [Onshape®](#) Software-as-a-Service (SaaS) product development platform, demonstrating the company's deep commitment to providing innovative technology – via multiple delivery models – to drive business value.

Creo 7.0 is available worldwide today, April 14, 2020.

About PTC (NASDAQ: PTC)

PTC enables global manufacturers to realize double-digit impact with software solutions that enable them to accelerate product and service innovation, improve operational efficiency, and increase workforce productivity. In combination with an extensive partner network, PTC provides customers flexibility in how its technology can be deployed to drive digital transformation – on premises, in the cloud, or via its pure SaaS platform. At PTC, we don't just imagine a better world, we enable it.

[PTC.com](#) @PTC Blogs

PTC, Creo, Frustum, Sketcher, Onshape, and the PTC logo are trademarks or registered trademarks of PTC Inc. and/or its subsidiaries in the United States and other countries.

View source version on [businesswire.com](https://www.businesswire.com/news/home/20200414005857/en/): <https://www.businesswire.com/news/home/20200414005857/en/>

PTC
Corporate Communications
Jack McAvoy

jncavoy@ptc.com

Source: PTC