

Daimler Truck adopts Siemens' Xcelerator to shape the future of CO₂-neutral transport

- **Daimler Truck deploys Siemens' Simcenter STAR-CCM+ multiphysics CFD software to optimize aerodynamics and thermal management of next generation vehicles**
- **Daimler Truck to partner with Siemens to train their next generation of engineers and maintain technology leadership in the market**

Siemens Digital Industries Software today announced that Daimler Truck has adopted Siemens' Simcenter™ STAR-CCM+™ software to develop next-generation, CO₂-neutral vehicles. Simcenter, part of Siemens' Xcelerator portfolio, will provide Daimler Truck with the leading-edge computational fluid dynamics (CFD) solution it needs to transform its CAE development process to a full digital twin-driven multiphysics environment.

Daimler Truck plans to use Simcenter STAR-CCM+ to improve aerodynamic performance, as well as explore and optimize innovative e-mobility propulsion and energy management systems including battery cooling and hydrogen technology. The software will also help support legacy combustion engine and exhaust system design and associated CO₂ reduction.

In addition to software, Siemens and Daimler Truck are to partner in the training of young engineers to create the high-level simulation specialists that will assist in ensuring Daimler Truck maintain its leadership in the market.

"We are proud to have Daimler Truck as the newest member of our ever-expanding customer family," said Edwin Severijn, Sr. VP and General Manager, EMEA, Siemens Digital Industries Software. "Digitalization is critical to sustainable industrial innovation in the transportation sector and by providing insight into the real-world performance of products, Simcenter STAR-CCM+ can accelerate innovation for a better tomorrow."

Daimler Truck AG is the world's largest Truck and Bus producer, with industry leading positions in Europe, North America and Asia, and with more than 35 main locations around the globe. With more than 100,000 employees, it unites seven brands under one roof: Freightliner, Western Star, Thomas Built Buses, Mercedes-Benz, Setra, BharatBenz and FUSO.

Siemens Digital Industries Software is driving transformation to enable a digital enterprise where engineering, manufacturing and electronics design meet tomorrow. The [Xcelerator portfolio](#) helps companies of all sizes create and leverage digital twins that provide organizations with new insights, opportunities and levels of automation to drive innovation. For more information on Siemens Digital Industries Software products and services, visit [siemens.com/software](https://www.siemens.com/software) or follow us on [LinkedIn](#), [Twitter](#), [Facebook](#) and [Instagram](#). Siemens Digital Industries Software – Where today meets tomorrow.

Contact for journalists

Siemens Digital Industries Software PR Team

Email: press.software.sisw@siemens.com

Siemens Digital Industries (DI) is an innovation leader in automation and digitalization. Closely collaborating with partners and customers, DI drives the digital transformation in the process and discrete industries. With its Digital Enterprise portfolio, DI provides companies of all sizes with an end-to-end set of products, solutions and services to integrate and digitalize the entire value chain. Optimized for the specific needs of each industry, DI's unique portfolio supports customers to achieve greater productivity and flexibility. DI is constantly adding innovations to its portfolio to integrate cutting-edge future technologies. Siemens Digital Industries has its global headquarters in Nuremberg, Germany, and has around 76,000 employees internationally.

Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, 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 healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2021, which ended on September 30, 2021, the Siemens Group generated revenue of €62.3 billion and net income of €6.7 billion. As of September 30, 2021, the company had around 303,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

This document contains statements related to our future business and financial performance and future events or developments involving Siemens that may constitute forward-looking statements. These statements may be identified by words such as “expects,” “looks forward to,” “anticipates,” “intends,” “plans,” “believes,” “seeks,” “estimates,”

Note: A list of relevant Siemens trademarks can be found [here](#). Other trademarks belong to their respective owners.