

Press Release

Spare parts from the cloud: DB Schenker drives digital innovations for supply chains

First global logistics provider offering 3D printing and virtual warehouse • Supply of spare parts becomes faster, cheaper, and more sustainable • DB Schenker presents innovations at Product Show

Frankfurt, September 28th, 2022 – DB Schenker becomes a sustainable spare parts logistics pioneer. "We are the first global logistics provider to offer spare parts delivery via 3D printing. Products from our virtual warehouse are available in a very short time and are manufactured exactly where they are needed," said CEO of DB Schenker, Jochen Thewes, at the global organization's first Product Show conference.

The virtual warehouse lowers delivery costs, shortens delivery times, and protects the environment. "This exemplifies what the logistics of the future can do for customers. The aim is to avoid unnecessary warehousing and to make supply chains even more stable and flexible," says Thewes.

In the face of increasing challenges in global logistics, digital innovations such as spare parts deliveries via 3D printing create real added value for customers in many areas. "We want to shorten distances and at the same time keep products available faster and cheaper. To achieve this, we are fully committed to digital innovations," Thewes explained.

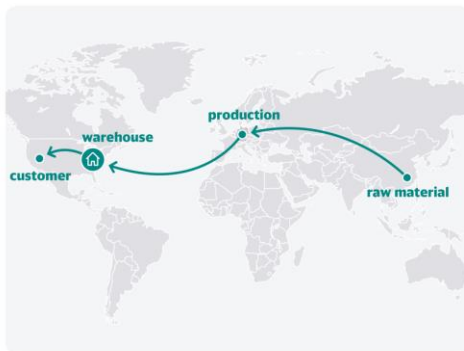
In pilot projects, DB Schenker has already successfully tested the virtual warehouse, designed for customers from the mechanical engineering, automotive, and rail transport markets. Parts such as handles, cladding, and housings were produced on demand close to the customer. Without pre-production and storage, on-demand production reduces capital commitment costs. The new Schenker service with a virtual warehouse is now being offered to a wide range of customers worldwide.

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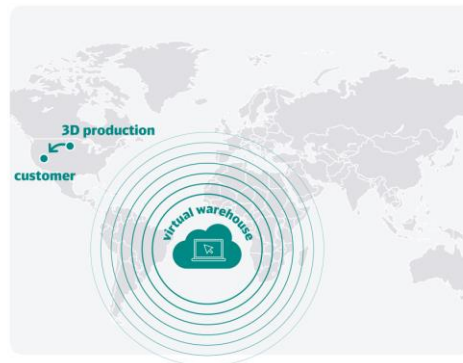
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Spare parts logistics

The conventional way



The digital way



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DB Schenker collaborates closely with Deutsche Bahn, which already has profound experience in 3D printing - with 80,000 parts manufactured from various materials and technologies. "According to our findings, up to ten percent of companies' inventories can be manufactured on site," said Thewes. Spare parts that are needed relatively infrequently and parts that have to be stored in large numbers due to high minimum purchase quantities are particularly suitable for 3D printing. The virtual storage of the components is done by the safe upload of the 3D blueprints in the cloud.

In addition to the new "On-Demand Production", DB Schenker presented numerous other innovations in Frankfurt, including the "Digital Control Tower" of land transport, which makes 9,000 consolidated transports across Europe traceable in real-time every day. DB Schenker's "Intercontinental Supply Chain Solutions" in air and ocean freight use artificial intelligence, real-time data, and interactive information platforms to make customers' supply chains more resilient and sustainable. In warehousing, DB Schenker relies on sensor technology to ensure the employees' healthcare during the pandemic, and inspections via data glasses to avoid travel and transport expenses.

Further information on the innovations and products presented can be found in the media package.

About DB Schenker

With around 76,100 employees at more than 1,850 locations in over 130 countries, DB Schenker is one of the world's leading logistics providers. The company operates

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land, air, and ocean transportation services, and it also offers comprehensive solutions for logistics and global supply chain management from a single source. In 2022, DB Schenker celebrates its 150th company anniversary. To reach its ambitious goal of climate-neutrality until 2040, the logistics service provider continuously invests in innovative transport solutions, renewable energies, and carbon-neutral products for its customers.

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