VOLVO

PRESSRELEASE

Integrated Volvo Co-Pilot wins Red Dot Design Award for seamless in-cab digital experience

Volvo Construction Equipment (Volvo CE) has won a Red Dot Design Award: Brands & Communication Design for Integrated Volvo Co-Pilot, recognizing its innovative approach to creating a seamless digital experience across its machine portfolio.



At the Red Dot Design Award Ceremony from left to right: Mikael Lundaby, Head of Experience Design at Volvo Group Design, David Stridsberg, Specialist UX Designer, Ida Hedman, Senior UX Designer, Andreas Erséus, Expert HMI Engineer and Tobias Göransson, Senior UX Designer.

The platform brings machine functions, communication, media and productivity tools together in one intuitive operator environment. Built on a shared digital foundation, it delivers a familiar way of working across Volvo CE's machine range, while adapting to the specific demands of different machines, applications and operators. This helps operators move between machine types with greater ease and confidence.



Integrated Volvo Co-Pilot is a key part of Volvo CE's seamless total offer, bringing together machines, digital services and productivity tools in a single operator experience. Machine functions, camera views, productivity tools, communication and media are integrated within one ecosystem rather than spread across multiple screens, buttons and add-on systems. For customers, this means the machine and the services that support productivity are one connected solution, designed together from the outset. By bringing machine controls, communication, media and productivity tools into a single ecosystem the platform reduces complexity, lowers cognitive load and helps operators focus on the task at hand.

Mikael Lundaby, Head of Experience Design at Volvo Group Design, said: "Great experience design is about making complex technology feel simple and intuitive for the people using it. Integrated Volvo Co-Pilot shows what we can achieve when design, engineering and machine platform teams come together around a shared vision, guided by insights from the operators themselves. This Red Dot Design Award recognizes not only the experience we've created, but also the years of collaboration, innovation and dedication behind it."

Consistent where it matters, tailored where it counts

A hauler, an excavator and a wheel loader do very different jobs, yet operators may work across them. Integrated Volvo Co-Pilot keeps the navigation, visual structure, interaction logic and common functions operators rely on consistent across the range. At the same time, contextual features and tailored work modes ensure each machine experience is optimized for its specific tasks, environments and workflows.

The result is a shorter learning curve, easier movement between machines and a more intuitive, self-explanatory operator experience. For fleet owners, that means less time spent on training and more time on productive work.



A combination of unified design and interaction pattern creates a consistent, intuitive, and seamless user experience.

Safety and productivity in one platform

The camera system is part of the platform, not an add-on. Safety is built into the user experience through contextual information, integrated camera views, and machine-specific widgets that help operators understand their surroundings and make confident decisions. The system automatically presents the right information at the right moment. On a hauler climbing a steep incline, where the operator sees mostly sky, the front cameras activate automatically to restore visibility over the crest. On excavators, Integrated Volvo Co-Pilot brings together information from Volvo Smart View and Obstacle Detection, helping operators maintain awareness of people and obstacles around the machine. Because the machine system and Co-Pilot now work as one, safety functions can act directly on the machine.



Productivity tools that turn insight into action

Whether monitoring payload, loading to the right weight, digging with centimeter precision with Dig Assist, relying on stability functions in demanding conditions or staying alert through boundary stop warnings, operators have the support they need in the same place as everything else. Screens are less cluttered, showing only what matters for the current task. By delivering the right information and actions in the right context, the platform reduces distraction and helps operators work more efficiently.

A decade in the making

Built on a scalable system architecture, the platform provides the foundation for future digital services, software-enabled functionality and connected solutions across Volvo CE's machine portfolio, allowing the operator experience to continuously evolve over the life of the machine. Operators can already experience Integrated Volvo Co-Pilot in the Volvo A50 articulated hauler, winner of the 2026 Red Dot Product Design Award.

Johanna Huggare, Head of Operator & Electronic Systems at Volvo CE, said: "Integrated Volvo Co-Pilot combines a consistent operator experience across Volvo CE's machine portfolio with the machine-specific functionality needed for different applications. That shared digital foundation makes it easier for operators to move between machines today, while enabling us to continuously enhance the experience through software updates in the future."

The original Volvo Co-Pilot was introduced at bauma 2016, winning the 'Most Innovative HMI Feature' award at that year's Car HMI Awards. Integrated Co-Pilot is the next step in that journey, bringing together Volvo CE's machine platforms, digital services and operator experience in one integrated system.

Bringing it to life has been a true cross-functional effort, built through close collaboration between Volvo CE, Volvo Group and CPAC Systems. By combining machine expertise, software development and user-centered design, the teams have created a consistent digital foundation that can scale across the portfolio while adapting to the unique requirements of each machine, application and operator.

This is just the beginning. Integrated Volvo Co-Pilot creates new opportunities to bring machines, connected services and productivity solutions closer together in one digital ecosystem. Built to evolve, the platform enables continuous improvements and new capabilities through over-the-air software updates, adapting to changing customer needs and unlocking new ways to support operators throughout the machine's lifetime.

About the Red Dot Design Award: Brands & Communication Design
The Red Dot Design Award is one of the world's largest and most recognized design competitions. Integrated Volvo Co-Pilot was recognized in the 2026 Red Dot Design Award: Brands & Communication Design by an independent verified international jury. The award was presented at the Red Dot Gala in Berlin on 6 November, 2026.

November, 2026

Journalists wanting further information, please contact:

Åsa Alström
Head of Brand, Marketing & Communication
Volvo Construction Equipment
asa.alstrom@volvo.com

For more information, please visit www.volvoce.com

For frequent updates, follow us on

LinkedIn: @Volvo Construction Equipment
X: @VolvoCEGlobal
Facebook: @VolvoCEGlobal
Instagram: @VolvoCE
YouTube: @Volvo Construction Equipment

Volvo Construction Equipment (Volvo CE) is a global leader in construction solutions, delivering premium products and services that combine power and performance with a more sustainable way of working. We are a company driven by people and together we have a purpose: To build the world we want to live in. Founded in 1832 and with a distribution network across every major market, our many dedicated experts around the world are fulfilling our shared purpose through a focus on sustainability, electromobility and services. As well as our expanding range of electric machines and charging solutions, Volvo CE provides industry-leading haulers, loaders, excavators and much more, all built to suit the demands of our customers' varied construction and infrastructure needs. Volvo CE benefits from being connected to the Volvo Group, which also offers trucks, buses, power solutions for marine and industrial applications, financing and services that increase our customers' uptime and productivity. Through its holistic perspective, Volvo Group is committed to shaping the future landscape of sustainable transport and infrastructure solutions. For further company information and to explore our values further please visit www.volvoce.com