

FORTACO

FORTACO SMARTCABIN

Fortaco's SmartCabin brings the automotive world to the off-highway industry.

SmartCabin combines cloud connectivity, infotainment, cabin controls, HVAC, camera systems, and monitors in one easy-to-use package.

Fortaco Cloud is a hardware agnostic system. It is transparent, secure, fully configurable and offers a freedom to select a hardware supplier, displays, wipers, lights, cameras etc.

Fortaco Cloud connectivity is the most flexible system available in the market.



AUTOMOTIVE STANDARD COMES TO OFF-HIGHWAY

Fortaco's SmartCabin system brings the comfort and convenience of the automotive world to the off-highway industry. Fortaco SmartCabin is equipped with state-of-the-art automotive technology combining cloud connectivity, infotainment, cabin controls, HVAC, camera systems, and monitors in one easy-to-use package. Fortaco is the first to offer a hardware-independent system in the market.

COMPLETE CABIN SYSTEMS FROM ONE RELIABLE PARTNER

Fortaco SmartCabin | Fortaco Cloud | I/O Modules & Services

R&D complexity reduction

Fortaco offers complete plug & play cabin sub-systems while a typical off-highway machine requires coding for 300 different functions and a substantial number of R&D efforts. Our cabin sub-systems include:

Lights • Wipers • HVAC • Media Access Control • Cameras & Vision Integration • Connection to Vehicle Control and ERP or TOS Systems

Cost reduction

A modern off-highway machine is equipped with many displays and electrical harnesses. Fortaco provides technology and integration of multiple displays, like cabin controls, cameras, and infotainment into one modern-looking display. Preparing to control various functions via CAN or a dedicated I/O unit offers a cost advantage over existing solutions.

Driver safety and visibility

Safety means detecting humans working around the vehicle, those who a driver might not otherwise see. The machine can maneuver in tight environments which speeds up the work. Cloud connection means, for example, that a supervisor can monitor how many hours a driver has worked. Service connection for the machine control system keeps tyres at the right pressure and oil changes are done on time.

After-sales boost

SmartCabin system offers full visibility into system components. A customer benefits from the online monitoring of components and gets automatic software updates in case of component replacement.

FORTACO CLOUD

Hardware agnostic system

Fortaco Cloud system is the only hardware-independent solution in the market. Our SmartCabin business model is based on system integration so moving to a different hardware platform is easy. You can adapt any hardware to our system. We offer not only a choice of functions but also the freedom of selecting a hardware supplier: displays, wipers, lights, and cameras.

Modularity and IoT

Our system is transparent, secure, and fully configurable. It offers 'a la carte' selection of different functions. The system is designed so that the modification of one function does not trigger changes in all modules. Over-the-air updates offer remote upgrade possibilities while maintaining the highest cyber security standards. Certification is ongoing for CRA/ IEC 62443-3-3 approval.



All of these things that you used to have to buy separately are now available in one package,”

Jussi Kangas

Director, Fortaco SystemTech





Fortaco is the leading full-solution provider for OEMs in the off-highway equipment industries. Pioneering the design and production of assemblies, cabins, steel fabrications, and zero emission solutions, we offer cutting-edge technology for enhanced productivity. We empower off-highway machines to use fossil-free steel and our customers to optimize their operations and move towards a greener future.

Collaborating with industry-leading OEMs, we specialize in full lifecycle solutions from research and technology to the design and production of their components and machines. Our innovative technologies extend to lightweight design, ensuring efficiency without compromising on durability and functionality.

We have operations in multiple business sites which enable flexible and reliable support for our customers.