

EAO Group

EAO HMI Systems for the Railway Industry

Solutions that Move People

Where people travel every day, safety, comfort and efficiency are key.

That's where EAO's HMI Systems come into play: we develop and manufacture customised human-machine interface solutions that set new standards in the railway industry – functional, compliant and intuitive to use.

We offer end-to-end consulting – providing comprehensive advice from concept and system design to prototype development, pilot production and full-series manufacturing. Our solutions are precisely tailored to your specific application.

Technology Meets Railway Expertise

Whether for passenger access systems, driver's cab panels, toilet facilities or for enhanced passenger convenience – each HMI System from EAO is developed in close collaboration with you. With many years of experience and broad technological expertise, we provide comprehensive advice, anticipate needs and combine components, materials and technologies into complete systems – to meet the specific requirements of your application. As your expert partner, we consider both functional and ergonomic requirements and ensure full compliance with all relevant national and international standards.

Our certified quality management according to ISO/TS 22163 (IRIS) and deep understanding of international standards such as TSI PRM, CE and ENEC ensure globally deployable systems that perform reliably – even in the most demanding environments.



Your Application, Our Solution

Our latest developments have led to the launch of a flexible, particularly energy-efficient seat reservation system that improves passenger flow, thanks to bright indicators that make it easy to find available or pre-reserved seats.

Further HMI Solutions, which enhance passenger comfort, are our charging solutions. The range includes both wireless chargers and standard USB-A or USB-C sockets and can be installed in different areas across the train to avoid 'low-battery anxiety' among the passengers.

You have another application that is not covered by these innovations? We will collaborate with you to develop your customised HMI panel – for passenger access, the driver's desk, toilet facilities or wherever interaction between people and trains is required.

EAO is your partner for reliable, intuitive HMI Solutions in the railway sector – find more information about our HMI Solutions at www.eao.com/hmis.

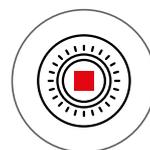
Railway HMI Solutions.

Intuitive, reliable and tailored – for every situation.



Driver's cab.

Control elements with convincing ergonomics.



Passenger access.

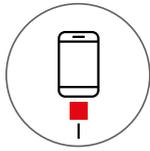
Systems for safe boarding and alighting.



EAO develops and produces high-quality HMI Solutions. *Whether it's a driver's other application, we provide a solution tailored to your individual needs. In development and ergonomic requirements – including market- and country-specific standards. production, to pilot series, to series production.*

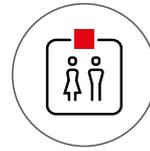


Read more about our expertise in HMI Solutions and discover your benefits at www.eao.com/hmis



Passenger convenience.

HMI's offering maximum comfort for pleasant journey.



Toilet facilities.

Intuitive and user-friendly operating systems.



*cab, passenger access system, passenger convenience or any
developing your HMI System, we take into account all functional
We provide comprehensive advice from concept, to prototype*