

► HMI OEM Products

Meeting market demands

However specific your requirements – whether for automation, mechanical and systems engineering, machines or automated systems or even for applications in medical or safety technology – we can supply you with semi- and fully customized systems for your control and visualization

applications. We will define and develop an industrial HMI system as a customized system solution that precisely meets your requirements. The HMI can be integrated directly into your installations and systems.



Quality and innovation

Our long-term OEM experience, which results from cooperation with companies from various industries, satisfying diverse application requirements, makes us a qualified engineering partner for high performance and reliable HMI systems.

Our systems offer high resilience, even in the toughest industrial environments. High shock and vibration resistance as well as extended temperature ranges and resistance to demanding EMC conditions are hallmarks of our systems.

Both as a supplier to end customers and as an OEM manufacturer we assume full system responsibility and guarantee long-term availability to allow you to concentrate on your own core competence. We set the highest quality standards for industrial requirements or sensitive demands in medical technology. Define your requirements. We'll be glad to show you a suitable certified reference application.

From mechanical construction to industrial design

We'll give your product a unique face. A user interface is an important visiting card for any OEM customer. Design, ergonomics and functionality shape images and promote sales. For instance we can offer various and individually customized faceplate colors, special housings and freely programmable function keys to meet your specific needs.

Software Competence

As an innovative technology company, we have made it our business to create an information network for our customers, complementing our own top-of-the-line technological performance and offering our customers added value. This network includes project partnerships with companies who also develop and offer superior products and services for their customers. For example, the control and visualization software used in Kontron's HMIs represents added value for our customers in terms of user friendliness and real-world solutions.





Certified reference application

Kontron has designed a rugged customized, EN 50155 certified HMI for public transportation applications. This panel withstands shock/vibrations, extreme temperatures and harsh environments and is based on the PowerPC MPC8245 (300 MHz) running under Linux + QT embedded, Photon, QNX or VxWorks.



Housing for customized solutions

- Modular system: The width and height dimensions of the housing are selectable
- 5 possible basic housing designs
- Particularly good heat dissipation due to single-wall profiles
- Internal mounting slots for simple fastening using spring nuts
- Standard protection type IP65
- cULus accredited
- Online Configurator on www.bernstein-ag.com

Customers with the highest demands are our best references

Some examples for our successful OEM applications:

- Industrial Automation
- Building Automation
- Medical
- Test and Measurement
- Communication
- Transportation
- Point of Sale/ Point of Interest

