

we invent solutions

we develop customized solutions from idea to production and beyond.

Project details: TOUCHSCORE - visualization device with APP

Industries

- Shooting Sports

Technology fields

- CAE, Bus Systems and Radio, Software Development, Intuitive Input Devices

Project requirements

- The aim of the project was the development of an HMI (Human Machine Interfaces), which handles display and control tasks for different systems. To ensure ease of use with high quality graphics, an APP-capable operating system based on Android (Linux is also possible) was developed. The operating system is fast and adapted to the smallest detail on the corporate design of the customer. Depending on your needs there are resistive as well as capacitive touch screens in different sizes. For example, 7", 10.4" 12.1" or 15". In the smaller 7" version, the display can be mounted directly on the electronics module (sandwich construction) and therefore it can be installed as a space-saving display group in a target device or a control cabinet. There are various interfaces (CAN, LAN, USB, RS-232, ...) available for the communication with periphery. Even external visualization devices can be connected via an HDMI interface. Acoustic signals can be output via a jack plug socket to speakers or headphones.



Facts / Highlights

- Compact size, good stand, VESA mountable
- Fanless and without cooling slots
- User-friendly operation through touch
- Flexible use through wide range of interfaces
- Fast adaptation to other fields of application possible

Services of KNESTEL

- Potential analysis, target price estimate, project management, specification of requirements, project planning, development of software and hardware, electrical and mechanical construction, EMC testing, prototyping, serial production

Possible applications

- All tools and machines, which require a control or display option.