



„A complete system to experience our whole range of products and services?

The development of our E-Butler.“

Our team managed to combine representative applications in a single device.

The E-Butler offers inspiring infotainment (and even allows you to order drinks).

**THE CHALLENGE**

As a highlight for future trade fairs, we wanted to present the range of our services and products as a system solution in a single device. In this way, the Elektrosil brand was to be physically experienced by interested parties and customers and also serve as an entry point for personal discussions at the stand.

**THE SOLUTIONS**

Our team first selected representative products that focused on characteristic product features, such as state-of-the-art technology or customisation in terms of size, colour and function.

The next step was to link all the selected products to create an overall system and to define a superordinate function: the E-Butler as an information terminal with which one can find out more about the installed products, but also about Elektrosil’s services and even print out an individual drinks order. A largely transparent housing allows a 360° view of all products; piezo buttons, smart switch and touch display are used for control while the user’s smartphone can be charged on the wireless charger.

Further important components of the overall system are the built-in power supply unit and the multitude of cables and connectors, which are presented in a specially designed „connector station“. Different cooling solutions ensure a regulated climate within the unit. The final programming and thus the integration of hardware and software of all components is realised via an embedded board.

**OUR STRENGTHS**

- Interdisciplinary know-how
- Customised solutions
- System integration
- Interface configuration
- Construction & Design
- Project Management

Are you also looking for a custom-fit solution for your system and a competent partner? Then give us a call: +49 40 840001-0.

**Project information**

- Client: internal project
- Product range: display & touch, drive technology, cooling solutions, power supply, thermal printer, smart switch, connection technology, keyboards, LEDs, system solutions
- Services: Product development, thermal simulation, acoustic measurements, design and manufacturing

**Elektrosil’s services**

- Application consultation, development assistance, design-in support
- Quality assurance
- Engineering and production
- Completely customised applications