HMI solutions for

Communications, Security and Defence

Developed for the field.
Proved for decades.

Made in Germany

DIN EN ISO 14001:2015
DIN EN ISO 9001:2015
DIN EN ISO 50001:2018

OUR EXPERTISE

For more than 40 years, we have been developing customized HMI solutions for manufacturers in the marine and defense industries. From rugged industrial keyboards and touchscreens to membrane and silicone keypads, we combine proven technologies to meet the demands of safety-critical and highly regulated environments.
With in-house engineering and manufacturing in Germany, we offer cost-effective solutions from single-unit production to large-scale manufacturing. Our lean production processes, including Kanban-based pull systems, ensure efficient workflows and reliable delivery.



INHOUSE PROTOTYPING AND MANUFACTURING



CERTIFIED QUALITYTESTING AND SERIES PRODUCTION



LONGTERM AFTERSALES AND LOCAL CONSULTING

WHY PRINTEC-DS?

Customized development
From concept to series production

Certified quality & processes
Durable products and sustainable processes

Direct supply
In-house Development & Manufacturing

Reliable series production
Long-term availability & short iteration cycles

Trusted partner
Experienced in highly regulated markets

PRINTEC DS
control touch trust

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Discover more HMI solutions.



“WE BUILD YOUR HMI SOLUTION.”

DESIGNED FOR HARSH ENVIROINMENTS

QUALITY & CONFIGURATIONS

- Customized material, programmable features
- Resistant against shocks & vibrations up to IK09
- Waterproof and dust-protected up to IP68
- Operable in temperatures from -30 - 60°C

AN INSIGHT INTO OUR PRODUCT RANGE

CUSTOM HMI: Silicone & membrane keypads

- Sealed custom designs
- From Prototyping to series-production
- Tested in military communication devices.



Rugged keyboards

- Advanced backlighting behind every keycap
- High switching reliability
- Ideal for intensive use in dark environments
- Various designs and force levels



Stainless steel keyboards

- Resistant against shocks & vibrations up to IK09
- Custom icons (laser engraved) and selectable color backlighting
- Integration into your machine design



Membrane keyboards

- Trackballs can be integrated
- Water- and steam-resistant versions up to protection class IP68
- Available in various shapes and sizes
- Integration into existing user interface



RoHs/REACH compliant keyboards developed for helicopters, armored vehicles, and mobile field units

IEC 60945 COMPLIANT

Corrosion- and saltwater-resistant, backlit keyboards for bridges, navigation rooms, and submersibles.

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