



**Medical & Healthcare  
Solutions**





## For us, high-tech is not just a buzzword but the basis of our success

Perfect functionality meets safe and hygienic operation: we manufacture individual system solutions for medical technology that not only meet the highest current quality standards, but are also perfectly tailored to your needs. Convince yourself of our medical solutions!



## Customizing options according to your needs

For applications in the field of medical and health technology, systems of the highest reliability, quality and performance are required. In our modular product concept, we combine all of our company's technology areas into one system. Thanks to modern display technologies, the latest embedded boards and controllers, innovative touch extensions and a wide range of housing variants, we offer you customized solutions from a single source that are perfectly tailored to your needs. On request, we can equip your individual display solution with additional features such as RFID, lighting concept for optical signalling, loudspeaker and ambient light sensor.

## Market-specific challenges

High resolutions, sharp contrasts, uncompromising cleanliness and maximum operating safety: the quality standards for products used in hygienically sensitive areas are high and require comprehensive expertise in technologies, materials and current medical standards. Thanks to perfectly coordinated hardware and software components, we meet these challenges with confidence and also find the right solution for your medical application!



## Our solutions at a glance



### Materials

- > ISO-certified components
- > Reinforced cover glass with various surface treatments
- > In-house gap fillig Process
- > Anti-microbial surface treatment



### Cleaning

- > Glass surfaces with good chemical resistance
- > Surface treatments such as anti-glare or fingerprint protection
- > High-quality IP protection for high hygienic requirements



### Operation

- > PCAP sensors and tuning for operation with gloves
- > Gesture control for touchless input
- > Voice control to interact without touching
- > Optical encoders



### Technologies

- > Latest embedded technology on ARM or X86 architecture
- > Camera-based facial recognition systems with state-of-the-art AI
- > Force technology for verification of touch events



- > MRI
- > CT
- > X-Ray
- > Ultrasound
- > Endoscopy
- > Patient Monitoring
- > Eye Laser
- > Heart Lung Machines
- > Defibrillator
- > Dental
- > Glucose Monitoring
- > Audiometry and Diagnostic
- > and many more

**We are certified according to DIN EN ISO 13485/2016** and thus proven to comply with the requirements for your medical products.

For further information contact your DATA MODUL sales partner or visit our website [www.data-modul.com/en/sectors-markets](http://www.data-modul.com/en/sectors-markets)



# DATA MODUL



DISPLAY



TOUCH



EMBEDDED



SYSTEMS

As a leading expert in the field of industrial display, touch and embedded technologies we design, develop and manufacture tailor-made system solutions at the highest level.

**DATA MODUL AG**

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