



Medical Technology Solutions



solsta.co.uk

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Solsta is a technical, franchised electronic component supplier serving the needs of the global Medical technology community in the UK and beyond.

We represent a modest number of suppliers who manufacture medical semiconductors, sensors, cameras, displays, and related electronic components and modules. We seek to understand their products in depth and to offer outstanding levels of commercial and technical support to our customers.

ISO13485 Certified UK Custom Design & Manufacturing Centre

Solsta's ISO 13485 certified design and manufacturing facilities deliver custom sensor assemblies and subsystems to some of the largest OEMs in the life science and defence industries. Our team provides robust engineered solutions, letting you focus on your core expertise.



Custom Sensor Solutions: Specialising in optical presence detection, spectroscopy, and environmental monitoring (temperature, pressure, humidity, flow)

Signal Interrogation: Advanced feedback loops for control of sample conditions

Comprehensive Support: Offering communications modules, driver electronics, battery solutions, and embedded displays

Focus on Innovation: Outsource your product engineering design and manufacturing to us, allowing your team to focus on your core IP



Scan to find out more



Custom Camera Cable Assemblies, OVMed ISP Boards and Imaging Sensors for Endoscopy Applications

Omnivision offers industry-leading digital imaging solutions across the spectrum of endoscopy and catheter procedures including the OVMed® Image Signal Processing (ISP) boards and imaging sensors for endoscopy applications. The fine design and manufacturing model allows us to provide custom cable solutions, ideal for applications such as endoscopes, catheter and dental cables.

Medical Roadmap Panel PCs, Tablets and Monitors

Avalue leverages cutting edge technologies in a range of displays, tablets, box PCs and panel PCs for medical imaging, point of care data acquisition and management, smart medical applications and intelligent healthcare.



System-on-Modules

Digi International, **TechNexion**, **Ezurio** and **Variscite** provide System-on-Module (SOM) solutions with integrated wireless connectivity for medical applications. These high performance building blocks are a secure and reliable way of embedding complete system functionality into an end product, with the reassurance of long term product lifecycle support.



Medical DC-DC Converter AC-DC Power



Minimax Technology designs medical DC-DC converters and AC-DC power supplies which are certified for use in medical electrical equipment and healthcare applications. High-isolation and reinforced insulated medical safety DC-DC converters feature power ratings ranging from 1 to 20 W, and AC-DC power supplies range from 24 to 60 W.

Illumination, Imaging and Detection

Excelitas' wide-ranging technologies for illumination, imaging and detection allow them to serve a breadth of medical applications including clinical diagnostics, surgery, dentistry, endoscopy, ophthalmology, radiography/molecular imaging, thermometry and medical device applications.



Temperature, Pressure, Humidity and CO2 Medical Sensors



Amphenol Advanced Sensors offers leading edge medical sensor technology for patient monitoring and critical care applications by providing the ultimate in accurate and reliable sensing devices to monitor critical vitals. With temperature, pressure, humidity and CO2 technologies, Amphenol offers innovative solutions, fast development cycles and excellent quality control endoscopy applications.

Broad Portfolio for Smart, Connected and Secure IoT Medical Devices

Microchip provides a broad spectrum of parts for clinical, drug delivery, dental and telehealth/home monitoring applications, enabling medical companies to design smart, connected and secure IoT-enabled medical devices. Microchip has helped design and manufacture clinical, wearable, implantable and life-critical medical devices for many years.



Types & Coverage of Medical Endoscopy

