

MED-TECH DAY

March 18th, 2026

Address:
Hotel Savoia Regency
Via del Pilastro, 2
40127, Bologna



MED-TECH DAY 2026

Join us on **March 18th** at the prestigious **Savoia Regency Hotel in Bologna** for the inaugural edition of **MED-TECH DAY 2026**, proudly organized by **Arrow Electronics**.

We are delighted to invite you to this exclusive one-day technical event, dedicated to exploring the cutting-edge technologies shaping the medical market. Attendees will have the opportunity to participate in specialized sessions covering topics such as **sensors**, **connectivity**, **MPU**, **cybersecurity**, and **more**.

As the medical industry continues to grow and evolve with advanced technologies, this event offers a unique opportunity to connect with key players in the field.

Don't miss the **Showcase Area**, where you can experience live demonstrations, product overviews, and engage in idea-sharing sessions with our suppliers and partners.

The Event & Showcase Area will host:

Media partner:

Recommended hotel:

In order to book your room for the night of March 17th, you need to write an email to the hotel (**please it's mandatory to use the code: ARROW2026**).
Rooms are subject to availability (we recommend you book as soon as possible).

Savoia Regency Hotel
Via del Pilastro, 2 - 40127 Bologna (BO) · +39 0513767777
110 € per night + city tax 6,50 €
https://www.savoia.eu/
Email: regency@savoia.eu

How to reach the event:

- **BY TRAIN**: From Bologna Centrale Train Station take taxi or take **Bus Line 25** (direction of Dozza) and get off at the **Sandro Pertini** stop. From there, walk for about **5 minutes** along **Via del Pilastro** to reach the Savoy Regency Bologna. The total journey time is approximately **25 minutes**.

- **BY CAR**: All highways connect to the Raccordo Tangenziale di Bologna. We recommend taking **Exit 9 – San Donato**, then following the signs for **Via del Pilastro** and finally for **Via del Pilastro 2**, where you'll find the Savoy Regency Bologna. The hotel offers on-site parking.

Register now

Agenda* - March 18th, 2026

Time	Garisenda Room	Asinelli Room	Showcase
9:00 – 10:00	**Registration & Welcome Coffee**		
10:00 – 10:30	Arrow Introduction		
10:30 – 11:30	**Networking & Coffee Break**		
11:30 – 12:00	AMSOsram	Advanced Energy	
12:00 – 12:30	Ezurio	Security Pattern	
12:30 – 13:30	**Networking & Lunch**		
13:30 – 14:00	Sensirion	Microchip	
14:00 – 14:30	Infineon	NRGSys	
14:30 – 15:30	**Networking & Coffee Break**		
15:30 – 16:00	STMICRO	Altera	
16:00	**Awards & Closure**		
16:15	**Aperitif**		

*The agenda is subject to change

AMSOsram: ***How Light-Based Sensing is transforming MedTech***

Join us to explore the transformative advancements in Vital Sign Monitoring, showcasing how innovative technologies are shaping the future. Emphasizing the pivotal role of Optical Solutions, particularly in medical devices, we will present our state-of-the-art innovations that redefine the concept of touch in healthcare.

Advanced Energy: ***Innovating Medical System Design with Next-Gen, Standards-Compliant Power Supplies***

The medical market continues to expand as an ageing population and rapid advances in clinical technology increase the demand for safe, reliable power solutions. This session outlines the key industry standards that cover medical power supply design and shows how Advanced Energy's compact, efficient, fanless, CF-rated products simplify compliance and integration. Our solutions power a wide range of medical applications including surgical generations, RF ablation, diagnostics, infusion pumps, imaging systems and surgical lighting.

Ezurio: ***Secure, Robust Connectivity for Medical Devices***

Accelerating your medical innovations through long term support platforms, wireless connectivity, and device security solutions. Ezurio can support you with processor (SOM) and wireless solutions for Patient Monitoring, Infusion Pumps, Hospital Beds and more.

Security Pattern: ***Cybersecurity requirements for medical devices***
In recent years cybersecurity has become a central topic for medical device compliance under both FDA and European regulatory obligations. This speech presents a blueprint drawn from successful projects that supported medical device manufacturers in implementing a secure-by-design approach and reducing the overall cost.

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Sensirion: ***From Flow to Future: Medical Innovations by Sensirion***

Precise measurement and control of gases, liquids, and concentrations are essential in respiratory therapy and extracorporeal life support, where stable flow sensing and accurate gas mixing enable safe, reliable therapy delivery and better patient outcomes. Today, Sensirion's sensors are widely used in ventilation and CPAP devices, as well as in Heart–Lung Machines, ECMO systems, and organ transport. Building on this foundation, Sensirion is expanding its portfolio beyond flow sensing and into new applications and markets. During this presentation, you will gain an overview of these successful applications and an exclusive sneak peek at what is coming next in emergency care and metabolic health.

Microchip: ***Accelerate Innovation with Microchip: Smart, Connected and Secure Solutions for Medical Devices***

In this session, we will take you on a journey through Microchip's broad, long-lifecycle portfolio for every medical design need - MCU/MPU, FPGA, analog/power, timing, connectivity, HMI and more - with security built in at every layer. With more than 20 years of experience supporting over 2,000 medical customers worldwide, Microchip has consistently enabled innovation across a wide range of applications, from Medical Imaging to Secure Disposables, and from life-saving Implantable to Wearable Patient-Monitoring devices. Our proven quality processes and long-term supply help ease regulatory compliance and minimize costly redesigns.

Infineon: ***Infineon Global Solution provider for Medical Applications***

Infineon's microcontroller and wireless connectivity products portfolio provides a range of low-power and high-performance products with proven embedded security, offering scalable and high-performance solutions for various healthcare applications, from low-power wearable devices to complex clinical equipment. All microcontroller products utilize a common software framework across Android, Linux, and RTOS platforms, and are pre-integrated with Infineon's ModusToolbox™ software and tools, enabling developers to design and deliver high-quality, differentiated products to market in a timely and cost-effective way.

NRGSys: ***Future-Ready Medical Devices, a Risk-Driven Reengineering Framework***

Extending the life of a medical device today means addressing increasingly complex regulatory, cybersecurity, and supply chain challenges, which require a structured approach. The talk presents a pragmatic reengineering method based on risk analysis to help manufacturers manage technical debt and ensure resilience, compliance, and continuity over time, balancing conservative interventions and architectural revisions through targeted assessments, R&D-supplier collaboration, and the use of industrial SOMs.

STMicroelectronics: ***Devices for Wearables, Patches and Implantable Medical Applications***

The innovative ST biosensors are designed for advanced cardiac monitoring (**ECG**) and electro neurography (**ENG**), with future capabilities for electrochemical (**EC**) and multi-vital sign monitoring. These sensors offer unique features such as context-aware artifact removal, microcontroller offloading, miniaturization, and ultralow power consumption. Additionally, ST is advancing the integration of sports and healthcare through motion sensors tailored for sports analytics and concussion management.

Altera: ***Integrating FPGAs in Healthcare Innovations***

Field Programmable Gate Arrays (FPGAs) are becoming a top choice in medical device development due to their flexibility and cost efficiency. Unlike ASICs, FPGAs avoid high upfront NRE costs and large order requirements. They allow reprogramming, enabling quick updates and design improvements. Compared to ASSPs, FPGAs offer better customization and integration. This helps manufacturers create unique products and adapt quickly to market changes. FPGAs also support long product lifecycles with field upgrades, reducing the risk of obsolescence. At the same time, AI is reshaping healthcare with real-time image analysis, continuous monitoring, and personalized care. FPGAs are ideal for accelerating these AI tasks at the point of care. They deliver high performance, low power use, and adaptability. This makes healthcare solutions smarter and more responsive to evolving needs.

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