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SMH Technologies Leads the Definition of the World's First Flashing Standard Recognized by IPC-Global Association for Electronics Manufacturing

Munich / Pordenone, November 2025 —
A historic milestone for the global electronics industry: **SMH Technologies** has chaired the release of the **first-ever Flashing Standard officially recognized by IPC**, the **Global Association for Electronics Manufacturing**, further consolidating its position as a worldwide leader in **In-System Programming (ISP)**.

At **Productronica 2025**, the world's leading trade fair for industrial electronics, held at the **München Messe in Munich**, **SMH Technologies** will reveal this groundbreaking achievement at its booth, in the presence of the executive management of the **Global Electronics Association (formerly IPC)** — an institution with over 65 years of expertise and the authoritative voice of an industry valued at over **6 trillion dollars**.

SMH Technologies authored the new global reference framework, the **"IPC–9271 Guidelines for In-System Programming"**, which now represents the **state-of-the-art in device programming for industrial electronics**, providing comprehensive guidelines for integrating programming processes within modern production environments.

The **IPC-9271 standard** defines best practices related to:
• **PCB design for In-System Programming (ISP)**;
• **Programmer selection criteria**;
• **Integration of programming systems within production environments**;
• **Software, mechanical, and process methodologies** aimed at optimizing efficiency, reducing programming costs, and improving production quality.

This achievement raises the bar for **quality, productivity, and reliability** across the industry, resulting from a **close collaboration between SMH Technologies' engineers and IPC's technical staff**, with the shared goal of establishing a **universal and robust framework** for In-System Programming.

"This is a truly significant and meaningful moment for us,"
said **Claudio Stefani**, President and Founder of **SMH Technologies**.
"Working side by side with IPC – the Global Electronics Association – in defining these standards represents not only a historic step for our industry but also a recognition of the value of our work and long-term entrepreneurial vision."

Headquartered in **Northeastern Italy**, **SMH Technologies** is internationally recognized as a leader in the **design and production of systems for programming memories and microcontrollers on electronic boards**, serving highly specialized sectors such as **automotive, home appliances, medical, and consumer electronics**.

With a presence across all major global technology markets and a strong network of partners and distributors, **SMH Technologies** stands for **innovation, efficiency, and reliability**.
Led by President **Claudio Stefani** and CEO **Gabina Marcuzzi**, the company continues to

invest heavily in **research and development**, with a dedicated team of engineers and software specialists constantly improving the **performance, speed, and ease of use** of its programming systems.

"Our close relationship with customers and distributors was once again essential in this process,"
added **Gabina Marcuzzi**, CEO of **SMH Technologies**.
"Continuous, high-quality operational feedback allowed us to deeply understand all practical aspects that contributed to the creation of the Guidelines. It's an effort that is paying off — and one we are proud to share with the entire global technical and industrial community."

The definition of the first **IPC-recognized Flashing Standard** further strengthens SMH Technologies' **institutional and technological leadership** within the industrial electronics sector, confirming its ability to **anticipate market needs** through **innovation, research, and strategic vision**.

Today, the Italian company stands as an **international laboratory of ideas and expertise**, looking to the future with the same determination and passion that have made it a **worldwide benchmark in In-System Programming**.

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