

Press Release

SandGrain Launches Secure IoT Solution Based on X-FAB's Proven 180 nm Foundry Technology

Technology collaboration enables first-time-right success and fast time-to-market for SandGrain's unique CyberRock solution in a European ecosystem

Eindhoven, Netherlands and Tessenderlo-Ham, Belgium – 24 February 2026

[SandGrain](#), a pioneer in secure authentication platforms for connected electronics networks, and [X-FAB](#), the leading analog/mixed-signal and specialty foundry, today announced their successful technology collaboration for the development and manufacturing of the CyberRock SGT1001 Token. This development marks a first-time-right success, leveraging X-FAB's customized 180nm XP018 platform to deliver a secure, traceable European ecosystem that protects IoT devices against hacking, in alignment with the upcoming EU Cyber Resilience Act (CRA), set to become mandatory on December 11, 2027.

The CyberRock SGT1001 Token is the vital trust anchor of SandGrain's hybrid CyberRock solution. By combining secure silicon tokens with a robust SaaS cloud platform powered by uniquely secure HSMs, SandGrain's flagship solution, CyberRock, delivers end-to-end, streamlined provisioning and certificate-free, post-quantum ready protection for connected devices. This unique hardware-software integration positions SandGrain at the forefront of scalable and standards-compliant IoT security. Designed to address the growing security challenges in industrial IoT and critical infrastructure worldwide, the integration of SandGrain's innovative authentication technology with X-FAB's robust manufacturing capabilities enables fast time-to-market while ensuring compliance for next-generation automotive markets. The XP018 platform is a modular 180nm high-voltage CMOS technology supporting an extended temperature range from -40 to 175°C. It offers a broad device portfolio, including high-gain bipolar components, capacitors, and

a comprehensive suite of design IP, such as automotive-grade non-volatile memory solutions. This technology modularity, device, and IP availability, along with the possibility for customization, make it ideal for cost-sensitive industrial and medical applications.

This announcement builds on SandGrain's recent €13.5 million Series A funding round (announced December 9, 2025), highlighting the emphasis on European supply chain sovereignty amid rising cyber threats, the relentless drive of innovation, and quick execution to market. Reliability tests have been successfully completed in January 2026 ensuring lifetime operation, which was the final step in the formal product release.

"SandGrain sought a secure, renowned, and fully traceable European ecosystem for the CyberRock-Token development, and we are thrilled with X-FAB's support from day one," said Antoine Leclercq, Chief Operating Officer at SandGrain. "This strong collaboration has enabled a reliable and secure market readiness, and we're excited about the product launch and our protecting connected electronics across Europe and other parts of the world."

"X-FAB proudly collaborates with innovative startups like SandGrain to drive technological advancements," said Joerg Doblaski, Business Unit Manager Smart CMOS & SOI at X-FAB. "Our excellent design support and ability to customize open-platform technologies, such as our XP018 platform, have enabled this first-time-right success and fast time-to-market within a strong European ecosystem."

The collaboration underscores both companies' role in shaping secure IoT ecosystems and will be showcased at Embedded World 2026 in Nuremberg, March 10–12, hall 5, stand 173.

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Glossary

CMOS – Complementary Metal Oxide Semiconductor

CRA – EU Cyber Resilience Act

HSM – Hardware Security Module

IP – Intellectual Property

IoT – Internet of Things

SaaS – Software as a Service

SOI – Silicon on Insulator

About SandGrain

SandGrain is a Dutch deep-tech company pioneering simple, scalable, and standards-compliant IoT security. Its flagship product, CyberRock, combines a hardware trust anchor with a secure cloud platform, providing certificate-free, post-quantum ready protection. Headquartered in Eindhoven, SandGrain's mission is "Securing our Connected World" across market verticals including industrial, critical infrastructure, aerospace & defense, and more. Visit www.sandgrain.eu for more information or to schedule or order a demo.

About X-FAB

X-FAB is a global foundry group providing a comprehensive set of specialty technologies and design IP to enable its customers to develop world-leading semiconductor products that are manufactured at X-FAB's six wafer fabs located in Malaysia, Germany, France, and the United States. With its expertise in analog/mixed-signal technologies, microsystems/MEMS, Photonics, silicon carbide (SiC) and gallium nitride (GaN), X-FAB is the development and manufacturing partner for its customers, primarily serving the automotive, industrial and medical end markets. X-FAB has approximately 4,300 employees and has been listed on Euronext Paris since April 2017 (XFAB). For more information, please visit www.xfab.com

Media contacts

X-FAB

Anja Noack
MarCom Manager
+49-361-427-6162
anja.noack@xfab.com

SandGrain

Jennifer Schoop
Marketing & Communications
+31 6 2501 3485
jennifer.schoop@sandgrain.eu