

Secure-IC strengthens its innovation leadership in embedded cybersecurity with the acquisition of eShard patents portfolio

Cesson-Sévigné (France) – November 21, 2023 – Secure-IC, the rising leader, and global provider of end-to-end cybersecurity solutions for embedded systems and connected objects, announces today the strategic acquisition of the patents portfolio from eShard, renowned pioneer in advanced security testing. This acquisition marks a significant milestone in Secure-IC's commitment to pushing the boundaries of security innovation and reinforcing its leading position in the embedded cybersecurity industry.

Since its creation, Secure-IC has been dedicated to delivering the forefront of security innovations to the market, backed by an extensive history of thought leadership activities, including for instance the involvement in new standards development and various security ecosystems, as well as a track record of over 350 scientific publications and an existing portfolio of more than 250 patents.

The agreement between Secure-IC and eShard is grounded in a shared philosophy that security must constantly be put to the test. Both companies have consistently pursued a deep and comprehensive analysis of security, transcending the limitations of the state-of-the-art. This mindset has been guided by the conviction that rigorous security assessment, as exemplified by standards like Common Criteria (CC, ISO/IEC 15408), forms the bedrock of trust in digital systems. This positioning is even more relevant in the context of European Union Cyber Resilience Act (EU CRA) coming into force, which mandates critical products to be designed secure and be kept so for a 5-years duration.

The integration of eShard patents portfolio constitutes a substantial reinforcement to Secure-IC's existing tunable cryptography product offering. Indeed, the novel patents will increase the robustness of Secure-IC's integrated Secure Elements against physical attacks, including the dreadful «side-channel analyses», through a defence-in-depth approach. This strategic addition will empower Secure-IC to chart new frontiers in cryptographic innovation, fortifying its ability to deliver cutting-edge solutions that safeguard digital assets against evolving threats. Centered on bolstering its partners' technology and devices security, Secure-IC exemplifies its commitment to safeguarding the digital sphere with its flagship product Securyzr™ - testament to its adaptable product range meeting dynamic cybersecurity demands.

Furthermore, the acquisition of eShard patents presents an exciting avenue for Secure-IC's diversification strategy. These patents will enable the company to expand its scope into novel domains, such as binary reverse-engineering protection. This expansion aligns seamlessly with Secure-IC's mission to provide holistic and adaptive solutions that secure the entire lifecycle of connected devices, from chip design to deployment and operation, from chip to cloud.

Hassan Triqui, Secure-IC's Co-founder & President, stated: *"We have always believed that cybersecurity is a dynamic field where adaptation and innovation are vital. This strategic acquisition underscores our commitment to staying at the forefront of safeguarding digital systems. With eShard patents joining our portfolio, we are better equipped than ever to tackle emerging threats in the cybersecurity landscape."*

Hugues Thiebeauld, eShard's Co-founder & CEO said *"This transaction shows the complementarity of eShard and Secure-IC activities. I believe that a strong cybersecurity ecosystem needs a combination of the protections against potential attacks and the way to test them. By investing in these areas, eShard and Secure-IC contribute to the defense in depth strategy, to make products secured by design."*

Having a track record of more than 250 patents generated since its creation, the acquisition of eShard patents stands as a testament to Secure-IC's unwavering commitment to innovation, security, and a future where trust in digital systems takes precedence.

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About Secure-IC

With presence and customers across 5 continents, Secure-IC is the rising leader and the only global provider of end-to-end cybersecurity solutions for embedded systems and connected objects.

Driven by a unique approach called PESC (Protect, Evaluate, Service & Certify), Secure-IC positions itself as a partner to support its clients throughout and beyond the IC design process. Relying on innovation and research activities, Secure-IC provides silicon-proven and cutting-edge protection technologies, integrated Secure Elements and security evaluation platforms to reach compliance with the highest level of certification for different markets (such as automotive & smart mobility, defense & space, semiconductors, critical infrastructures, server & cloud, healthcare, consumer electronics). Secure-IC provides a platform to support security challenges all along the lifecycle of devices (Securyzr™ integrated Service Platform - iSSP).

Secure-IC solutions also already include Post-Quantum Cryptography with cyber-physical protections (such as SCA), for fully quantum ready solutions.

Securyzr™ global product range includes secure solutions for SoCs in all markets, in particular IoT, Industry & AI, Automotive, Mobile and Cloud/Server, from chip to cloud to support customer all along the security lifecycle.

For more information, please visit <https://www.secure-ic.com> or follow Secure-IC on [LinkedIn](#), [X \(Twitter\)](#), [Wechat](#).

About eShard

eShard is a leading cybersecurity company that specializes in embedded software solutions for industries such as vehicles and production machinery.

Leveraging the power of data science, eShard enhances cryptographic implementation, conducts comprehensive software security audits to evaluate cyber risks – spanning from military chip firmware to sensitive consumer mobile applications.

The company also offers expert-guided masterclasses, empowering individuals to cultivate and fortify their knowledge in threat landscapes and protective strategies. Additionally, eShard verifies the protective measures of mobile applications and bolsters the self-defense mechanisms of runtime applications, solidifying its commitment to comprehensive cybersecurity.

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