## STARCHIP ACHIEVES COMMON CRITERIA EAL5+ CERTIFICATION FOR ITS SECURE PLATFORM SCR400L

Meyreuil, June 6, 2016– StarChip (part of Safran Group), experts in designing, qualifying and industrializing Smart Card integrated circuits (IC), is pleased to announce today its dual-interface product SCR400L, first member of its Secure Payment and ID Controllers families, successfully passed the security testing for the Common Criteria Evaluation and is now certified at the high level EAL5+.
The Evaluation Assurance Level (EAL) 5+ attests the SCR400L offers advanced hardware security features against highly sophisticated attacks.

The Common Criteria is an international standard for validating, through a strict evaluation process, the features and capabilities of products that meet specific security requirements.
Conducted by Thales, an independent third-party testing laboratory accredited by the ANSSI (French Networks & Information security Agency), the security evaluation's results indicate the SCR400L is a highly reliable, robust and secure device (resistant to HIGH attack potential AVA_VAN.5,developed in a secured environment : ALC_DVS.2 ) that complies with the very demanding requirements of Common Criteria.

Designed to address high-end payment applications but also to secure identity documents such as the passport, the newly certified SCR400L provides card manufacturers with a hardware platform that excels in security and performance helping them to quickly develop fully certified smart cards that meet the critical security needs of dual DDA and ID applications.
The SCR400L embeds state-of-the-art cryptographic capabilities including but not limited to 3-DES, AES, RSA and ECC hardware accelerators that enable performing the most complex calculations ensuring strong protection against potential attacks. Through its GAIA Security Platform, StarChip has also incorporated innovative security technologies (hardware PKI engine, robust protection solutions against Fault injections and Side Channels attacks…) aimed at strengthening the CORTUS 32-bit RISC Secure Core, APS3sf-ARX embedded into the chip. All these advanced security features have enabled the SCR400L to successfully pass the tough and strenuous test penetration attacks by the Common Criteria accredited testing laboratory.

"Achieving Common Criteria certification, at this level of security (EAL5+ augmented) after a whole year of intensive testing process, demonstrates our company commitment to delivering the most secure and reliable devices that meet the highest standards requirements for secure card projects." says, Jean-Yves Bernard, Starchip Security Certifications Manager. "This certification marks a major milestone for our company and we are very proud our SCR400L has passed the rigorous Common Criteria tests and is now released for production."

### About STARCHIP
StarChip, part of Safran Group, is a dynamic semiconductor company that enables customers to directly benefit from our unique, optimized value chain system. We design and qualify products for mass production, then license our solutions for purchase directly by our customers through qualified foundries and test houses. StarChip products are based on state-of-the art, Flash-based 32-bit architectures. They are designed to offer maximum integration, providing support for embedded, innovative security technologies, analog functionality and connectivity and control interfaces. The result is a flexible set of solutions that can easily meet the requirements of a wide variety of markets, including smart cards and security, consumer, automotive and industrial applications

**StarChip contact:**
Mounira Bouba - FSE
+33 1 34 52 20 75
mounira.bouba@StarChip-ic.com