PRODUCTS OVERVIEW

Secure-IC develops trusted computing security technologies for embedded systems to protect them from malevolent attacks and cyber threats.
Working with top scientists in the field, we are thought leaders in the cyber security domain with best-of-breed technologies that assess the vulnerability of any embedded system and IP Cores that protect hardware products from state-of-the-art attacks.

THREAT ANALYSIS

ATTACK. ANALYZE. DESIGN

SOFTWARE

Analysis Platforms to evaluate the robustness of the IC at every stage of the design, and prepare any kind of certification (FIPS-140, ISO17825, EMV, CC LVL7 …).

SMART-SIC ANALYZER

Side-Channel Attacks and Fault Injection Attacks on ASIC, FPGA
(Simple analysis, Differentiation, Correlation, Mutual Information Analysis, EM Injection, Laser Injection, Power Glitch, Clock Glitch …).

SMART-SIC VIRTUALYZER

Virtual Side-Channel Attacks and Fault Injection Attacks on VHDL/Verilog source code, upstream the design cycle.

THREAT PROTECTION

ANTICIPATE. PROVE. PROTECT

IP CORES

Broad range of comprehensive IP Cores to face State-of-the-Art attacks on component.

SIC-TRUSTED TUNABLE CRYPTO
Flexible security on AES, 3DES, SHA, RSA, ECC

SIC-TRUSTED DIGITAL SENSOR
All-in-one fault injection detector, entirely digital

SIC-TRUSTED ACTIVE SHIELD
Active protection against intrusive attacks on ASIC

SIC-TRUSTED DIGITAL TRNG
Digital TRNG resilient against harmonic EM attacks

SIC-TRUSTED PUF
100% unique, random and steady ID generation

SIC-TRUSTED SCRAMBLED BUS
Encrypted and inexploitable information at hardware level

SIC-TRUSTED SECURE JTAG
Authentication system to secure debugging channel

SIC-TRUSTED SECURE CLOCK
Anti-synchronization to prevent SCA and FIA

SIC-TRUSTED CYBERCPU
CPU-agnostic cyber attack sensor

SIC-TRUSTED SECURE BOOT
Maximum security-enabling root-of-trust

SIC-TRUSTED SECURE MONITORING
Maximum security-enabling monitoring

EXPERTISE

Ability to share expertise with our Customers and help them to get best-of-breed security technologies.

THOUGHT LEADERSHIP

BE AWARE. GET SOLUTIONS