SECURE-IC
THE SECURITY SCIENCE COMPANY

EXPERTYZR™ SECURITY SCIENCE EXPERTISE

BROCHURE

January 2021 - Version 1.1

EXPERTYZR™

SERVICE & CERTIFY

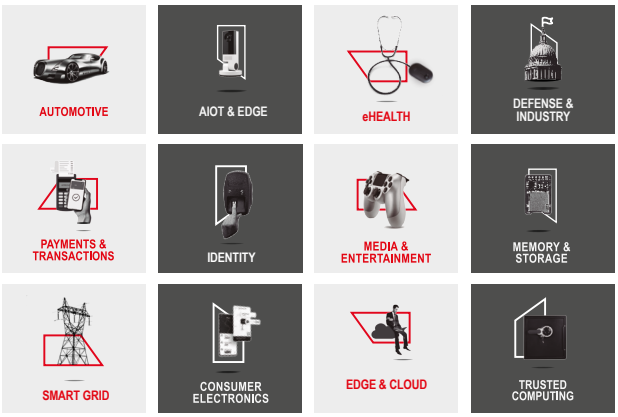
HIGH VALUE SECURITY EXPERTISE

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 from security requirements to certified solutions in providing them with best-of-breed, end-to-end cybersecurity solutions for embedded systems and cloud connected objects.

FOR WHOM?

- Chipset / Device Vendors
- IC Design Houses
- Certification Labs
- Governmental Agencies

FOR WHICH MARKETS?



OUR VISION

ONE DAY, SECURITY WILL BE WORTH MORE THAN DEVICES

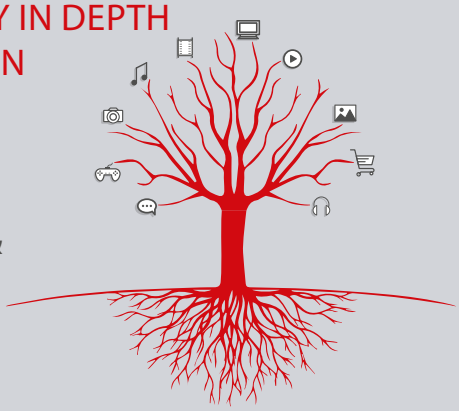
Going forward, there will be more and more interconnected devices or objects in various market verticals, this is what we call the Internet of Things or Internet of Everything.

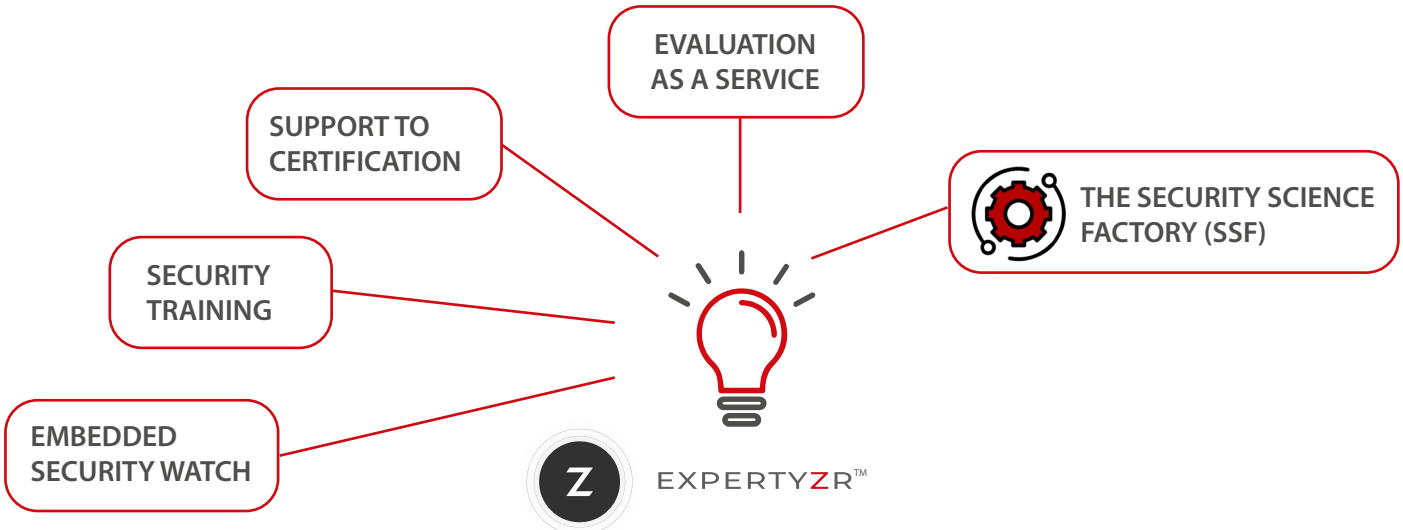
All those objects being interconnected to the cloud, each and every object could be a threat for the whole network. Therefore, the security of the objects or the devices and their lifecycle management are key.

OUR PESC APPROACH

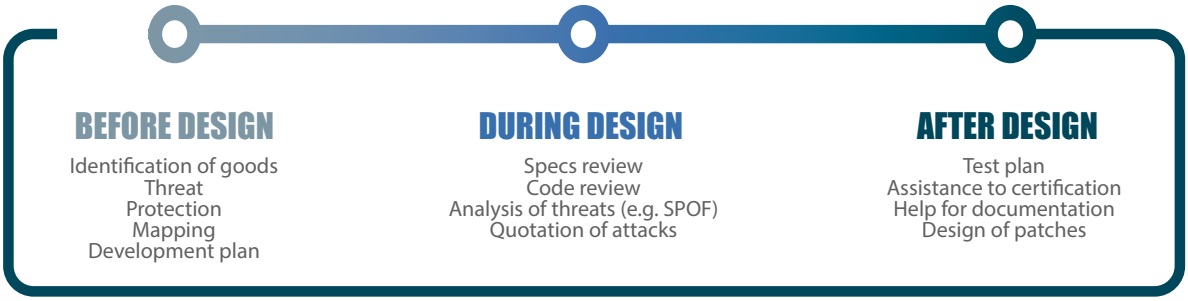
SECURITY IN DEPTH BY DESIGN

- **P**ROTECT
- **E**VALUATE
- **SERVICE &**
  CERTIFY





CONSULTING SERVICES



SECURITY TRAINING

Learn everything you need to know about cryptography, attacks and software and hardware protections with trainings tailored to any level of prior knowledge.

EVALUATION AS A SERVICE

Compliance to any standard certification level.
Software code or real device evaluated (White-Box or Black-Box against Reverse Engineering).
Pre-Quotation & Tailored Design for Security
Gap Analysis.

SUPPORT TO CERTIFICATION

Compliance to any standard certification level.
A step by step guidance in the certification process from the roots to certification (CC, FIPS 140, ISO, OSCCA).

EMBEDDED SECURITY WATCH

State of the art synthesis of attacks/countermeasures and on any new security topic.
Independent audit of published attacks and practical feasibility report. Security trend newsletter report.

ISO International Organization for Standardization
ETSI World Class Standards
IEEE
afnor NORMALISATION
Common Criteria
FIPS VALIDATED 140-3

EXPERTYZR™ IS THE METHODOLOGY TO SERVE OUR CLIENTS WITH HIGH-VALUE SECURITY EXPERTISE

THE SECURITY SCIENCE FACTORY

Embedded cybersecurity is an ever-changing domain: new threats are discovered all the time. As a result, protections must be updated as quickly as possible, creating a competition between attackers and designers. In this context, it is paramount to sustain an active research and development activity. That is why, we have created the Security Science Factory (SSF).

The Security Science Factory is Secure-IC's engine to generate security innovations. The SSF gathers our researchers and experts to advance security technologies, in our state-of-the-art laboratories in Rennes, Paris, Singapore and Tokyo.

SSF is at the heart of best-of-breed security solutions. It conducts advanced R&D and projects as well as Thought Leadership activities, published more than 200 scientific papers and registered 40 families of patents, shares knowledge and helps set major security standards.

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