Bringing trust
to the Internet of Things

RED ALERT LABS
IoT Security

Our mission //

IoT Security Assurance Services

We help IoT manufacturers, service providers and businesses **take a more informed decision** when designing, implementing, buying or selling IoT products/solutions.

As **your security partner**, we help you create, reach, and maintain your IoT security goals.

Your Key Benefits

- Regulation & security standards compliance
- Faster time to market
- Accurate security assurance
- Reduce costs
- Increase sales & revenue

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1/ Security Consulting

IoT Security Assessment

Red Alert Labs created an IoT innovative security risk analysis methodology supported by tools and adapted to cross-market verticals taking into account the scope of attacks, the sensitivity of the assets and assumption on the system's environment. Quick and accurate results.

IoT GDPR

Red Alert Labs provides you with a quick and free diagnostic allowing you to identify your company's posture with regards to the General Data Protection Regulation (GDPR).

IoT Cyber Risk Insurance

As part of its mission to bring Trust to the Internet of Things, Red Alert Labs has developed an IoT cyber insurance offer based on accurate cyber risks measuring techniques allowing you to insure your organization's IoT solutions and environment and stay secure, vigilant, and resilient. We simply help you reduce your risk and reduce your insurance bill.

Certification

We assist vendors on their effort to security certify their products or systems. These services are conducted in various ways, from initial workshops, to delivering complete documentation set, training and project management services. (CC, FIPS 140-2, ISO27K, CSPN, IoTSF, GSMA IoT, OWASP IoT, EU cybersecurity).

2/ Security Evaluation

IoT Security Lab Evaluation

Using our innovating in-house tools, we support you through your security auditing/evaluation, taking an exhaustive approach starting by :

▶ **reviewing** the entire product life-cycle ecosystem, from hardware to software, covering physical and logical attacks on the device, network and service domains,

▶ **identifying** your sensitive assets and the target of evaluation,

▶ **prioritizing** attack paths and vulnerabilities (through Model-based Security Testing),

▶ **balancing** risk with time-to-market pressures.

3/ Security Training

Common Criteria and IoT Security

This training helps all parties involved in the CC certification process understand all the key aspects of the CC evaluation process, and get a hold of the new techniques and best practices to improve the efficiency of CC evaluations applied to IoT products requiring a CC certification. Participant are presented all the keys concepts to :

▪ **define** the Target of Evaluation (TOE) and Security Assurance Level (EAL)

▪ **manage** efficiently a CC evaluation project from A to Z

▪ **communicate** efficiently with the involved third parties

▪ **write** evidence documentation

▪ **benefit** from CC in the IoT ecosystem

Red Alert Labs has significant expertise in embedded systems, IoT Cloud Platforms, SW and HW security architecture, Certification Standards, with Common Criteria, FIPS140-2, ECSO, IoTSF, OWASP IoT, Global Platform & Java Card specification.
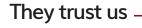
Our mission

Red Alert Labs is a French-based company with a mission to bring trust to the IoT by providing cyber-security consulting and evaluation services to organizations developing, integrating and consuming IoT solutions.

CIOApplications europe TOP 25
CYBER SECURITY
COMPANIES - 2017

What we do

We act as a security partner helping these organizations take right decisions and find balance between IoT security needs and IoT business needs.

Our partners turn to us at any stage of the IoT product/solution life-cycle to benefit from our special expertise in IoT security and full mastering of compliance and regulations.

Relying on its experts' unique experience, Red Alert Labs has earned the trust of several customers, and is recognized by the security labs community as a solid technical business partner.

They trust us

gemalto
security to be free

fido alliance | simpler stronger authentication

CS
La force de l'innovation

FMA
Finanzmarktaufsicht
Liechtenstein

Alliances
MANAGEMENT

IoT
Security Foundation

ECSO
EUROPEAN CYBER SECURITY ORGANISATION