

# Bringing trust to the Internet of Things



RED ALERT LABS  
IoT Security



[www.redalertlabs.com](http://www.redalertlabs.com)

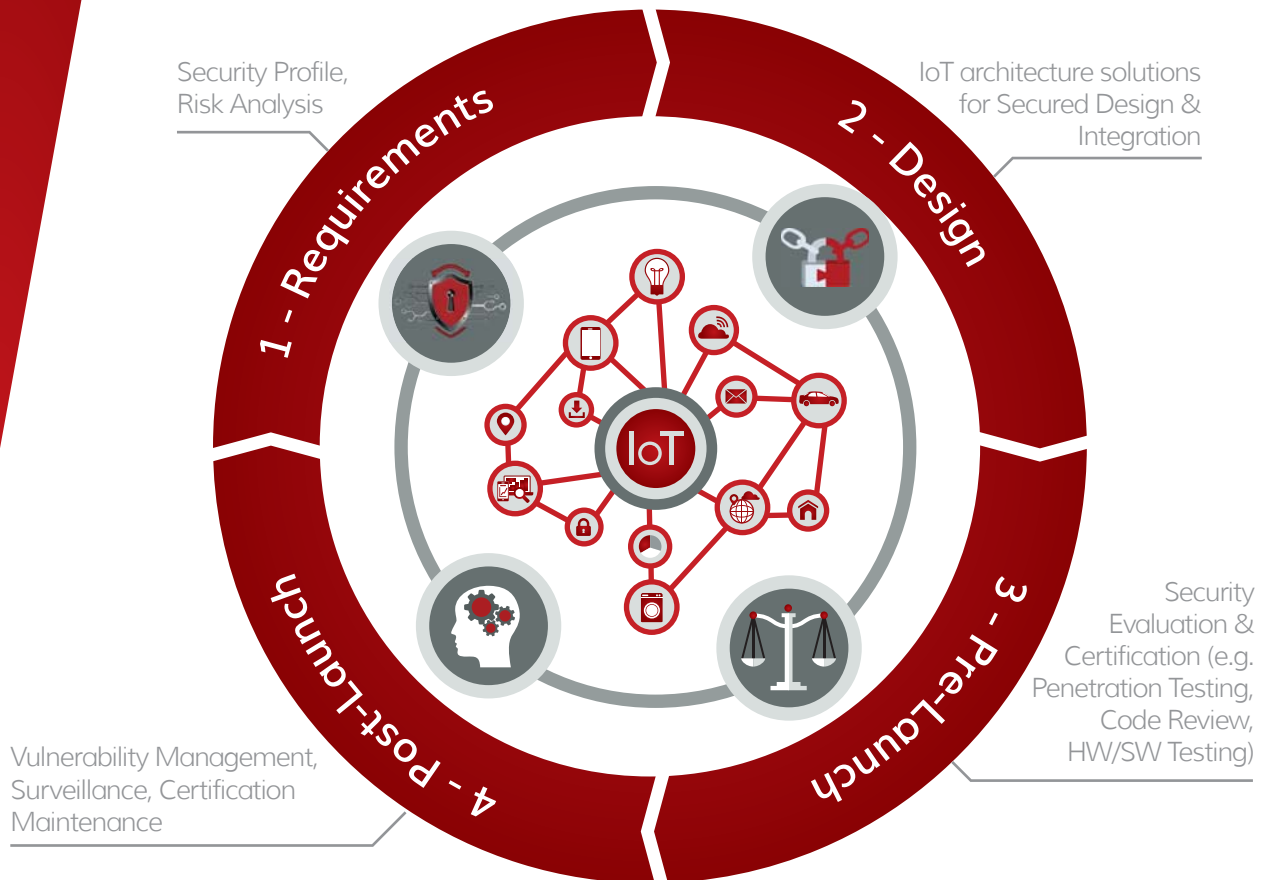
# Our mission //

Manufacturing  
Communication  
Transportation  
Home & Building  
Education  
Media & entertainment  
Healthcare  
Finance  
Oil & Gas  
Retail






## IoT Security Assurance Services

**WE ARE EXPERTS in**  
**IoT, Cybersecurity & Certifications**  
**solving your cybersecurity problems**

Our mission is to **bring trust** to the IoT by providing **IoT Security Assurance & Certification Services** designed to help manufacturers, integrators, service providers, and customers take a more informed decision when buying or selling IoT products.



### Your Key Benefits

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



## 1/ IoT Security Risk Tool --- (for Developers, Integrators and Solution Adopters)

Estimate the security risk from a 10,000 feet view of an IoT solution in a quick and efficient way. This step allows decision makers to allocate the budget to implement security in a risk-based approach.

## 2/ IoT Security Profile --- (for Developers, Integrators and Solution Adopters)

From Chip to Cloud, a Security Profile contains a list of risk-based security requirements matching exactly the scope and the operational environment of a type of IoT product or solution. It could be used by developers or integrators to define requirements and chose the right security solutions or by adopters/end-customers as a procurement requirement.

## 3/ IoT Security Assurance Framework --- (for Developers, Integrators and Solution Adopters)

This is a full solution including a set of strategic and technical guidelines, security profiles, tools, catalogues of security requirements, a risk-based evaluation methodology for each type of IoT devices, based on standards when they exist.

## 4/ Independent Security Evaluation --- (for Developers and Solution Adopters)

### IoT Security Evaluation Lab

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 Security Testing based on a Security Profile),
- ▶ **balancing** risk with time-to-market pressures,
- ▶ **guaranteeing** meeting IoT Certification Schemes standards.

## 5/ Compliance & Certification --- (for Developers, Solution Adopters, standard organisations and Governments)

We assist stakeholders on their effort to security certify their products or systems or define full certification schemes. 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, IoTSE, GSMA IoT, OWASP IoT, Eurosmart IoT SCS, SESIP, ARM PSA and FIDO.



# About us //



## What we do

Red Alert Labs is an **IoT security provider** helping organizations trust IoT solutions. We created an independent security lab with a disruptive business offer to solve the technical and commercial challenges in IoT.

Our framework covers the whole IoT solution from Chip to Cloud, is business context driven and offers a proper security dimensioning with respect to the customer's maturity.

We provide standard security certifications or dedicated IoT security label based on our in-house security risk analysis, security testing intelligence, automation and security profiles.

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.

Our Security Experts are internationally renowned authors, speakers and researchers with certified expertise in cybersecurity and IoT.

## Awards

Received the France Cybersecurity Label for its IoT Security Solution for 2019



Nominated to IoT GLOBAL AWARDS 2018 for Securing IoT

## They trust us



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