



# **Civil and military security with the Internet of Things**



## What the IoT brings to your applications



**Sensors** : Combine a large variety of low-power miniaturized sensors, embedding one or several sensing functions



**Hardware** : Take advantage of Ultra Low Power components and high-capacity batteries to achieve up to 10 years autonomy



**Edge Computing** : Add smarts to your sensors to boost your applications' reactivity and resilience, while adding to your objects' autonomy



**Networks** : Use the new LPWAN wireless IoT networks. They are low-cost, long range, low-power and flexible



**Deployment** : Install your cable-free, easy-to-use applications quickly, leveraging your own network or using those of public operators

## Use cases for our technologies



**SOUND**  
detection of gunshots, explosions, aggressions, screams



**VIBRATION**  
detection of landslides, earthquakes, avalanches



**MOTION**  
crossing, intrusions, presence, counting

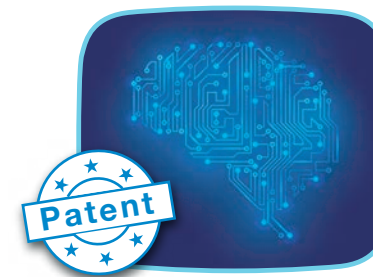


**HEAT**  
arson, forest fire prevention



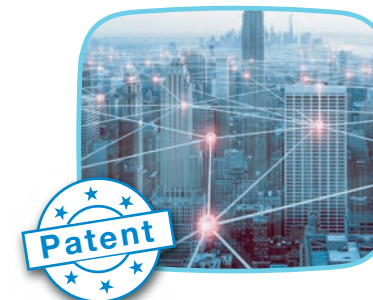
**IMPACT**  
collisions, projections, blows, breaking and entering

## Our technologies



### Embedded intelligence

Add smarts to your objects by embedding our advanced algorithms, including acoustic and vibratory signature analysis



### Secure network communication

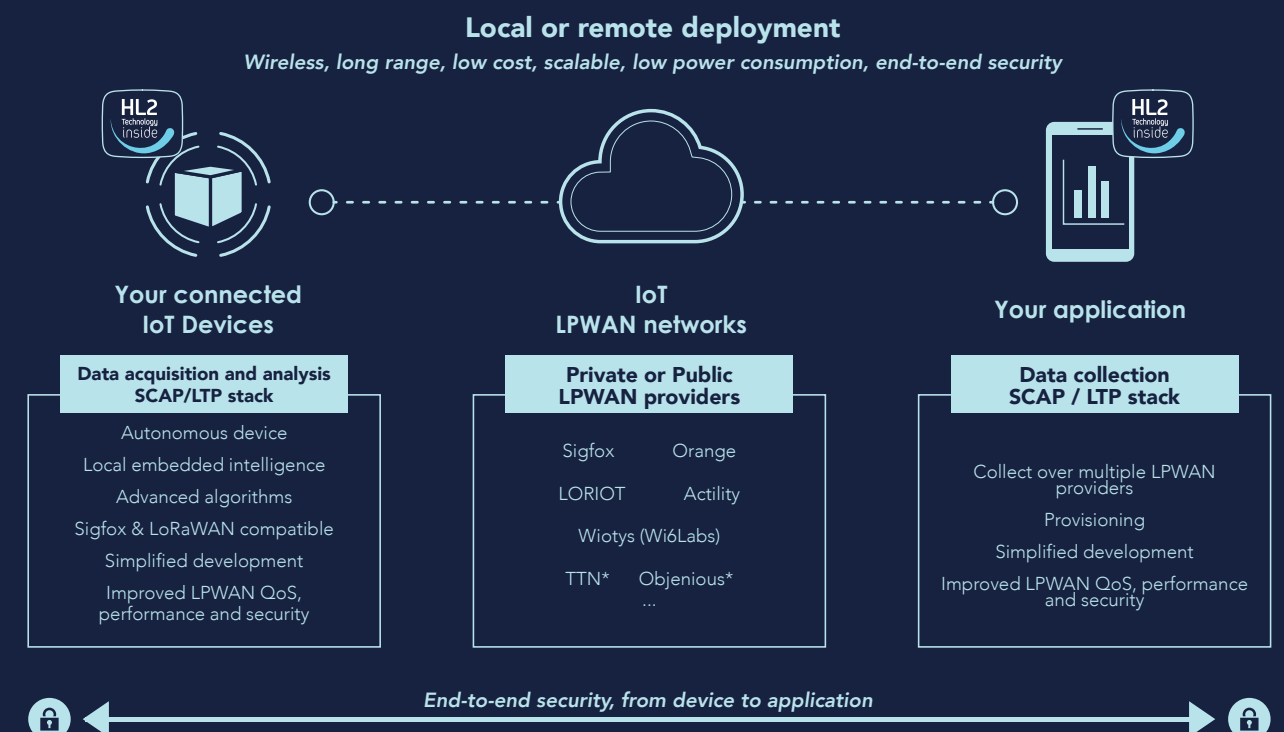
Increase the volume of application data sent, secure your data exchanges and improve the quality of service of LPWAN networks with our SCAP / LTP network stack



### Data collection

Easily and rapidly collect your data from providers (Sigfox and LoRaWAN™) via HL2 Panorama, our scalable and interoperable IoT platform

## HL2's flexible and innovative solution for your applications



## Who are we ?

HL2 is a French startup company who pioneered the Internet of Things. We offer connected object makers and integrators modular technologies, which are scalable and adaptable to most environments.

Our driving goal is to reduce the time, cost, and risks linked to the conception of innovative connected applications.

**Are you a connected object  
maker or integrator ?**

You can meet your clients' expectations today with economically viable technologies.

**Send an email to [sales@hl2.com](mailto:sales@hl2.com)**



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**HL2 group**  
Futuropolis 5, Teleport 4  
Avenue Thomas Edison  
86960 Futuroscope Chasseneuil  
France