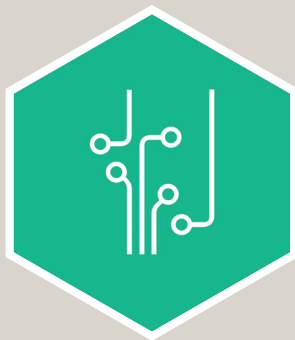


CYBER-PHYSICAL SYSTEMS

INTERNET OF THINGS



CONTACT

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Specialized in electronics and embedded systems in areas such as industrial and consumer IoT.

The Cyber-Physical Systems department (about fifteen employees) has expertise in **digital and analog electronics** as well as in **embedded software**. Making objects smarter and more efficient in their interactions with the physical world, in order to optimize the systems energy consumption, are some of its main objectives.

The highly disruptive area of **IoT** offers everyone, but especially start-ups and SMEs, very interesting opportunities that **CATIE** can help to seize, thanks to its knowledge in components technologies and to our ecosystem.

Our competencies enable us to develop complex electronic boards involving **hardware** (analog, power, radio, digital high speed) and **software layers** (micro-controller, microprocessor, FPGA, ...).

Among current CPS challenges, we specially address **cybersecurity** and **Artificial Intelligence** at embedded level.



Our platform dedicated to Internet of Things

Our team has developed **6TRON** to encourage and support companies in the development of their own electronic solutions for the Internet of Industrial Things. This platform was **awarded in 2019** by the Embedded France professionals.

<https://6tron.io>