

CEA Leti – Systems department

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Targeted topics

SU-FCT02-2018-2019-2020
Sub-topic 2

Digital forensics in the context of criminal investigations

Competencies

*CEA Leti is dedicated to applied research in the field of **micro-nanoelectronics** (more than 1800 employees).*

*It includes **cybersecurity** research and certification capabilities.*

Skills :

- **expertise in hardware attacks (side channel analysis and fault attacks on embedded system)**
- **expertise in biometrics sensors**

Some of our EU projects:

- **GateOne - H2020 (digitising the European industry),**
- **MobiTrust - CATRENE (security & privacy protection of future mobile platforms),**
- **PrismaCloud - H2020**

Goals

Increase efficiency in digital forensic investigations of :

- **Damaged component**
- **Encrypted device**
- **Biometric enabled device**

Using :

- **Semiconductor industry feedback**
- **Hardware security expertise**