

The logo for MP2 technologies features the letters 'MP2' in a large, bold, blue font. The 'M' and 'P' are connected, and the '2' is also connected to the 'P'. To the right of 'MP2', the word 'technologies' is written in a smaller, bold, black font. The background is white with blue geometric shapes on the left and right sides.

**MP2** technologies

# Microwave Characterization Center Presentation

- ▶ Spin-off from the research laboratory IEMN (*Institute of Electronics, Microelectronics and Nanotechnology*) of Lille University.
- ▶ Manufactures electronic components and state-to-the-art security products
- ▶ Localization : Lille - North of France

## ▶ 2 Production sites



## Main Partners



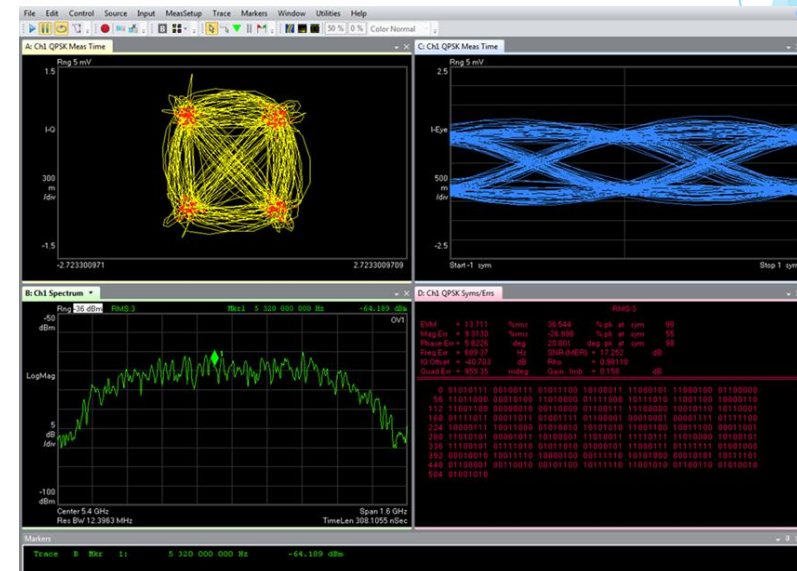
# High data rates datacoms



- Need for **high speed** connectivity.

For special events (for exemple 4K/8K TV real-time transmissions from stadiums to broadcast TV stations)

- TeraHertz data Transmission « Ti-Fi »
- **Real time, without compression**



# MM-Imager-90-CKP

The MM-IMAGER-90-CKP is a **passive** camera, which allows to detect through the clothes all types of objects such as weapons, drugs, explosives, liquids, solids



Distances: 1 to 10 meters

Real time : 10 images/seconds

Operating temperatures : 0° to 35° C

- Real-time
- Wide field of view
- Easily deployable
- No emitted radiation → no health issues
- Remotely controllable



# MM-Imager Technologies

Automatic hidden object detection

Typical Human THz images



# UAV Scrambler

The UAV Scrambler is a drone jammer which is able to neutralize illicit drones.



## UAV Scrambler 300

Type: Quick & handy portable device

Scrambled frequencies: GPS, GLONASS, GALILEO,

Control of the drones

Mode: Manual

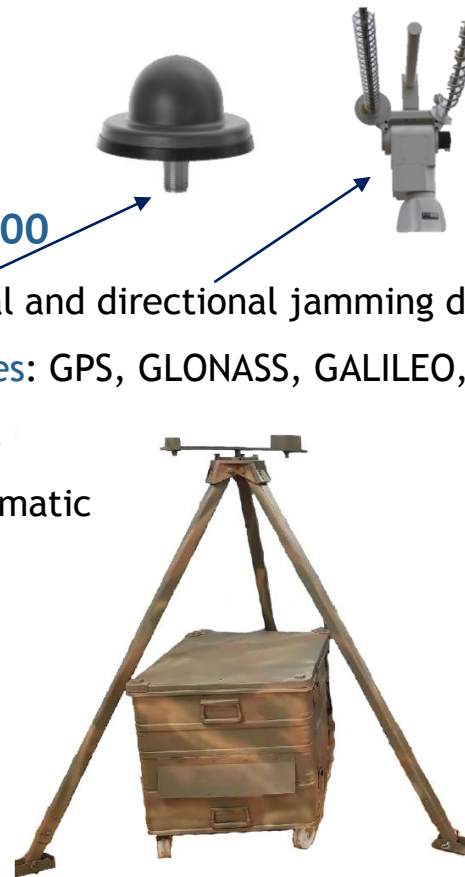
## UAV Scrambler 1000

Type: Omnidirectional and directional jamming device

Scrambled frequencies: GPS, GLONASS, GALILEO,

Control of the drones

Mode: Manual & automatic



Innovation Excellence Expertise



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Thank you for your attention