

UTM COMMUNICATIONS SYSTEMS

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Identification and control of any UAV from
anywhere in world



Available Data Sources



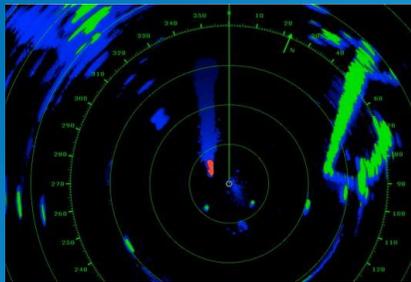
UTM SERVICES



TRANSPONDER



UAV's / M2M



Ground Sensors

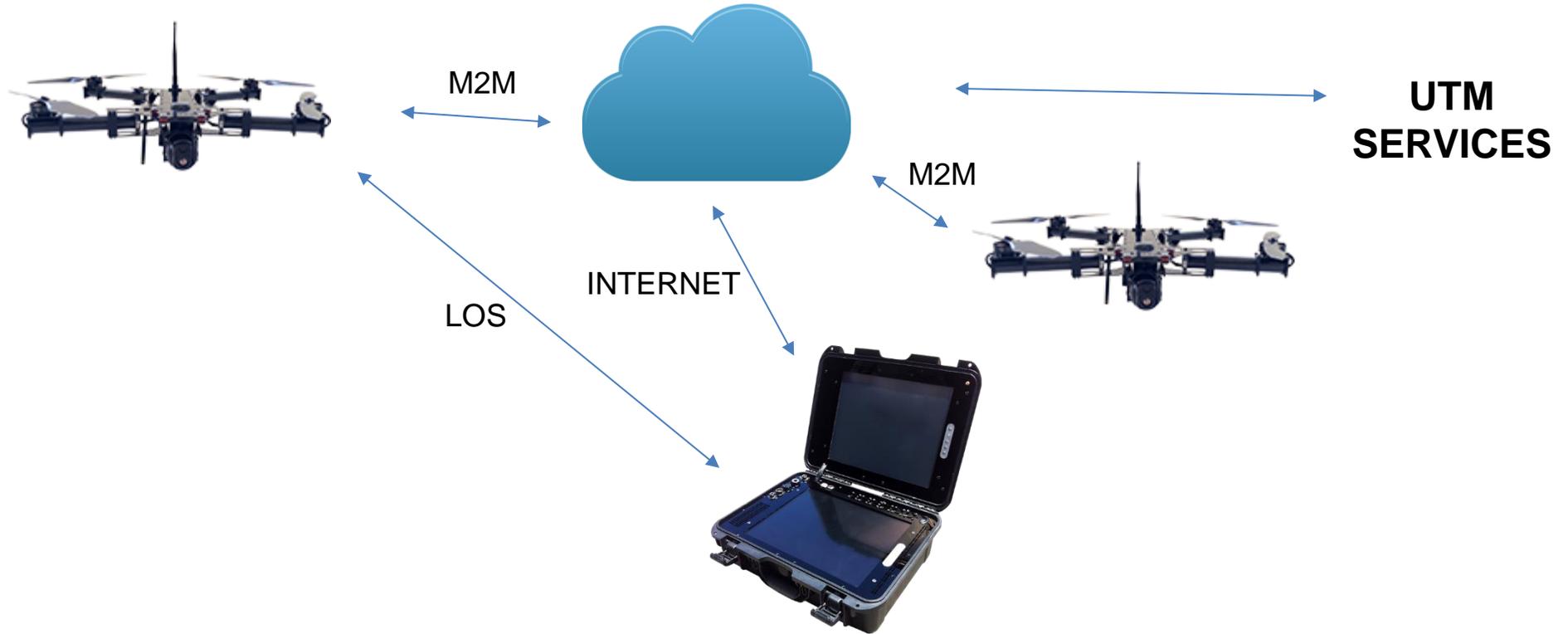


Onboard Sensors

Autopilot as a union link
where data is concentrated

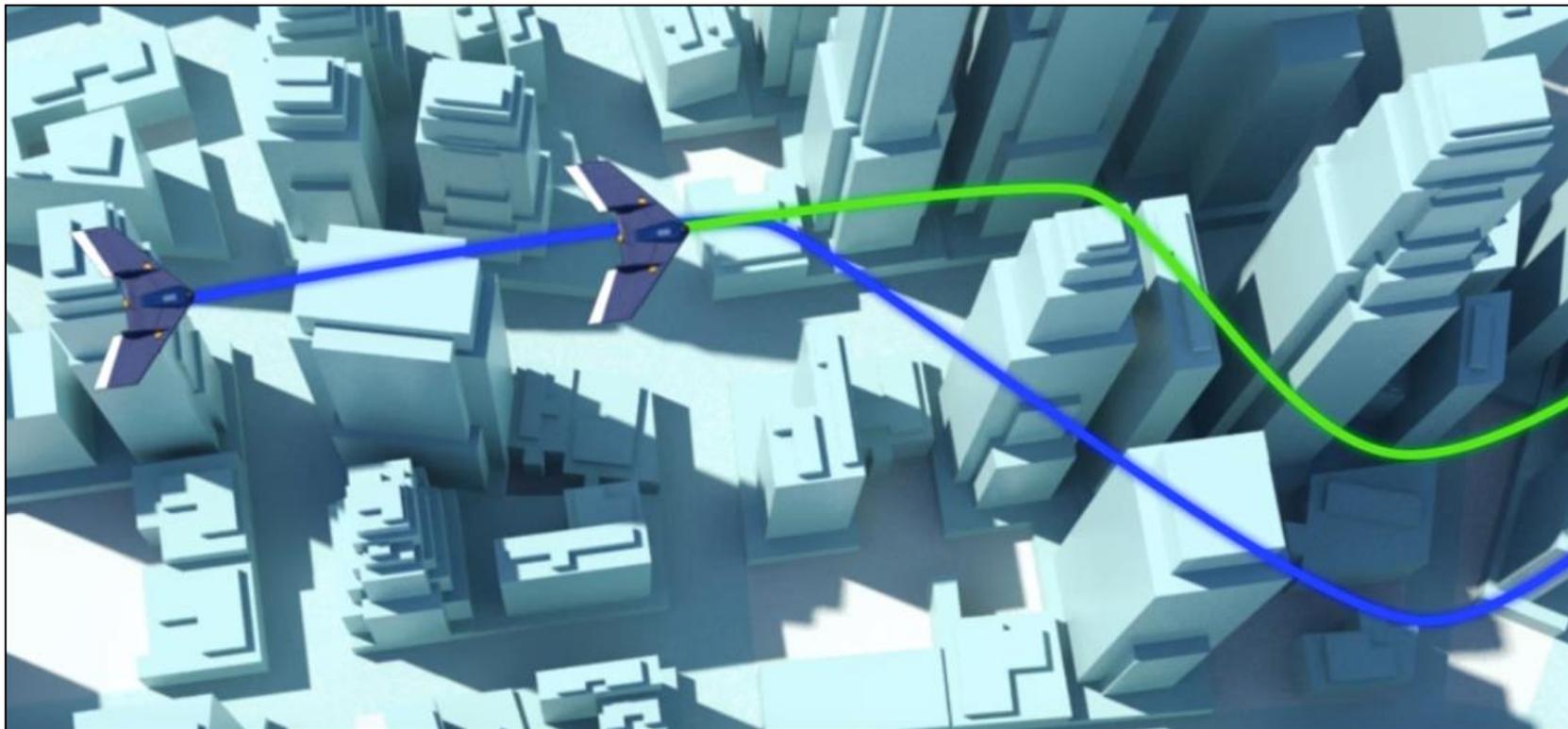


Cloud Connectivity



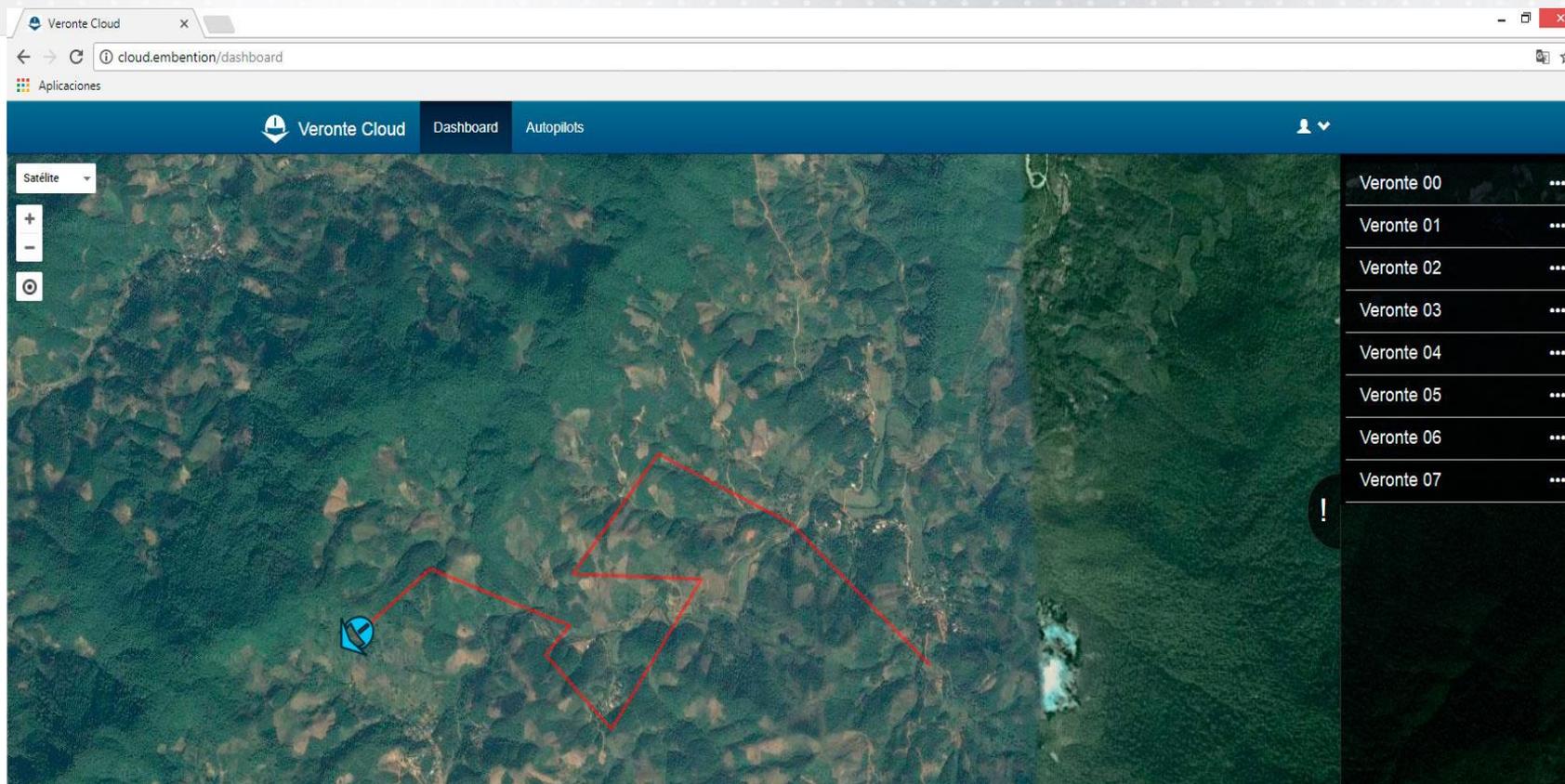
Global Cloud based database for
UTM control

M2M Communications



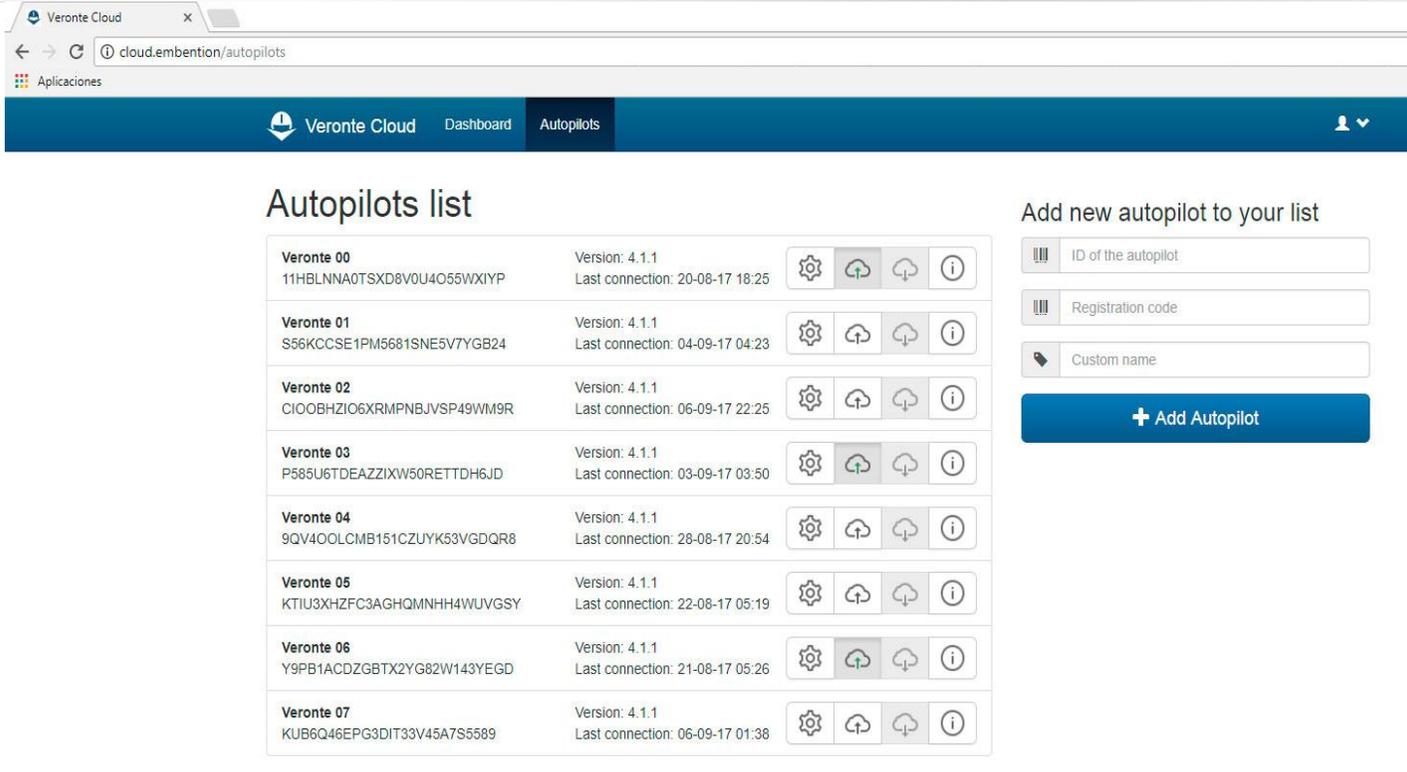
Collaborative Sense & Avoid M2M Communications





Internet Access for flight
monitoring

Common UAV Register



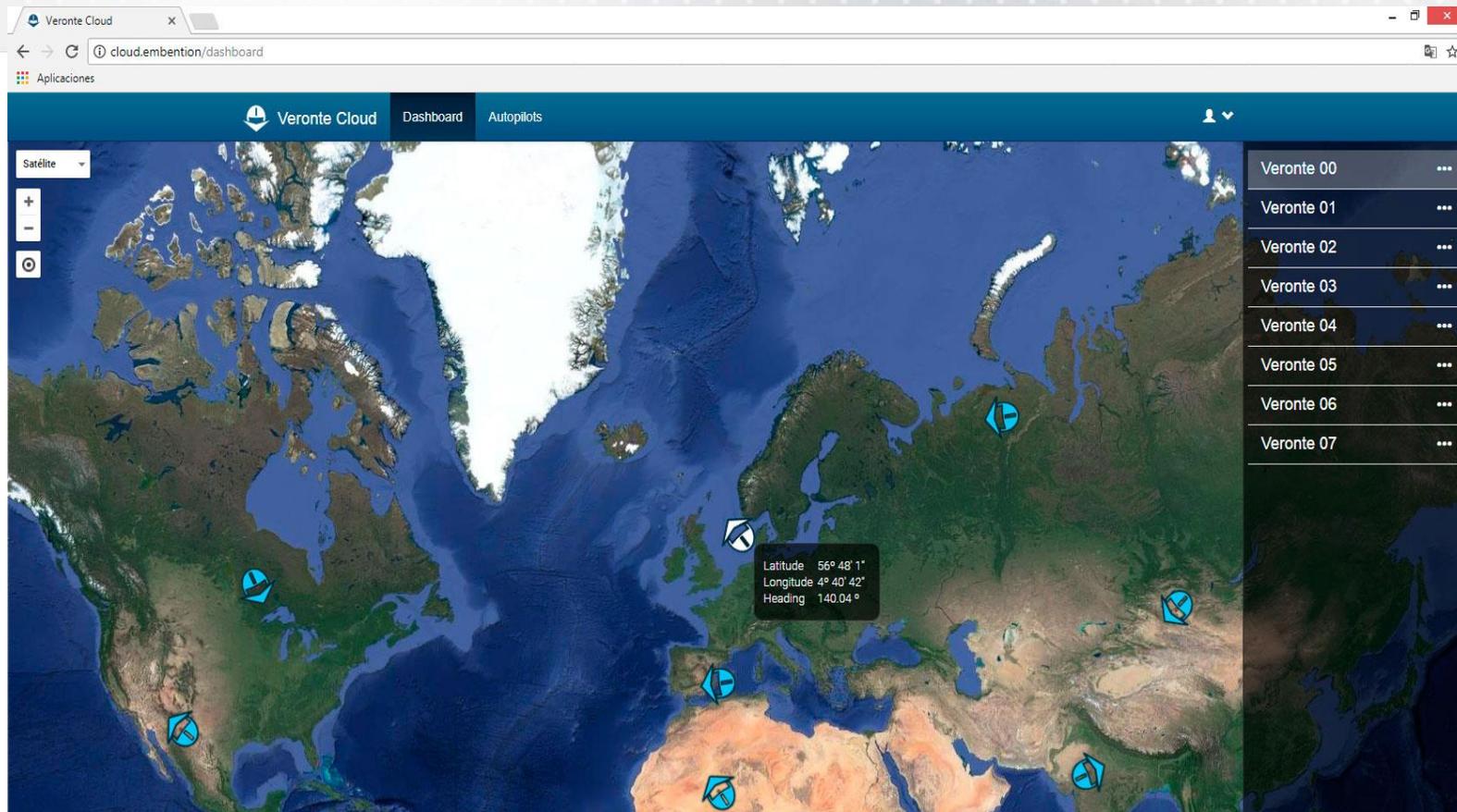
The screenshot shows a web browser window with the URL `cloud.embention.com/autopilots`. The page title is "Autopilots list". On the right, there is a form titled "Add new autopilot to your list" with three input fields: "ID of the autopilot", "Registration code", and "Custom name", followed by a blue "+ Add Autopilot" button.

Autopilot ID	Version	Last connection	Actions
Veronte 00 11HBLNNA0TSXD8V0U4O55WXIYP	Version: 4.1.1	Last connection: 20-08-17 18:25	[Settings] [Refresh] [Share] [Info]
Veronte 01 S56KCCSE1PM5681SNE5V7YGB24	Version: 4.1.1	Last connection: 04-09-17 04:23	[Settings] [Refresh] [Share] [Info]
Veronte 02 CIOOBHZIO6XRMPNBJVSP49WM9R	Version: 4.1.1	Last connection: 06-09-17 22:25	[Settings] [Refresh] [Share] [Info]
Veronte 03 P585U6TDEAZXIXW50RETTDH6JD	Version: 4.1.1	Last connection: 03-09-17 03:50	[Settings] [Refresh] [Share] [Info]
Veronte 04 9QV4OOLCMB151CZUYK53VGDQR8	Version: 4.1.1	Last connection: 28-08-17 20:54	[Settings] [Refresh] [Share] [Info]
Veronte 05 KTIU3XHZFC3AGHQMNHH4WUVGSY	Version: 4.1.1	Last connection: 22-08-17 05:19	[Settings] [Refresh] [Share] [Info]
Veronte 06 Y9PB1ACDZGBTX2YG82W143YEGD	Version: 4.1.1	Last connection: 21-08-17 05:26	[Settings] [Refresh] [Share] [Info]
Veronte 07 KUB6Q46EPG3DIT33V45A7S5589	Version: 4.1.1	Last connection: 06-09-17 01:38	[Settings] [Refresh] [Share] [Info]

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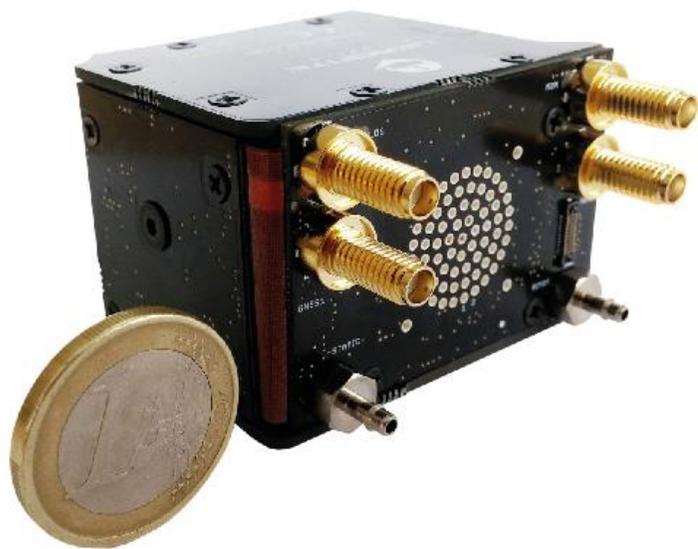
Aircraft register in a common database

Unmanned Traffic Control



Joint interface for **UAV position monitoring**

Autopilot role in UTM



- Advanced Communications
 - LOS / 4G / M2M / Satcom
- Cloud connectivity (Veronte Cloud)
- External Source
 - Transponder / Radar / ...
- Avoid algorithms
- DO254 & DO178 Compliance





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