

Digital Cities

UAV Retina



Leveraging drone sensors for decision support

The platform offers drone augmented vision of a scene to rescue teams: objective-based automated control makes it transparent to gather information while data analysis filters relevant information.

Scanning large areas of avalanches for victims to be rescued in less than 15 minutes, or detecting people on the top of a building on fire are obvious cases where the augmented vision offered by drone sensors can literally save lives.

Piloting one or several drones on such sites is a hard task that is made transparent with an objective-based drone control platform.

On the other hand, using data analytics to help filtering relevant data and making sense of the large amount of information gathered is the key to assist decision making in critical situations.

Competitive Advantages

- Objective-based drone piloting platform directly brings the control to the decision maker
- Data analytics and field-oriented user interface let the relevant data be visible.

Target Markets

- Fire departments (France, Italy)
- Avalanches search and rescue teams (France, Italy)
- Improvised explosive devices detection (France).

Status/Traction

Pilot :

- SDIS 35 (fire department).

Partners :

- Bright Cape (data analysis)
- Fondazione Bruno Kessler (planning and scheduling, image processing and scene recognition)
- JCP Connect (drone fleet communication).

Road Map

2019

- creating the startup, assembling a MVP, convincing investors, selling 2 platforms.

2020+

- consolidating a team, consolidating partners relationships, accentuating marketing, investigating new applications, assemble a finite product, developing sales.

Connect



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