Drones for Asset Management
By 2035, the number of unmanned aerial vehicle operations per year will surpass that of manned aircraft.

Oliver Wyman - 2015

Industrial drone usage will jump from 393 M EUR in 2016 in France to over 1 billion EUR in 2020!

Xerfi Research - 2018

Total number of drones in circulation in EU is moving from less than 100 000 in 2018 on a trend of more than 420 000 in 2050

EASA - 2018
ASSET MANAGEMENT

Terms of Service

Risk Mitigation

Performance

Maintenance Costs

Asset Availability

Revenue Generation
2018:
135 Projects
107 Industrial
First Client Aboard (CFF)
75 Land Surveys

40 people (+15 in 12 months)
20 000 km of lines surveyed
Services for Field Experts to Asset Managers

20 SNCF Technicians Operational Pilots
+ 20 Technicians in Training
First Algorithm for Track Extraction
First Algorithm for Signal/People Detection
ETCS 2: LIDAR on Helicopter 300km of Lines
ETCS 2: LIDAR on Helicopter 300km of Lines
IN2SMART: In Brienz Switzerland, Rockfall Analysis
OSCAR: Program for field technician training
OSCAR: Program for field technician training

- 40 Trained People
- >200 flight request
- >100 Earth Works
- French Law
- Zero Accident
- 1 River Bath
VADOR: People detection for Fret Train Manoeuvre
BIM: Drones make Digital Twin of Existing Asset Seem Easy!
KEEP CALM AND DO ASSET MANAGEMENT
GARE DE L’EST  : How to inspect 250 Catenary anchors while having 1 train every minute ?
TOXIC WASTE INCINERATOR: How to inspect chimney and access without stopping the site OR expose people to danger?
CONCLUSION

Ask for Industrial Services
Move Expertise from Site to Office
Scan larger portions of your asset regularly and program detailed inspections
Keep Assets Running
Keep People Safe
Avail BOTH detailed data AND oversight
Call us
Plus d’informations :
Anthony Victor MEHL
Anthony-victor.mehl@altametris.com
Portable : 06 49 71 91 66
Twitter : @ALTAMETRIS @AVMEHL
Site web : www.altametris.com