

THE DRONE REVOLUTION: most common uses

FIRE FIGHTING

They can be used in **prevention** activities by tracing risk maps with aerial photographs; **planning the fire extinguishing operations**, flying over the affected area using thermographic cameras and **participate in the fire extinguishing operations as an active member**: transporting up to 300 litres of nebulised water.



RESCUE OPERATIONS IN NATURAL DISASTER ZONES

They can **scan affected areas with their thermographic cameras to locate missing persons**. Their reduced dimensions allow them to go to places that are hard to reach and find isolated persons; they can also deliver food and water to survivors.



PREDICTIVE MAINTENANCE OF POWER GRIDS

Power grids sometimes run through areas that are hard to reach and, therefore, drones are the perfect solution to inspect and service these grids. **They speed up these inspections and avoid having to interrupt the supply.** Likewise, they improve the service quality and continuity and increase productivity.



SERVICES FOR ISOLATED TOWNS AND LOCATIONS

A German courier and logistics company made the first delivery of goods using a drone: a package with medicines was sent from their office in Norddeich to the island of Juist. Therefore, **drones can be used to deliver medicines and supplies to isolated towns and rural environments.**

