

## UAV Services – High Risk / Specialised

Some solutions for asset integrity management require unique UAV services, especially where there may be high levels of risk involved and/or extremely demanding piloting required, such as offshore drone inspection.



### THE Applus+ SOLUTION

Applus+ has some of the most experienced and skilled UAV service teams in the world. We pride our UAV services on being cable of completing highly complex surveillance tasks and overcoming unusual technical challenges. The unmanned aerial services at Applus+ draw on the skills of some of the field's foremost experts, our professional-grade equipment and our specialist innovation centre.

Uniquely, the UAV services at Applus+ incorporate 3D CAD design, 3D printing and rapid prototyping capabilities in-house. Not only can we provide the core flying equipment and pilots, but we can also custom engineer payloads to suit very specific, one-off tasks.

We have at our disposal unique ground-based robotic crawlers, telescopic-pole camera systems, electric winch-operated cameras and other highly specialist remote-controlled equipment to supplement the use of UAVs in the successful resolution of an almost limitless range of unusual tasks.

### Target customers

The UAV services cover flights with higher risk, which may require the use of specialist surveillance techniques, including: UAV inspections of radioactive material, remotely UAV infrastructure inspection in confined spaces with precision control, payload delivery or payload retrieval, and first-response for UAV search and rescue missions.

## Key customer benefits

Applus+ is able to adapt our UAV services to a wide range of environments and situations quickly and efficiently to support clients who are dealing with emergency situations or trying to keep pace with rapidly changing scenarios.

The use of in-house (or even on-site) 3D printing technology within our UAV services allows the Applus+ teams to both modify and to create new solutions at minimal notice. We can even devise new surveillance methods and access solutions if circumstances change during an UAV inspection or UAV mapping campaign.