

Schiebel Develops Manned-Unmanned Teaming Technology for CAMCOPTER® UAS



Schiebel has announced that it has been working with defense and aviation technology company Patria to integrate Patria's sophisticated Compact Airborne Networking Data Link (CANDL) communication network onto the CAMCOPTER® S-100 Unmanned Aircraft System (UAS).

The two European companies' joint effort is the first step of an ongoing program of work examining how the CAMCOPTER® S-100 can be deployed to directly support manned helicopter operations.

The S-100 is a Vertical Takeoff and Landing (VTOL) UAS, designed for both for military and civilian applications, that can be equipped with a wide range of payload combinations and is capable of carrying a 75 lbs/34 kg load for up to 10 hours.

Patria's CANDL is a single data link solution for communications requiring high reliability and provides a solid backbone to explore the benefits of Manned-UnManned Teaming (MUM-T) operations, where the combined strengths of each air asset can be optimized to increase overall situational awareness and enhance decision making.

Chris Day, Schiebel's Chief Technical Officer, commented: "Using the unmanned element of a MUM-T operation to provide both the forward and higher altitude view will help to keep pilots and the manned assets safe as well as improve overall mission effectiveness."