

Intel Falcon 8 System Available for North American Markets



Topcon Positioning Group has announced the new Intel Falcon 8+ System, a patented V-shaped eight-rotor unmanned aerial system (UAS) for the United States and Canada markets that will be distributed by Topcon.

Building on the success of the initial [Topcon Falcon 8](#) System, the new generation Intel Falcon 8+ System is an advanced UAV featuring the triple redundant AscTec Trinity autopilot and has full electronic system redundancy. It also includes the Intel Cockpit ground control and the Intel Powerpack smart battery system.

The Intel Falcon 8+ System expands on the success of Topcon's rotary-wing UAS offering, said Eduardo Falcon, executive vice president and general manager for the

Topcon GeoPositioning Solutions Group. It offers the highest stability in harsh conditions, easily exchangeable and deeply integrated payloads, best-in-class safety and high-precision GNSS, he added.

The Intel Cockpit ground control is a water resistant station – built for operators to plan and execute highly complex missions with ease with the integration of the complete single hand flight control joystick. In addition, the Intel Cockpit ground control features an Intel based tablet and also supports low latency digital video links – allowing for up to 1080p resolution for the best possible live view.

Falcon said he is excited to provide Topcon customers with the opportunities to generate this level of aerial precision data for inspection and monitoring, as well as survey and mapping applications. The Falcon 8+ System represents a new standard for commercial-grade UAS, providing imagery with millimetre accuracy detail, and structural analysis important to infrastructure assessments.