



Friday, 20 March 2020

ALTITUDE ANGEL & INVOLI FORM STRATEGIC DATA PARTNERSHIP

Lausanne, Switzerland: Altitude Angel, the world's leading UTM (Unmanned Traffic Management) technology provider and INVOLI, the market leading low-altitude air traffic data provider, are to form a strategic partnership which will give ANSPs, operators, pilots and drone-centric risk management applications, an unrivalled picture of airspace. The partnership will help define the requirements for UTM both now and in the future.

Having worked successfully together on the Gulf of Finland trials throughout the summer of 2019 and most recently at the African Drone Forum and Lake Kivu Challenge 2020, where Altitude Angel were the lead and umbrella UTM provider and INVOLI delivered its unique air traffic awareness system and drone tracking solution, it was clear to both organisations the benefits of moving from an informal working relationship to forming a strategic partnership.

By integrating INVOLI's complete and reliable low-altitude air traffic awareness data stream with Altitude Angel's airspace and ground hazard data, via its GuardianUTM platform, a true situational awareness picture of the drone ecosystem will be created. This in turn will enable organisations who are adopting UTM technologies to have a 'best-in-class' enriched data source.

In addition, Altitude Angel will also have the ability to propagate the data from INVOLI to other applications and partner platforms, including, DroneSafetyMap.com, Guardian App, and bespoke national drone apps from ANSPs.

Manu Lubrano, INVOLI CEO and co-founder said: "As two of the world's most progressive organisations whose shared aim is to open our skies safely and securely to regular, automated drone flights, I'm excited by our partnership with Altitude Angel. The next few years are critical for the drone industry, and we're pleased to have Altitude Angel at our side to together enable safe drone-use worldwide."

Richard Parker, Altitude Angel, CEO and founder added: "Strategic partnerships, like the one we have formed with INVOLI, are a clear demonstration of how two businesses with a mutual vision for future drone flights can collaborate and in doing so, move an entire industry forward. The addition of INVOLI's data to our already comprehensive platform will bring a new clarity to the airspace picture and in doing so, bring BVLOS flight a step closer."

Altitude Angel's airspace and ground hazard data is already integrated into leading drone-centric risk management applications, including Airmate, Skywatch and Dronecloud. The data supplied gives operators a unified view of the airspace to ensure they can fly safely – whatever application they are using.

ENDS

About Altitude Angel:

Altitude Angel is an aviation technology company delivering solutions which enable the safer integration and use of fully automated drones into airspace. Through its Airspace Management platform, GuardianUTM O/S, they deliver the essential software platform which enable national deployments of U-Space compatible services, safely unlocking the potential of drones and helping national aviation authorities and air navigation service providers to establish new services to support the growth in the drone industry.

The foundation components of GuardianUTM O/S are also available to enable third-party UTM developers to incorporate enterprise-grade data and services into their UTM solutions.

Altitude Angel was founded by Richard Parker in 2014 and is headquartered in Reading, UK.

Altitude Angel's developer platform is open and available to all at <https://developers.altitudeangel.com>.

About GuardianUTM:

GuardianUTM enables drone manufacturers and software developers to connect into a rich, dynamic source of accurate, authoritative and relevant information to support geofencing, while offering enhanced UTM capabilities such as a single interface to multi-country flight authorisation.

The system is being deployed by NATS, the UK's main air navigation service provider, and was demonstrated as part of 'Operation Zenith' in 2018, offering enhanced airport safeguarding and automated approvals to fly in controlled airspace. Altitude Angel is now bringing online functionality to enable drone pilots anywhere in the world to get 1-click access to controlled airspace.

Its companion product, GuardianUTM O/S, supports all the functionality required to deliver national-grade drone traffic management capabilities to any country that wishes to safely unlock the potential of drones.

Introduction video: <https://www.youtube.com/watch?v=Bd0pvUrS07g>

For further information or to arrange an interview, please contact:

Stephen Farmer, Altitude Angel, Head of Corporate Communications & PR

Tel: +44 (0)118 321 4100

stephen@altitudeangel.com

About INVOLI:

INVOLI is a multi-award-winning Swiss company with a mission to safely and efficiently open the sky to all flying objects. INVOLI presents a paradigm shift in providing the currently missing air traffic data to drones: only by knowing where other aircraft may come from can one avoid it. Thus "giving eyes to drones" will facilitate their safe integration into an increasingly busy sky, enabling drones to avoid any other flying objects when on a collision course (airplanes, helicopters, drones, parachutists etc.)

INVOLI's mixed hardware-software system integrates advanced surveillance data into UTM systems to unlock the full potential of drones across many sectors such as infrastructure, agriculture, surveying, aerial photography or urban air mobility.

INVOLI was founded by Manu Lubrano, Mélanie Guittet and Cristina Mihalachioiu in 2017 and is headquartered in Renens (VD), Switzerland.

INVOLI is part of the Swiss U-Space Implementation, nation-wide collaborative effort for safely integrating drones into the airspace, led by the Swiss Civil Aviation Authority and Swiss Air Navigation Service Provider skyguide, alongside a growing group of industry stakeholders.

In 2019, INVOLI participated to SESAR funded project trials of GOF SESAR Project in Finland-Estonia to deploy the portable version of its detection solution and provide air traffic awareness to these ambitious demonstrations.

INVOLI is also a part of the 5G!Drones project, a European project funded under Horizon 2020 Programme, which aims at driving drone and 5G industries to a win-win position, by showing that 5G is able to accommodate the complex needs of the drone technology and can support challenging use cases that put pressure on network resources, such as low latency or ultra-reliable communications.

To learn more about INVOLI, visit: www.involi.com.