'Highest level of Safety for Freedom Class Giant Drone Racing™'

Press Release - March 3rd , 2017

Melbourne, AUS – Australian start-up Freedom Class Giant Drone Racing™ announced today that it will be proudly partnering with French-based Hionos, an innovative drone aeronautical software company.

Hionos is a full subsidiary of Sogilis (http://sogilis.com.au), a company bringing years of aeronautical software development experience to the table with the first drone-dedicated equipment to meet and exceed civil aviation regulations.

Freedom Class™ management expect this partnership to be able to demonstrate and execute a key point of difference; being 'Treating Safety as Value'. The notion that safety is a value is at the forefront of Freedom Class Racings™ executive planning for the sport's development.

The ability to race in a safe, controlled environment with the large Freedom Class Racing Drones™ is something of longer-term value legacy and critical for the laying out the foundations for the Freedom Class World Series™.

The partnership with Hionos underpins the Freedom Class Racing Drones™ and supports the Freedom Class Series™ safety-first culture. It also provides a well-developed framework with a demonstrable safety engineered solution. This can be presented to stakeholders both local and international, including aviation safety agencies and related sport federation bodies, supporting Freedom Class Racings™ sound process for identifying, analysing, monitoring and improving the management of the most important Drone Racing Sport related risks.

Hionos's company mission is to develop and deliver ready-to-use off the shelf components aiming at making drones as safe and secure as aircraft in any environment, including the most extreme being that of Freedom Class Giant Drone Racing™. To achieve this ambitious goal, Hionos has developed a comprehensive set of systems:

- **Pulsar** is a highly reliable autopilot system, compliant with the most demanding aeronautical standards: DO-178C at its highest level of criticality (DAL-A). For its development, Hionos has been using cutting edge formal proof methodologies, mathematically guaranteeing the absence of bugs. Pulsar provides all features necessary for a fully automated flight and embeds Fail-Safe mechanisms for maximum safety.

- **SignalPack** is a component aimed at drone manufacturers to meet international regulatory compliance issues all around the world by managing positioning, signalling and performance restrictions. SignalPack features automatic identification and fly zones restriction. It is compatible with all drones, either already on the market or soon to be released.

To learn more about this partnership, please contact –

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