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Informazione Regolamentata n. 2464-31-2022	Data/Ora Ricezione 19 Luglio 2022 08:55:05	Euronext Milan
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Societa' : CIVITANAVI SYSTEMS
Identificativo : 165015
Informazione
Regolamentata
Nome utilizzatore : CIVITANAVIN01 - Galletti
Tipologia : REGEM
Data/Ora Ricezione : 19 Luglio 2022 08:55:05
Data/Ora Inizio : 19 Luglio 2022 08:55:07
Diffusione presunta
Oggetto : Honeywell, Civitanavi Systems to develop
new inertial measurement units for
aerospace customers

Testo del comunicato

Vedi allegato.

HONEYWELL, CIVITANAVI SYSTEMS TO DEVELOP NEW INERTIAL MEASUREMENT UNITS FOR AEROSPACE CUSTOMERS

New HG2800 inertial measurement units are low-cost, low-power solutions for precision pointing and device stabilization

Pedaso (FM), July 19, 2022 – Civitanavi Systems (EURONEXT MILAN: CNS.MI) and Honeywell (NASDAQ: HON) two leading manufacturers of inertial navigation, georeferencing and stabilization systems, have announced a collaboration to develop inertial measurement units, attitude heading reference systems and inertial navigation systems for commercial and defense customers.

The HG2800 high-performance, tactical-grade inertial measurement unit (IMU) will be the first product launched under this collaboration, and it will be used on a wide range of commercial and military aircraft, among other applications. The HG2800 IMU includes fiber-optic gyroscopes (FOG) and micro-electromechanical system (MEMS) accelerometers designed for improved pointing, stabilization and short-duration navigation at low power and low noise.

“Civitanavi Systems is very happy to announce our collaboration with Honeywell on this new IMU. This is a truly synergistic opportunity for such a new stabilization and guidance product. We believe that this collaboration will combine Civitanavi Systems’ exceptional agility and leading high-performance FOG technology with Honeywell’s market leadership to provide a game-changer in the global marketplace,” said Andrea Pizzarulli, CEO and co-founder, Civitanavi Systems.

“At Honeywell, we have a long history of delivering high-precision inertial products for use in commercial, military and industrial platforms, and this collaboration with Civitanavi Systems will expand our expertise. The HG2800 IMU will come in multiple variants, utilizing Honeywell next-generation MEMS Accelerometer technology, coupled with Civitanavi Systems’ low-cost, high-performance FOG sensors to provide a new suite of products,” said Matthew Picchetti, vice president and general manager, Navigation & Sensors, Honeywell Aerospace.

The HG2800 IMU is a low-noise, high-bandwidth, high-performance, tactical-grade IMU designed for pointing, stabilization and short-duration navigation applications in a small-form factor (32 cubic inches). The product is initially being introduced in two

variants — the HG2801, an IMU that originates entirely in the European Union, and the HG2802, a non-ITAR classified IMU.

This new range of IMUs will be commercially available in the first quarter of 2023. For more information on the HG2800 family of IMUs, visit [Honeywell's IMU product page](#).

About Honeywell

Honeywell is the trusted leader with decades of experience engineering and manufacturing high-performance navigation and sensor products for commercial, defense, industrial and space applications.

Honeywell Aerospace products and services are found on virtually every commercial, defense and space aircraft. The Aerospace business unit builds aircraft engines, cockpit and cabin electronics, wireless connectivity systems, mechanical components and more. Its hardware and software solutions create more fuel-efficient aircraft, more direct and on-time flights, and safer skies and airports. For more information, visit www.honeywell.com or follow us at [@Honeywell_Aero](#).

Honeywell (www.honeywell.com) is a Fortune 100 technology company that delivers industry-specific solutions that include aerospace products and services; control technologies for buildings and industry; and performance materials globally. Our technologies help aircraft, buildings, manufacturing plants, supply chains and workers become more connected to make our world smarter, safer and more sustainable. For more news and information on Honeywell, please visit www.honeywell.com/newsroom.

About Civitanavi Systems

Civitanavi Systems is a market leader in PNT (Position Navigation and Timing). Thanks to a vertically integrated business model and a constant desire for technological innovation, Civitanavi excels in the design, development and production of high-precision inertial navigation and stabilization solutions.

The application of proprietary methods and technologies, based on FOG (Fiber Optic Gyroscope) and MEMS (Micro Electro Mechanical Systems) technology, enables the company to best meet the specific needs of its customers, depending on the sector in question: aerospace, defense and industrial.

The company's headquarters is in Pedaso (FM) on the Adriatic coast of Italy's Marche region, where the main development and production activities are located. The company has also Rome (Ardea) and Naples (Casoria) offices and a Business Development Unit in the United Kingdom. For further information, please visit our website at www.civitanavi.com.

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Fine Comunicato n.2464-31

Numero di Pagine: 4