

PRESS RELEASE

CIVITANAVI SYSTEMS INAUGURATES A NEW OFFICE IN TURIN

The Company invests in the country by introducing new technological solutions in the field of satellite navigation onto the market

Pedaso (FM), July 27th 2023 - **Civitanavi Systems S.p.A.**, a company active in the design, development and production of navigation and inertial stabilisation systems (the "**Company**" or "**CNS**"), inaugurates its new headquarters in Turin, in order to strengthen its presence at a national level and improve its product offering, in particular on satellite navigation systems.

As part of Civitanavi's activities, the new headquarters in Turin is responsible for designing and developing GNSS (Global Navigation Satellite System) algorithms and technologies. The talented employee team in Turin has decades of experience in satellite navigation.

Andrea Pizzarulli, CEO of Civitanavi Systems, commented, *"Having the availability of a proprietary GNSS receiver allows us to design navigation systems on our national territory that are deeply coupled with the inertial sensors already produced by the company, in line with the trend outlined by recent scientific research. The goal is to exploit the complementarity of different technologies according to digital architectures called tight and ultra-tight and introduce new solutions on the market in the PNT domain (Position, Navigation, and Time)."*

Currently, in Turin, Civitanavi is working on improving countermeasures against interfering signals, which, as demonstrated by the numerous GNSS signal outages caused by jamming attacks in various GNSS-based applications encountered in recent years and in particular in Ukraine and Russian conflict scenarios, continue to present themselves as a current problem to be solved. (ref: 'When GPS fails, how can weapons find their targets? The location system is vulnerable to jamming by the enemy' from The Economist of July the 14th 2023, www.economist.com/the-economist-explains/2023/07/14/when-gps-fails-how-can-weapons-find-their-targets).

Within this context, Civitanavi Systems considers the availability of authenticated Galileo signals to be an added value to its development strategy. When suitably combined with integrated GNSS/INS platforms and miniaturised atomic clocks (Chip Scale Atomic Clocks), they can become an extremely effective tool against spoofing attempts.

In this sense, the Company intends to propose new solutions able to satisfy the needs dictated by real applications, in which safety is a key factor.

The press release is available in the Investors section of the Company website www.civitanavi.com/investors/comunicati-stampa/

Civitanavi Systems S.p.A.

Headquarter: Via del Progresso 5, 63827 Pedaso (FM) - ITALY

Rome Office: Via Pontina Vecchia km 34, 00040 Ardea (RM) – Naples Office: Via G. Pascoli, 7, 80026 Casoria (NA)

Turin Office: Corso Francia 35, 10138 Torino (TO) – ITALY

VAT n. IT01795210432 | Phone +39 0733 773648 - Fax +39 0733 1997156

Email info@civitanavi.com | Pec civitanavi@pec.it

www.civitanavi.com





Civitanavi Systems, born as a start-up in 2012, is one of the main players in the design, development and production of inertial navigation and stabilization systems used in the aerospace and defense sectors in space, terrestrial, aeronautical, naval and industrial, mining and oil & gas. The Company vertically provides high accuracy systems, designed and manufactured with methods, techniques and algorithms based on FOG (Fiber Optic Gyroscope) and MEMS (Micro Electro Mechanical Systems) technology, also integrated with devices for satellite navigation. Today it carries out its activities in Pedaso (FM) and in other locations, in Ardea (RM), in Casoria (NA) and in Turin (TO), counting on a staff of around 160 employees operating throughout Italy.

Investor Relations

Letizia Galletti
Phone: +39 0733773648
investorrelations@civitanavi.com

Media Relation

Image Building
Via Privata Maria Teresa, 11
20123 – Milano
Phone: +39 02 89011300
civitanavi@imagebuilding.it

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