

PRESS RELEASE

International Nurses Day, 12 May 2023

THE REVOLUTIONARY 5.0 AUTOMATED CART: SUSTAINABILITY AND ERGONOMICS FOR THE WELL-BEING OF OPERATORS

The first automated and robotic healthcare cart for administering medicines and managing medical devices supports the operator in patient care.

Travagliato (Bs), May 2023 – To help mark **International Nurses Day**, celebrated around the world every May 12 and facilitated by the International Council of Nurses to commemorate the birthday of Florence Nightingale, the founder of modern nursing, Antares Vision Group presents the 5.0 automated cart for the management of medicines and medical devices, designed to improve the well-being of nurses and healthcare professionals during patient care administration and treatment operations.

The 5.0 automated cart is part of the **Medication Management platform (MMP)**, which also contains a **5.0 automated cabinet** for cart replenishment and the latest generation software that manages the traceability, planning, and monitoring of stocks and orders, integrates with electronic health records, and optimizes visibility of efficiency parameters.

The MMP was designed with the aim of guaranteeing sustainability and ergonomics to healthcare staff: physical, relieving them from the labor associated with traditional carts; cognitive, relieving them from low-value-added activities to allow them to focus on patient care; organizational, with greater safety in **administering the right drug, with the right dose, to the right patient, at the right time**. The cart, in addition to **automatically reloading** the medicines and devices necessary for treatment once the patient has been identified, **supplies the medicines directly to the worktop**, making the entire process efficient, safe, and traceable. The cart is also equipped with a servo-assisted movement system that makes it easier to move and maneuver and simplifies administration and treatment operations.

The cart can also be integrated with traditional cabinets found in healthcare facilities and can be adapted to space and capacity requirements. A trial phase conducted with the **San Raffaele hospital** in Milan achieved excellent results on efficacy and benefits to nurses and patients, and the cart was featured at the March 22-24 **EAHP Congress** (European Association of Hospital Pharmacists) in Lisbon, Portugal.

Next, the cart will be shown at the **48th ANMDO Congress** (Associazione Nazionale Medici delle Direzioni Ospedaliere) in Naples, Italy, from 17 to 19 May. At that event, Antares Vision Group – a technological partner in digitalization and a leader in traceability, quality inspection, and integrated data management – will collaborate with L.I.G.H.T. Scarl (Lifescience Innovation Good Healthcare Technology), a project it partners on with the University of Brescia and Dompé Farmaceutici, to confirm the high value of innovation by qualifying the role of health professionals as a reference in patient care.

The new **5.0 healthcare cart** was developed by the Antares Vision Group Digital Healthcare Department in collaboration with the Research Center for Advanced Technology in Health & Wellbeing of the IRCCS San Raffaele Hospital in Milan.

*“The trial phase demonstrated how the automated system was an improvement over traditional systems in all objective metrics”, says **Adriano Fusco, Digital Healthcare Department Director of Antares Vision Group**, “with a particularly high significant improvement in safety and efficiency, thanks to the strong reduction of low-value activities, to allow healthcare personnel to concentrate on what really matters: patient care”.*

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About Antares Vision Group

Antares Vision Group is driving digitalization of products and supply chains by leading traceability, inspection, and integrated data management. AV Group helps companies and institutions to achieve safety, quality, efficiency, and sustainability, enabling Trustparency®.

DIAMIND, AV Group's integrated ecosystem of solutions, simplifies the technology environment and supports businesses growth by enabling a data-driven and tailored journey to digital innovation. Connecting physical products with digital identities, DIAMIND runs at the line, factory, warehouse, enterprise, and supply chain levels, and guarantees product quality (inspection systems and equipment) and end-to-end traceability (from raw materials to production, from distribution to the consumer and back) through integrated data management, applying artificial intelligence and potentially blockchain.

AV Group operates in the Life Science (pharmaceuticals, medical devices, and hospitals), Beverage, Food, Cosmetics, Chemicals, and Packaging industries and potentially many others.

AV Group has been listed in STAR segment of Euronext since 14 May 2021 and has been included in the Euronext Tech Leaders index, dedicated to leading tech companies with high growth potential, since July 2022.

In 2022, Antares Vision Group recorded a turnover of €223 million. The Group operates in 60 countries, employs more than 1,100 people, and has a consolidated network of over 40 international partners.

Antares Vision S.p.A.

Via del Ferro, 16 – 25039 Travagliato (BS) – Italy

T: +39 030 7283500

info@antaresvision.com – www.antaresvisiongroup.com

Raffaella Mora | PR Specialist Antares Vision Group

raffaella.mora@partner.antaresvision.com

+39 349 0709470

Ufficio Stampa

Soluzione Group S.R.L. – Via F. Lana, 1 – 25020 Flero (BS) – Italy

T: +39 030 3539159

Giusy Martin | Cell. +39 3881681168

martin@soluzionegroup.com