

## **PRESS RELEASE**

# **THE ANTARES VISION GROUP AUTOMATED HOSPITAL CART SELECTED FOR THE ADI DESIGN INDEX IN THE 'DESIGN FOR WORK' CATEGORY**

**It is the most advanced system in the world for the supply, dispensing and traceability of medicines in healthcare facilities.  
Ergonomics, automation, efficiency and safety with a design that revolutionizes routine in healthcare facilities**

Travagliato (Bs), 7 November 2023 – **Antares Vision Group's Automated Cart** has been selected by **ADI Design Index** in the '**Design for Work**' category, in which **functional ergonomics for the operator** is the highlight. The selection is made every year by ADI, the Association for Industrial Design, which identifies the best Italian design in terms of functionality, typology and process, as well as materials used and formal synthesis. The projects are selected by the ADI Permanent Design Observatory, which pays **particular attention to sustainability** in its evaluations.

Antares Vision Group's Automated Cart is the work of **designer Fabio Ferrante**, developed by **Antares Vision Group's Digital Healthcare department** in collaboration with the **IRCCS Ospedale San Raffaele's Research Center for Advanced Technology in Health & Wellbeing in Milan**, and is the world's **most advanced system for the replenishment, dispensing and traceability of medicines** and medical devices for healthcare facilities, from the central pharmacy to patient administration.

This innovative trolley **has a unique ergonomics for healthcare workers**: it is equipped with assisted handling, which **avoids physical efforts such as constantly pushing, lowering and raising** to retrieve the medication in the drawers. The cart is part of Antares Vision Group's Medication Management Platform (MMP). Thanks to its features, the automated cart marks a new paradigm in therapy management: healthcare personnel are relieved of the more repetitive tasks - such as filling the cart or searching for drugs to be administered - allowing them to concentrate on patient care. The cart is automatically loaded within minutes and without the need for human intervention; once the patient has been identified, the therapy prescription appears on the display and the robotic system that is part of the trolley design presents the drugs directly on the work surface.

*"It is a great satisfaction to have reached this milestone, not only because of what it represents, but also because only products that are selected can take part in the ADI Compasso d'Oro, a very important recognition in the national panorama,"* said **Adriano Fusco, Digital Healthcare Department Director of Antares Vision Group**. *"Our automated cart marks a new paradigm for healthcare facilities, operators and patients; it ensures the right dose of medicine to the right patient at the right time, avoiding human error".*

The design met all evaluation targets: **Design for Ergonomics and Design for Automation** for the robotic system, the only one of its kind in the world, which automatically dispenses drugs directly onto the worktop, **Design for Efficiency** as the cart automatically loads medicines and medical devices allowing operators to concentrate on patient care, and **Design for Safety** as it ensures the right dose of drug to the right patient at the right time and, thanks to its innovative design, allows errors in the canonical treatment process to be eliminated. Last but not least, **Design for Sustainability** in optimising consumption and limiting drug waste.

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### **Antares Vision Group**

Antares Vision Group is driving digitalisation 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 1,300 people, and has a consolidated network of over 40 international partners.

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