**AT PACK EXPO 2024, ANTARES VISION GROUP TO SHOWCASE INSPECTION, SERIALIZATION AND SUPPLY CHAIN DIGITALIZATION TECHNOLOGIES FOR FOOD & BEVERAGE SECTOR**

***Company will demonstrate product and packaging inspection equipment,***

***track & trace systems and serialization technologies, among other solutions.***

*Mount Laurel, NJ* - **Antares Vision Group** – a technology partner in product and supply chain digitalization for enterprises and institutions, and a leader in track & trace and quality control systems – will demonstrate its latest solutions for the food & beverage markets at **Pack Expo 2024**, November 3-6 in Chicago. At **Booth S-3754**, the company will exhibit a variety of Inspection and serialization technologies that help guarantee product quality and traceability. Such solutions integrate production line control systems with digital ones, providing authenticity proof and loyalty-building customer transparency via comprehensive traceability from raw materials to finished product.

Combined, the solutions provide holistic quality control and traceability from initial inspection through consumer use, and allow brand owners to collect valuable data for informed production, supply chain and marketing decisions.

**ALL-IN-ONE: ONE SOLUTION, MULTIPLE INSPECTIONS**

Among the highlights for Antares Vision Group at Pack Expo is the **ALL-IN-ONE** equipment portfolio for food & beverage applications. The series incorporates multiple inspection controls into single machines, maximizing production space and manpower efficiencies while offering exemplary quality assurance. The **ALL-IN-ONE** moduledisplayed at Pack Expo will incorporate a leak detection system for detecting micro-leaks in packaging; an X-ray module for identifying various contaminants including glass, stones, metal, bone, high-density plastics and other foreign materials; and a checkweigher for precise, dynamic weight confirmation.

Another version of ALL-IN-ONE checks packaging labels and codes (alphanumeric, QR Codes, Datamatrix etc.) to verify presence, legibility, position, inclination and format alignment, welding and overall printing integrity. This system can be integrated with a track & trace platform that manages serial numbers throughout the supply chain, enabling features that encourage customer engagement, identify grey markets for brand protection, and manage re-usable assets.

All totalled, combinable features for the ALL-IN-OINE series include elements for regulatory compliance, container integrity, micro-leak and contaminants detection, weight control, and labeling/print verification for parameters such as expiration date and lot code. With these combination solutions, Antares Vision Group aims to balance the often difficult-to-square needs for multi-faceted quality control and streamlined production optimization.

**CAP-FILL LEVEL INSPECTION**

At Pack Expo, Antares Vision Group will also showcase its **IT+CL 700-IoT system** for integrated cap and fill level inspection, designed to guarantee cap quality and correct fill levels. The cap inspection unit detects problems related to closures, including cap absence or misalignment, deformed or curved caps, missing or damaged tamper bands, and upper surface deformities for various types of caps, including flat, tethered, sport-cap, cork and roop**.**

The system can incorporate as many as five high-resolution cameras to meet different requirements. The CL700-IoT module detects fill levels, rejecting containers that do not comply with preset parameters and/or regulations. The inspection system can perform level control for all types of liquids and packaging via the most effective technology for each specific application, with available options including X-ray, Infrared and High Frequency (with foam compensation) detection. This flexibility enables inspection utilizing a broad series of parameters for a wide range of product types – all through a single control panel and in a compact overall footprint.

**THE VALUE OF SERIALIZATION**

For food & beverage brand owners, assigning a univocal code to each unit makes each product unique throughout its supply chain journey. This enables manufacturers to perform specific activities to improve logistics, protect brands and create direct relationships with consumers.

Among the serialization-centric applications offered by Antares Vision Group is the **Digital Deposit Return System**. This sustainable initiative manages reusable and refillable PET bottles during rejects and recalls, with an emphasis on plastics recycling. The result is sustainability-minded product authenticity and final customer engagement.

In addition, thanks to an integrated hardware and software solution designed for component compatibility, Antares Vision Group simplifies the implementation and management of the serialization system. This guarantees data coherence at all platform levels, reducing the time and costs of implementation and maintenance, and guaranteeing more efficient technical assistance. The integration of hardware and software also minimizes the risk of error in data collection and processing, since the systems are designed to work in synergy for enhanced legislative compliance and product traceability. Lastly, as part of food & beverage serialization solutions, Antares Vision Group can provide an application for the high-speed printing of QR CODEs on bottle caps.

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**ANTARES VISION GROUP**

Antares Vision Group is an Italian multinational, listed on the STAR segment of Euronext and included in the Tech Leaders index, dedicated to companies with high growth potential. It enables the digitalization of products and supply chains through traceability, inspection for quality control and integrated data management. Through DIAMIND, the integrated ecosystem of solutions, the Group supports companies and institutions in ensuring safety, quality, efficiency and sustainability of products and end-to-end traceability across the supply chain, with integrated data management, boosted by artificial intelligence and blockchains. It operates in the Life Science and in FMCG sectors. It is the world leader in T&T systems for pharma products, supplying major global manufacturers and numerous government authorities. It recorded a turnover of €214M in 2023, operates in 60 countries, employs over 1,300 people, and boasts a network of over 40 international partners. [www.antaresvisiongroup.com](http://www.antaresvisiongroup.com).

