PRESS RELEASE

ANTARES VISION GROUP AT ACHEMA: SAFETY, EFFICENCY AND SUSTAINABILITY WITH THE NEXT-GEN DIGITALIZATION OF PRODUCTS AND SUPPLY CHAINS IN PHARMACEUTICAL SECTOR

Antares Vision Group will present a comprehensive ecosystem of solutions and technologies: inspection systems and machines, solutions for track and trace for transparency of supply chains and products and smart data management of products and processes to guarantee safety, efficiency and sustainability

Frankfurt Am Main, 22nd August - Antares Vision Group, technology partner for the digitalization of products and supply chains through a comprehensive ecosystem of software and hardware solutions: inspection, traceability, and data management, will be at **ACHEMA (Hall 3.0, Stand B4),** the world forum for process industries, that will take place **from 22nd till 26th August in Frankfurt, Germany**.

During the fair Antares Vision Group will present the solutions which are part of this comprehensive ecosystem.

INSPECTION SYSTEMS: THE SMOOTHEST WAY TO SECURE PACKAGING CONTROL AND PRODUCT INTEGRITY
In order to guarantee product and packaging integrity, ACHEMA 2022 will see the debut of several inspection systems.
AV Blister Filling Control Compact: this latest inspection solution performs multiple compliance controls on products across the complete blister surface (e.g. colour, size, integrity, shape, and presence of cracks, dots or spots). It works with tablets, capsules, and gelatins, even in complex situations such as products with text or with two sides colours.
AV Print Inspector Stick Pack: This vision inspection control is dedicated to stick packing machines. The system is installed where the aluminium foil is unrolling and, thanks to seven cameras positioned inside the unit, it verifies the correctness of different codes (1D, 2D), OCR, and OCV across every single track during the packaging process.
AV Print Inspector: Software and hardware kit that can be easily integrated with any labeling, printing or packaging machine to provide inline complete full-label inspection of web at speed. **Promach's WLS** will present the **AUTONOMY®**, high-speed, full-color, stand-alone digital label printer, **with the AV PI inspection solution on board.**
AV Universal Packaging Inspector: the suite of high-performance cameras and software licenses designed to assure full control of the packaging process in the pharmaceutical industry. The AV UPI is completely scalable, versatile and can be empowered by AI. **Heino Ilsemann Hall 3.0 Booth #H97**, is specialized in innovative packaging machines made in Germany for pharmaceutical companies. In ACHEMA, on their cartoning machine solution our AV UPI performs several quality inspections.

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INSPECTION MACHINES: LEADING-EDGE TECHNOLOGIES AND PROVEN DESIGN FOR TOTAL QUALITY

At ACHEMA it will also be presented an **automatic visual inspection system for pre-filled syringes**. The Antares Vision Group VRI-VI 060 S series achieves the highest quality standards through an advanced Automatic Visual Inspection system that **detects particles, cosmetics, and filling level defects**. It also conducts **container closure integrity testing** with integrated **high-voltage technology that detects leakages** that may affect a product's guaranteed sterility.

This fast, smooth handling system **minimizes the risk of product breakages and scratches** thanks to individually motorized grippers and guide-less conveying with vacuum-operated starwheels.

TRACK AND TRACE: THE GLOBAL FULL STACK SOLUTION SHAPED AROUND COMPANY NEEDS

Antares Vision Group is also **global leader in track and trace** and in ACHEMA will showcase a well-established and reliable **solution for the serialization and aggregation** of packaged pharmaceutical products in compliance with worldwide regulations, particularly the EU FMD and the US DSCSA.

Serialization operations will be managed by a machine in Antares Vision Group Print & Check series, designed for quick and easy deployment. Semi-automatic aggregation will be performed on the new **Matrix Station Top View**, completely redesigned with a high-resolution auto-focus camera that's automatically triggered to read each full layer of cartons or bottles inside the case during the aggregation process.

In **ACHEMA** visitors will have the opportunity to see also the **HRC in-line automatic aggregation solution**. This aggregation kit will be available for demo live at the **Siempharma's booth – Hall 3.0 #A**4. Siempharma boasts decades of experience in the construction of pharmaceutical, nutraceutical and cosmetic packaging machines.

SUPPLY CHAIN TRANSPARENCY: END-TO-END VISIBILITY TO MAXIMIZE BUSINESS VALUE

The ultra-secure cloud-based traceability system enables the **end-to-end connection of the physical and digital worlds**. It is a holistic, fully validated, preconfigured, automated platform solution for all entire supply chains, from L1 to L5.

The **L4 and L5 solutions ensure compliance and connectivity with partners and regulatory authorities**. Antares Vision Group supports mature and emerging regulations, provides access to global serialization and traceability reporting systems, and brings added value by enabling 24/7 real-time security and innovative options for **brand protection and consumer engagement**.

By integrating AV Group strategic partner **Edgyn's fingerprint technology ADFIRMIA™** solution within the line, cloud, and mobile applications, Antares Vision Group offers the most secure, connected, and non-intrusive product authentication and brand protection suite for the pharmaceutical industry.

DIGITAL FACTORY: THE DATA-DRIVEN PLANT MANAGEMENT SUITE TO ENHANCE PRODUCTIVITY

Antares Vision Group has developed a complete software platform to **empower the ongoing smart factory digital revolution**.

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Digital Factory will leverage Big Data Analytics, Artificial Intelligence, and the Internet of Things to provide customers with dedicated insight on **improving OEE and overcoming factory challenges**, developing a modular solution with specific functionalities tailored for plant managers, traceability, efficiency, quality, maintenance, and even sustainability.

MEET ANTARES VISION GROUP
ACHEMA, 22-26 AUGUST - HALL 3.0, STAND B4

ANTARES VISION GROUP
Antares Vision Group is a technological partner of excellence in digitalization and innovation
for undertakings and institutions, to guarantee the safety of products and people, the competitiveness of businesses and the protection of the planet.
It provides a unique, comprehensive range of technologies to guarantee product quality (inspection systems and machines) and product traceability along the supply chain (from raw materials to production, from distribution to the consumer) by leveraging the integrated management of production and supply chain data, as well as applying artificial intelligence and blockchain technology. Antares Vision Group is active in the life sciences (pharmaceutical, biomedical devices, and hospitals), beverage & food and cosmetics sectors, and has the potential to expand to other sectors.
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