

# PRESS RELEASE

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## A booth for the partners specialists in robotics and handling Effidence and Manitou & an EffiBOT on Leuze booth, expert in innovative detection solutions.

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- Find the Effidence | Manitou's booth: Hall1, F20 booth.
  - Find Leuze: Hall1, L22 booth.
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At this beginning of 2023, Effidence and Manitou announce their presence at the Global Industries world industrial exhibition which will take place this year from 7 to 10 March 2023, at Eurexpo Lyon. For this event, the partner companies will present on their booth their **robotic stacker EffiBOT-P**, as well as their latest AMR, the **EffiBOT-XS**. A standard **EffiBOT** will also be on site for Follow-me demonstrations.

The particularity of the robotic stacker is its triple use, with its different modes available; manual, autonomous and follow-me. The AMR, equipped with two side touch screens, allows for ergonomic and efficient use of the missions accomplished, as well as essential traceability in industry. Its multiple sensors and cameras make it a perfectly safe robot, able of collaborating with, or near operators and other machines. It will be in action on the stand to lift and transport loads on pallets.

The EffiBOT-XS, the latest innovation from the partnership, is a compact and agile AMR, on which it is possible to add different equipment according to the encountered needs.

- A 3D-CartGRIP XS trolley gripper, with perfect load securing and identification.
- Motorised rollers for interconnecting conveyors, the Convey-LINK XS.
- A load lifting device, a Lift XS, which will be on the stand for demonstration.

An EffiBOT with its **Convey-LINK motorised roller** equipment will also be present on the booth of the international expert in automation sensors, Leuze. The AMR, in demonstration, will be interacting with the **Plug-and-Carry®**, an **intelligent modular conveyor** by BOA Concept, an intralogistics specialist and Effidence partner for several years.

A number of safety solutions will also be on display at Leuze booth. One of the solutions presented on site - **DSPA (Safety of Robot / AGV Transfer Stations)**. The danger zone of the robot and the working area of the transfer station must be protected against access by persons during the entire process. The vehicle must be able to enter and leave the work area fully automatically. The entire transfer station area is secured by safety laser scanners. They detect access and the presence of people in their protective fields. When an AGV passes by, the contour of the AGV is dynamically masked from the protective fields. This ensures that the station remains optimally secured at all times.

Another Leuze Safety Solution on site - **SAS (Material Transfer Station Access Monitoring)**. One of the challenges of material transfer stations is to reliably distinguish between people and material, regardless of the shape and size of the goods being transported. If the load is always the same, it is possible to find consistent safety concepts; however, if the load is variable or incomplete, safety gaps quickly appear. Safety concepts often also require the next process to be stopped during the transfer in order to guarantee the necessary protection of the company's personnel.

This reduces the utilisation and thus the efficiency of the system. With its well-thought-out safety concept, the Leuze safety solution for transfer stations is the optimum solution for these applications.

LEUZE safety solutions and Manitou Effidence AMRs work together perfectly to create a **100% safe working environment**.

### **About Effidence**

Effidence provides innovative robotic solutions to optimize intralogistics flows and order picking applications of the industry or logistics. Founded in 2009 by Cédric TESSIER, Effidence offers agile and efficient robotic solutions that adapt to the needs of its customers and their growth: collaborative robots "follow-me" and autonomous to work with or near humans, standalone robots or cooperating fleet type "swarm-me". In 2020, Effidence has signed a strategic partnership with the Manitou group to distribute EffiBOT robots in Europe, and market Manitou warehouse trucks (stacker, tractor, order picker, ...) robotized from Effidence technology.

### **About Manitou Group**

Manitou Group is a global leader in materials handling, people lifting and earthmoving equipment. Its mission is to improve working conditions, safety and performance throughout the world, while protecting people and the environment. Through its emblematic brands - Manitou and Gehl - the group designs, produces and distributes equipment and services for the construction, agricultural and industrial sectors. By placing innovation at the heart of its development, Manitou Group constantly seeks to bring value to all its stakeholders. Thanks to the expertise of its network of 900 dealers, the group is closer to its customers every day. Faithful to its roots, with its head office located in France, Manitou Group will record a turnover of 2.4 billion euros in 2022 and brings together 5,000 talents throughout the world with passion as its common driver.

### **About Leuze**

Leuze is an international expert in automation sensors. The high-tech product range includes a large number of different sensors for automation, including switching and measuring sensors, identification systems as well as solutions for data transmission and image processing. As a safety expert, Leuze also focuses on components, services and solutions for occupational safety. The increasing automation of processes places greater demands on safety concepts. Conventional concepts such as muting often reach their limits, for example at transfer stations and in enclosures. Innovative safety solutions guarantee seamless safety, efficient material flow and high availability of your plant, even in automation.

### **About BOA Concept**

BOA Concept, founded in 2012, is an innovative player and specialist in intralogistics, listed on the Paris Stock Exchange on the Euronext Growth market. BOA Concept's installations work on the principle of intelligent objects (IOT) thanks to an embedded intelligence and have convinced big names in logistics and e-commerce in Europe and North Africa. Thanks to the ease of reuse of its made-in-France solutions, the company is fully committed to a CSR policy (#reUse). By favouring modular designs, BOA Concept democratizes access to automation by offering automated and robotic systems for intralogistics that are easy to implement and to upgrade. Led by a team of 80 people, 40% of whom work in the design and R&D departments, it is based on the values of flexibility, reactivity and innovation. For more information: [www.boa-concept.com](http://www.boa-concept.com)

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