

PRESS RELEASE

Romagnat, the 26th of October

An outdoor **EffiBOT** in logistics train for the Japanese market at SEKISUI HEIM

- A robot whose modularity has met the requirements of the Japanese market
- An outdoor AMR for inter-building conveying

EffiBOT, customized regarding SEKISUI's needs

Effidence, already present on the Japanese market through its partner Marubeni MSYS, keep up with its international deployment. This Japanese partner represents and promotes its AMR with a real willingness to propose the appropriate robotic solutions according to the customer. It is a reliable associate, involved in the challenges of Industry 4.0 and able to quickly implement solutions.

Thus, Effidence and Marubeni were able to meet the expectations of the customer SEKISUI HEIM. This one was looking for a solution to convey parts between its buildings.

They were interested in the EffiBOT with its inflated steering wheels and its ability to work outdoors. To further meet their needs, the robot platform was enlarged, and a profile structure was added to the robot platform to integrate a touch screen.

As the Japanese market is particularly sensitive to positive and safe integration with operators, Marubeni MSYS and SEKISUI proposed the implementation of indicators on the EffiBOT, to participate in its continuous improvement. Signals already present on the robot complete this safety: flashing light, luminous glass. All these elements allow the robot to constantly warn surrounding operators of its presence and its trajectory.

These requirements resulted in a customized and unique autonomous mobile robot for the customer's indoor/outdoor logistics train application.

SEKISUI HEIM:

"The ability to add equipment as required in terms of safety was a major factor in our decision to use EffiBOT. We intend to make use of the expandability of EffiBOT beyond safety aspects in the future.

EffiBOT is suitable to cooperate in a mixed environment because we can set the detection distance and detection areas (e.g. pedestrian crossings) of people and objects as we wish. Support for parts and modifications was provided through MSYS, and we were able to implement the system quickly. After the introduction, the implementation of the main unit UI in Japanese was also very helpful for operators on site."



About Effidence

Effidence provides innovative robotic solutions to optimize the intralogistics flows of key players in the industry or logistics. Founded in 2009, 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 Marubeni Information Systems

MARUBENI INFORMATION SYSTEM, created in 1981, is a provider of high value-added solutions and services that use advanced IT technologies. With its in-depth knowledge of various sectors including manufacturing, distribution, services, retail and financial sectors, Marubeni has the capabilities to provide its clients with design advice, system construction, operation and maintenance.

More information on: <https://www.marubeni-sys.com/>

About SEKISUI HEIM

SEKISUI HEIM utilize modular construction methods that use factory production to build steel framed and wooden modular housing that take into consideration comfort, safety and security, environmental friendliness precisely in accordance with design specifications.

More information on: <https://www.sekisuichemical.com/about/outline/segment/housing/>

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