



**Effidence**  
Intelligence for mobile robotics



**MANITOU**  
GROUP

### 2020 : Strategic partnership

Designing a new generation of warehouse automation systems and equipment for the automation of logistics warehouses and factory automation.



Since 2009, Effidence is specialized in robotics for logistics and industry. With its multidisciplinary team, the Auvergne company deploys its expertise and asserts itself as a reference in the optimization of flows. The company is exported throughout the world to automate warehouses in Europe, Asia and on the American continent.

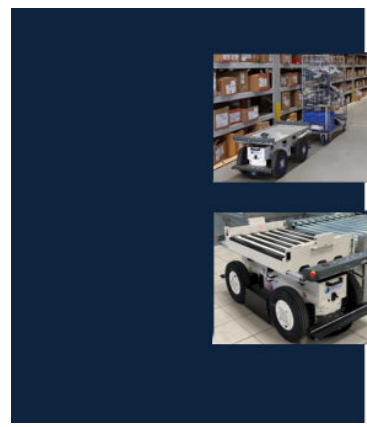


- 4 steering wheels
- 2 or 4 driving wheels
- Payload: 300 kg
- Traction capacity: 500 kg
- Maximum speed: 6 km/h
- Battery autonomy: 8 h
- Weight: 130 kg
- Communication: WiFi

The **EffiBOT** autonomous mobile robot has made Effidence famous.

Our range :

- **EffiBOT-XS** ; carries, conveys and grips your loads up to 300 kg
- **EffiBOT-XL** ; carries and conveys your loads up to 1 T
- **EffiBOT-T** ; tows your loads, up to 5 T
- **EffiBOT-P** ; carries and transports your pallets up to 2 T
- **EffiBOT-PF** ; coming soon : carries and conveys your pallets up to 1.3 T



Single-track trailer  
**Shaped-Trailers**

Mobile conveyors  
**Convey-LINK / Convey-DROP**

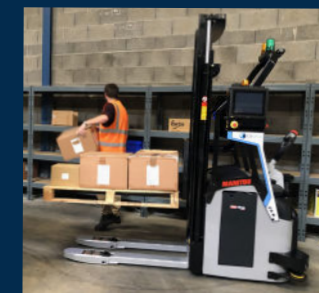


Gripping system  
**3D-CartGRIP**

Automatic release  
**Hook-A**

## Use cases

## Your benefits



Order picking



Parts conveying



Line-side supply



Towing or logistics train

### Functions common to our AMRs, (Autonomous Mobile Robots) :

- «Follow-me»: people tracking.
- Reduction of tedious, physical efforts with low added value
- **Autonomous**
- Saves time and productivity
- Flexibility and adaptation to your process
- Optimisation of the whole logistics process
- Reduction of repetitive tasks for operators

## Fleet coordination



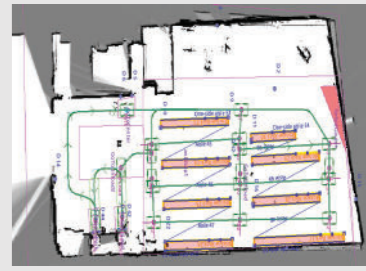
The FCS, (Fleet Coordination System) is a computer server that coordinates the traffic of a fleet of robots and interfaces with external systems:

- ERP, WMS/WCS,
- signalling,
- industrial machines,
- remote screens and consoles...

## Environment mapping

Ergonomic software that maps the robot's environment.

Training is available to make you autonomous: modify your picking zones, storage areas or scenarios as you wish.



\* All our solutions are customisable according to the customer's process.