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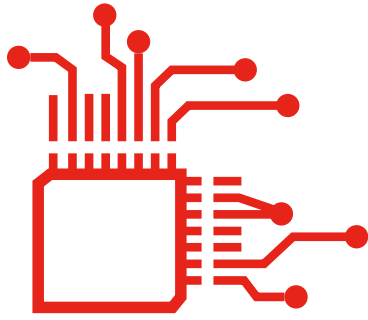www.maccorobotics.com

v.02.18

We believe in improving people's lives.

We are an **innovative** technological company.

Our knowledge on hardware and software in the fields of robotics, image recognition and artificial intelligence allows us to develop leading-edge technologies for retail, industry and services.

We believe **technology helps making things possible**.

Our mission is to deliver innovation through new technologies in order to improve businesses and people's lives.

Technical Skills
Hardware & Software

Multi-Robot System

Navigation, Mapping and Control

Computer Vision (3D, Stereo, RGB, etc.)

Multi-Sensors Control

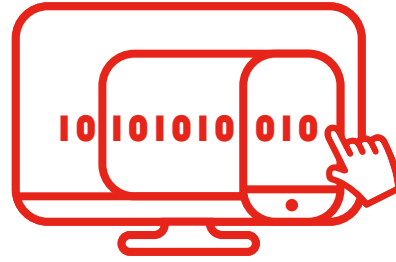PCB Prototyping

Embedded Systems Design and Programming

Image Recognition

Artificial Intelligence

C, C++, ROS, QT

Robotics Simulation

Interactive Multimedia Development

Interactive Solutions

Augmented reality
Interactive surfaces
Virtual assistant holograms
Video mapping
Immersive room experiences
Virtual reality simulators
Touchless interfaces
Lifelike experiences
Mobile apps

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What if your shopping cart followed you everywhere?

wiiGO retail

The **ultimate** customer's in-store **experience**.

The wiiGO is an **autonomous** and **self-driven** shopping cart, designed to help people carry their purchases.

The latest technology in image recognition enables the wiiGO to follow anyone, with or without reduced mobility, improving the customer's in-store experience **like never before**.

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Customizable to it's core.

Support for printed advertising

Screen Content

Fitted Basket

Additional support

Colour costumization available

Start/Stop button

Simple and intuitive way to activate the wiiGO.

3D depth cameras

Allow full recognition of the user and ensure the follow-up throughout the purchasing process.

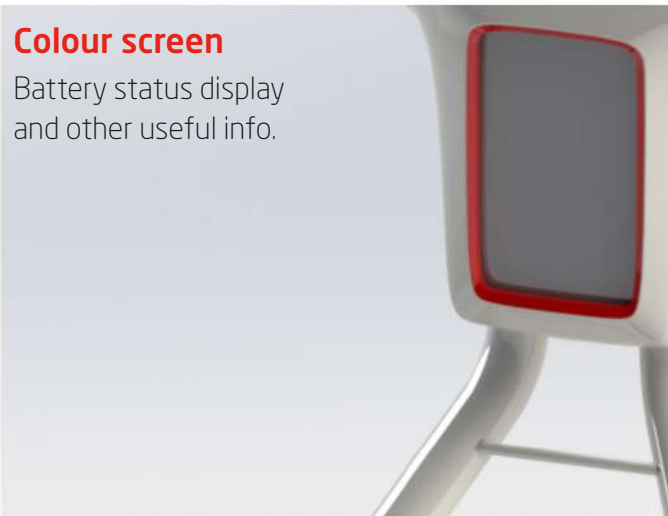## Emergency push-button

Allows instant disabling of the wiiGO.

Proximity sensors

Identification of obstacles and other dangers by keeping a safe distance from the user.

Colour screen

Battery status display and other useful info.

Handles

To attach bags easily.

LIDAR

Enables a complete 360º environment recognition.

Two batteries

Lead batteries with 6 - 8 hours of autonomy.

Your Brand
on the move.

viGO curator

The first **self-driven,
customizable display**.

The Curator can **follow** promoters,
greet or inform your audience.

Based on the lastest wiiGO technology,
the Curator allows you to **promote
your brand**, your content,
in two customizable screens.

Greeting and speaking, QR codes reading
and ticket printing, you name it!

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Cameras

Allow environment awareness and recognition of users and audience.
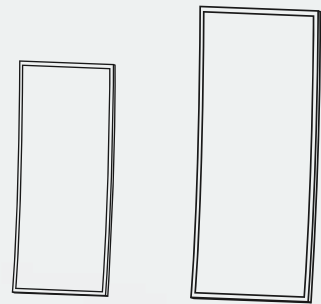
Display

Customizable screens adaptable to your content.

Interaction

Touch Screen
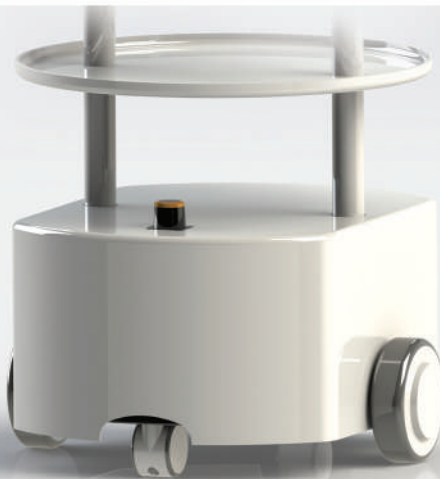Wi-Fi
Bluetooth
Speakers

24"   34"

Other features

Customizable tray capable of carrying up to 5kg

The adaptation of the wiiGO curator is extensive, from greeting at your local dealership to promoting and offering information at the event stands.

Greeting and speaking, reading QR codes and printing tickets, endless possibilities.

Advertising and customer assistance among others.

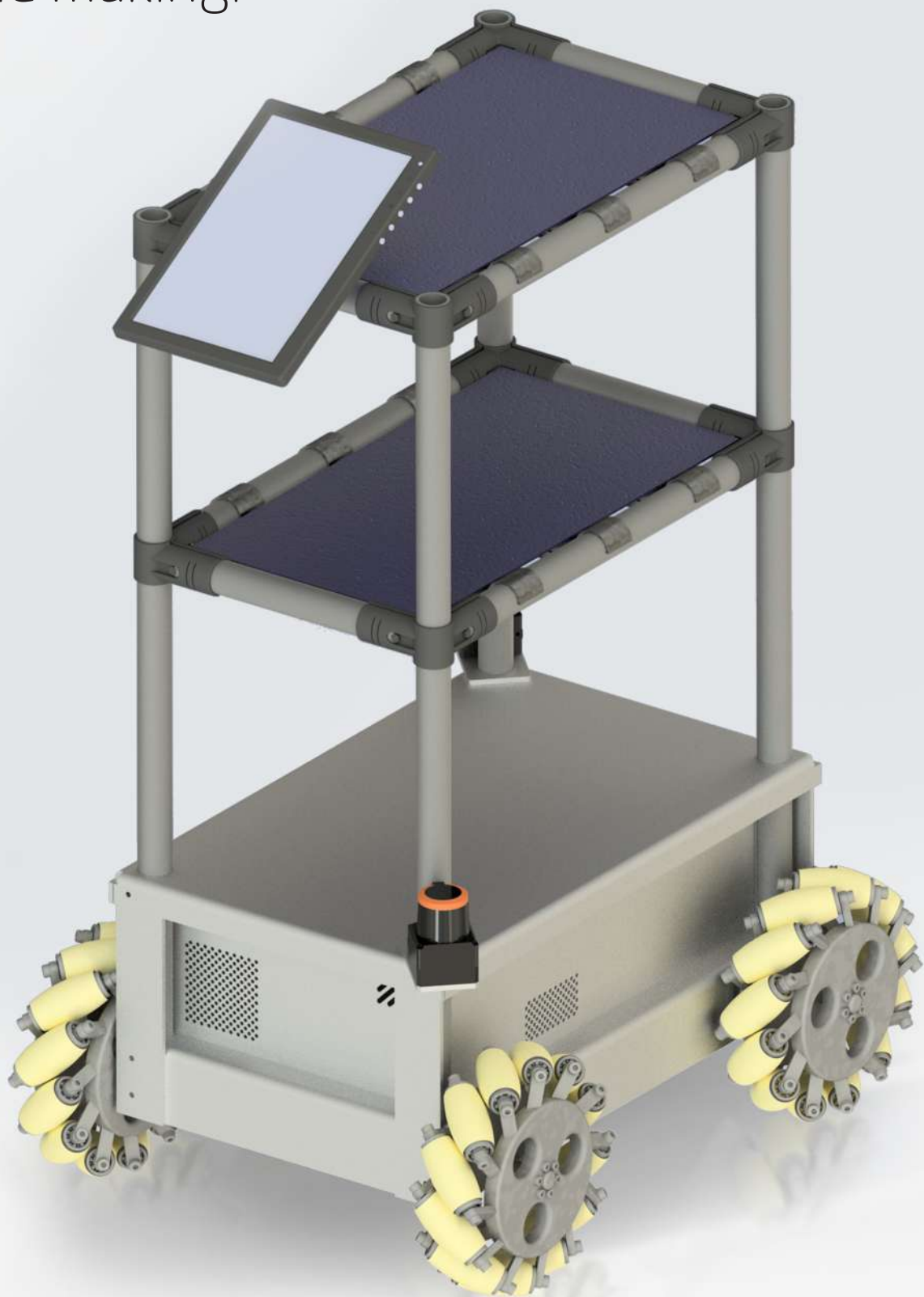Data gathered shows an increase by:

+15% in sales

+20% in-store costumers

A concept
in the making.

Improving businesses
like never before.

Solution for the **transport of objects** and goods using new sensor and navigation techniques.

Able to follow an operator.
Easy and safe object transportation.
Powerful help on **restocking**.
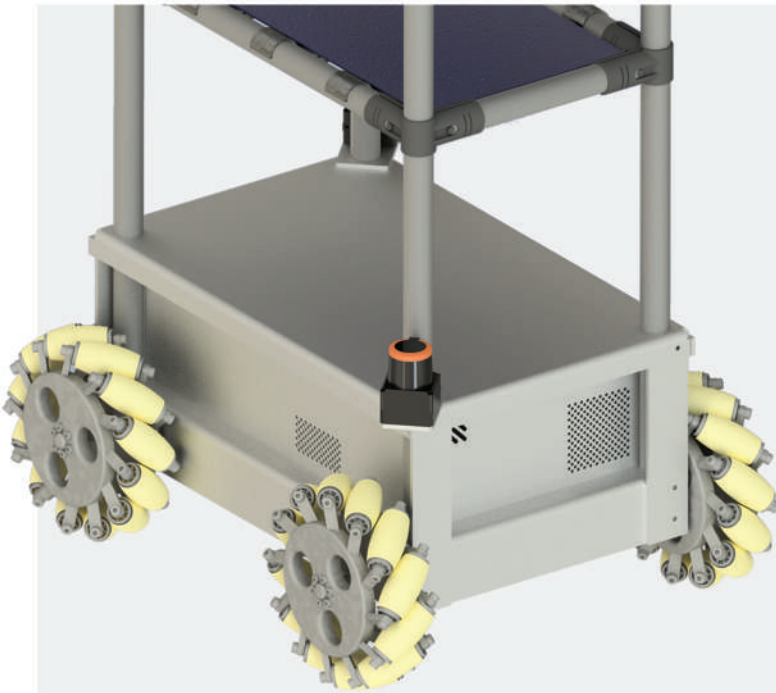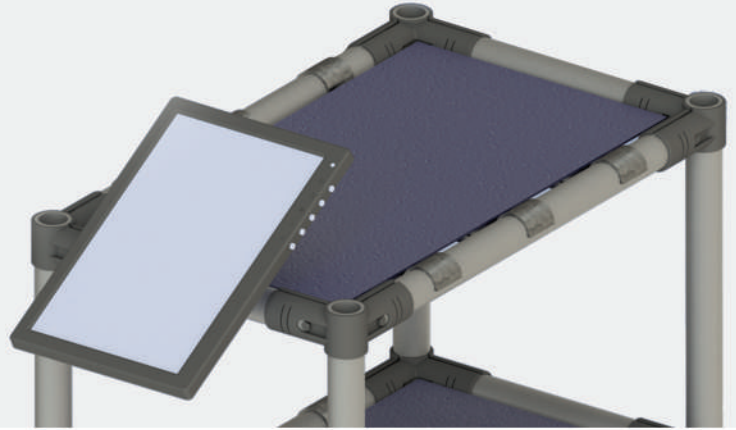Detects and avoids obstacles and other dangers.

3D image recognition and indoor localization based in natural features.
Able to autonomously follow a predifined route.

Customizable features for the clients needs.

Touch Screen

Stock managment
Customizable software
Material picking information
Troubleshooter

Omnidirectional

Wheels made for
moving omnidirectionaly

Racks

Able to carry up to 50kg
Customizable for different
applications.

2 LIDAR

Enables a
complete 360º
environment
recognition.

wiiGO
Awards

1st Place WINUBI 2011
1st Place Do Something Prizes 2011
2nd Place (Honorable Mention) ISCTE-IUL MIT
Portugal Venture Competition 2011

3rd Place Imagine Cup International in Sydney 2012
1st Place INOV C Business Plans in the Competition
of Ideas and Business Plans Arrisca C 2012
1st Place Imagine Cup Portugal 2012
Finalist Imagine Cup Grants Microsoft's YouthSpark 2012

Winner of the International Prize Altran Foundation
for Innovation 2013
Winner of the National Award Altran Foundation
for Innovation 2013
1st Place StartmeUP - National Award
for Entrepreneurship 2013
wiiGO TOP 3 - EYE50 - c2MTL (Montreal - Canada) 2013

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