QENVI

About QENVI Group

QENVI

Services in computer engineering, embedded, AI

QENVI
iT

Following and Autonomous Robots.
Inventory and fleet management software.

QENVI
ROBOTICS

QENVI

Qenvi's journey began in 2008
in Sophia-Antipolis technology park.
The group consists of 4 subsidiaries.

QENVI
ENGINEERING

Services in electronic,
Robotic and mechanical engineering

QENVI
MANAGEMENT

Business strategy consulting QSE, CSR

History

QENVI

2023 Investors come into play
Inauguration of the agency in Lyon

2022 Fleet management
Autonomous Robots

2021 Inauguration of the agency in Toulouse

2020 Tailor-made solutions (wheelchairs, stretchers, hydraulic machines...)

2018 CIR accreditation, + 10 patents filed in Europe
Following Robots

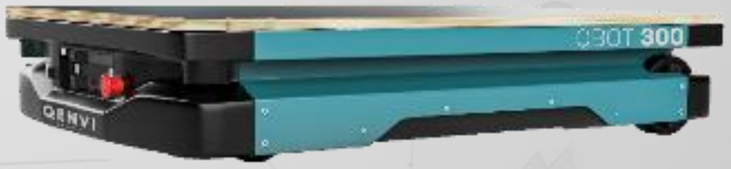
2016 Creation of the subsidiary QENVI ROBOTICS Inventory management

2008 QENVI IN SOPHIA-ANTIPOLIS

La FRENCH TECH

QENVI has CIR accreditation

Crédit Impôt CIR Recherche

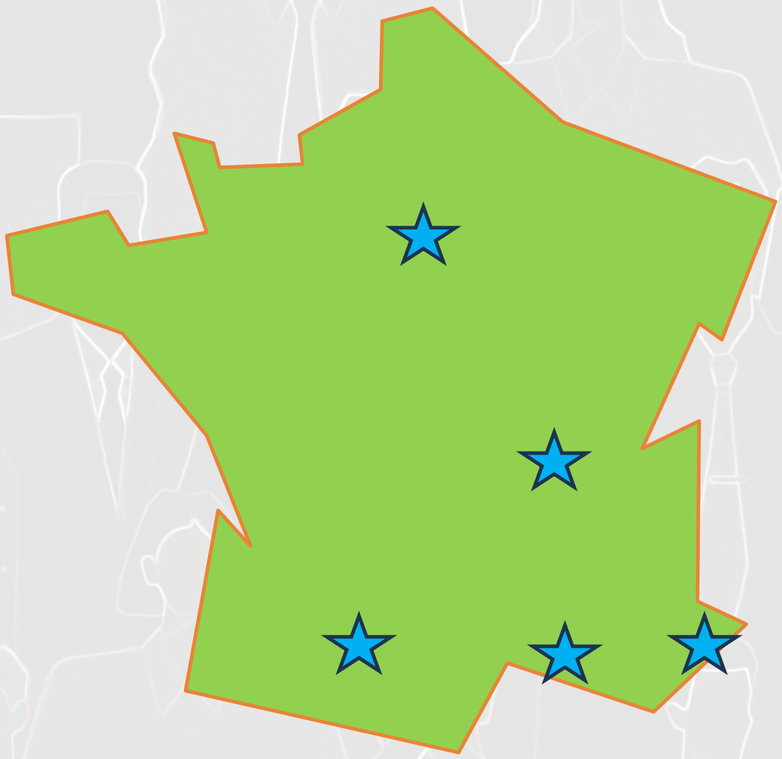


As close as possible to our customers

Our agencies :

Sophia Antipolis
Toulouse
Aix-en-provence
Lyon
Paris

And international development



Contact: 04.22.13.54.67 / contact@qenvi.com

OUR VALUES

Passion for technology

Integrity

Work

Progressing together

OUR ADDED VALUE

QENVI
iT

Collaborators

- C.S.R Approach
- Personalized follow-up and listening to employees
- Dedicated sales and technical contact
- Professional equality
- Skills development and training
- Assistance in finding accommodation
- Opportunity to work on the robotics project

Clients

- C.S.R Policy
- Research tax credit,
- Innovation and technology at the heart of our DNA
- Support for the robotics project
- International team of experts
- Efficient communication regarding customer needs
- Client satisfaction

IT subcontractors

- C.S.R Approach

Humanity at the heart of our process

Services in computer engineering, embedded, AI

QENVi

iT

IT expertise

QENVI provides fixed-price or technical assistance services
with the latest technologies.

EXPERTISES :	LANGUAGES :	FRAMEWORKS :
IT	Java	SPRING
Embedded	J2EE	ANGULAR
Robotics	PHP	NodeJS
AI	C#/.NET	React
DEVOPS	C++	SYMFONY
BIGDATA	PYTHON	ROS

And more ! ...

QENVI supports on your development projects, project management, testing, CI/CD.

AI Expertise

AI Expertise through our robotics R&D we implement AI techniques:
Deep Learning
Machine Learning

- Motion Control Algorithms
- Modern Artificial Intelligence Techniques

OpenCV
PyTorch
python
aws
scikit learn
Keras

SERVICE TYPES

QENVI develops its clients' projects in dedicated offices, under the supervision of the client.
Responsibilities are shared and depend on the agreements established in the subcontracting contract.
Proposal of experts or delegation *(QENVI chooses its collaborators).*
Management or co-management with the project client and teams.

Competence Center

(Assets allocation + commitment to results)

KPI: Budget, deadlines, costs, risks, anomalies, quality of service and customer satisfaction.
Methods: Continuous improvement (PDAC), Strengthening indicators, Scrum Agility, Safe, Kanban.

Technical Assistance

(Assets allocation)

QENVI offers the services of its experts to intervene on the internal projects of its clients, at its clients' premises
Resource proposal and integration
Management of services by the customer
Establishment of personalized KPIs
Co-piloting of resources

Package

(Commitment to results)

QENVI manage the team and the project, it guarantees the smooth running and completion of developments
Steps: Study and analysis of customer requirements, specifications, planning and budgeting, development, testing, validation, acceptance, CI/CD, delivery, maintenance OR Agile.

QENVi

ENGINEERING

Our engineering office at your service!

At the heart of innovation

- Mechanics
- Electronics, Embedded
- Robotics

MECHANICAL ENGINEERING

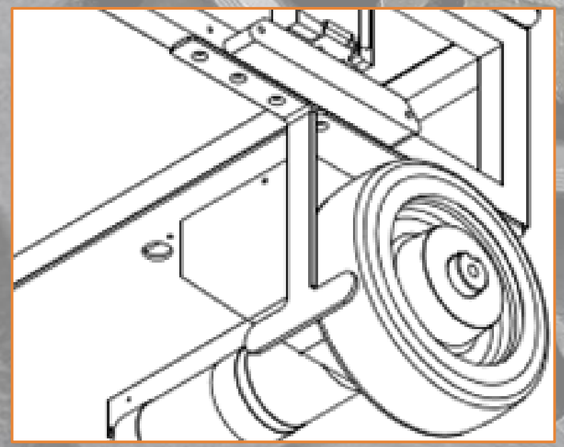
QENVI
ENGINEERING

MAKE YOUR PROJECTS A REALITY

- Technical support from A to Z
- Specifications and requirements
- Requirements and constraints management
- Project management
- Multidisciplinary services
- Network of service provider partners

Prototyping and 3D printing

- Design and modeling
- CAD: SOLIDWORKS, FUSION360
- CAD design deliverable
- Printed Prototype



PRODUCTION PREPARATION

- 3D prototypes evolution
- Recommendations for production launch

ELECTRONIC ENGINEERING

QENVI ENGINEERING

Embedded computing: C, C++, FPGA, STM32…

Processus

ISO 9001

Agile

Technical requirements

Specifications

Planinng

Definition of architecture

Simulations

Routing

Assembly

Development

Tests

Industrialization

Subsystems:
Kicad, electronic cards, power supplies, rfid, UWB, bluetooth, lidar, camera, sonar, IMU, odometry…

Prototyping
(.gerber, .bottom, .pos, PCB, ...) Kicad, Fusion360, …

ROBOTIC ENGINEERING

Crédit Impôt Recherche CIR

QENVI ENGINEERING

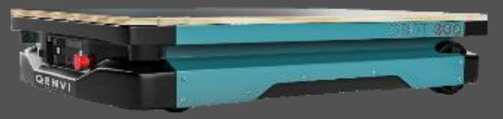
AMR robots: Autonomous Mobile Robot

- Following Robots
- Autonomous Robots
- Custom robots, robotization of your platforms
- Customizations

Robotic Arms

- Analysis of the carried load and arm length
- Degrees of freedom
- Required gripping functions
- Adaptation to the platform

Our engineering firm at your service!



Do you need **industrial machines** to transport loads?
Do you need **specific robotics developments ?**
Take advantage of our expertise at QENVI ROBOTICS and QENVI ENGINEERING

QENVI ROBOTICS

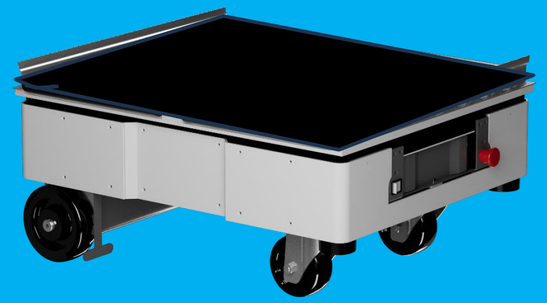
➔ **Artificial Intelligence at your service**

QENVI ROBOTICS

At the heart of innovation

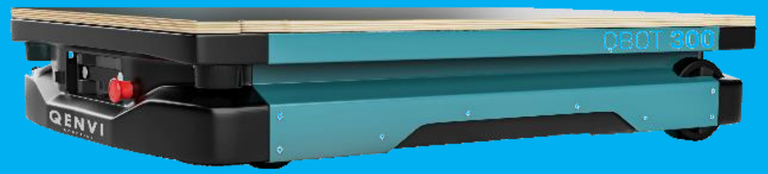
Our standard products: 2 customizable bases

Qbot150 is small and easy to handle.
It allows optimal maneuvers in the narrow aisles of your warehouse.



Can carry up to 150 kg

Impressive and easy to handle, put the Qbot300 to the test whan carrying your heaviest loads !



Can carry up to 300 kg

7h battery life. Rackable interchangeable battery

All QENVI Robotics robots are CE certified according to European directives:
- Machinery, Radio Equipment, Low Voltage and Electro Magnetic Compatibility.

(view ISO3691-4_driverless_cart)

Your tailor-made solutions

Transform the structure of your choice into a following and/or autonomous robot.

To carry loads up to 2 tons.

Send us your base to robotize

QENVI Robotics robotizes then sends your new machine back to you when it is ready.

Do you have an idea?

Let’s discuss it !

QENVI Robotics has already robotized :

- wheelchairs
- A hydraulic machine carrying 650kg.
- An all-terrain tracked mule

Robot fleet management software

QENVI ROBOTICS

ID&Nom Robot	ENTREPOT	Is moving	Autonomy	Battery	Fire	Issue			
1 robot 001	HAULOTTE		10%	GO TO RECHARGE No recharge point defined	FIRE POINT Fire point	MORE•••	DETAILS	CONFIG	MAPS
2 robot 002	HAULOTTE		15%	GO TO RECHARGE No recharge point defined	FIRE POINT No firepoint defined	MORE•••	DETAILS	CONFIG	MAPS

DESTINATIONS FOR THE ROBOT 1

Total number of destination(s) is: **11**

Click on your next destination

Choosen Circuit :

Standard

Start point

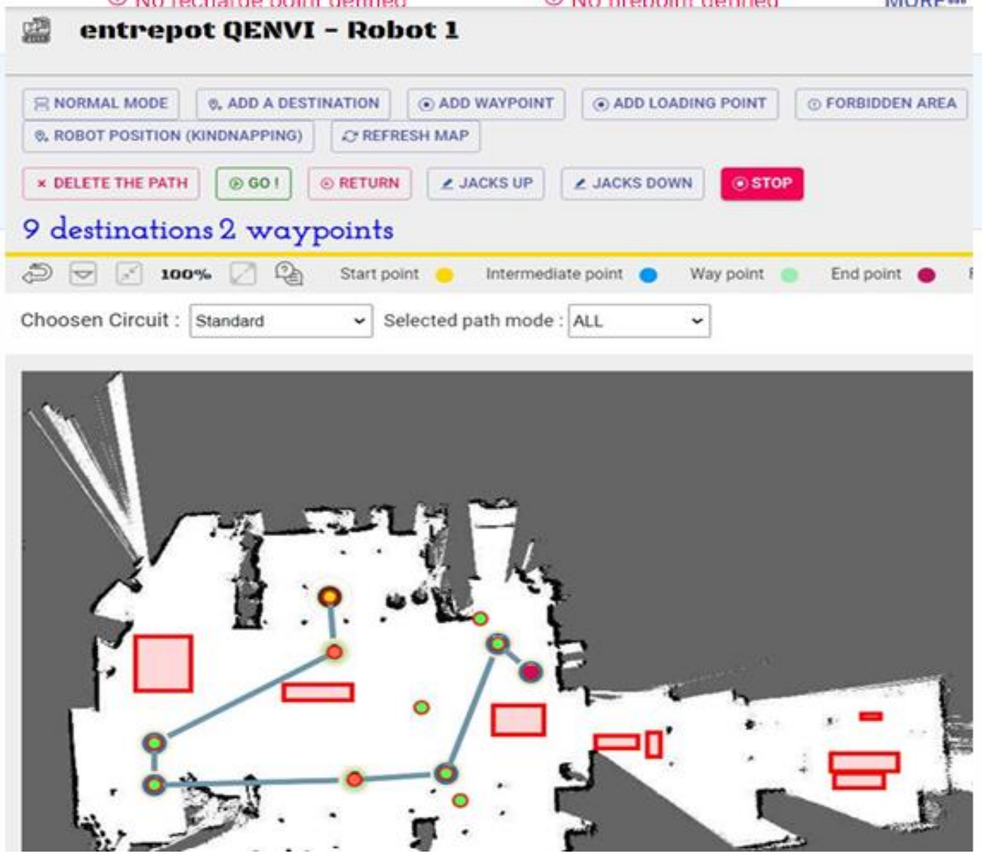
DESTINATION : DEPART

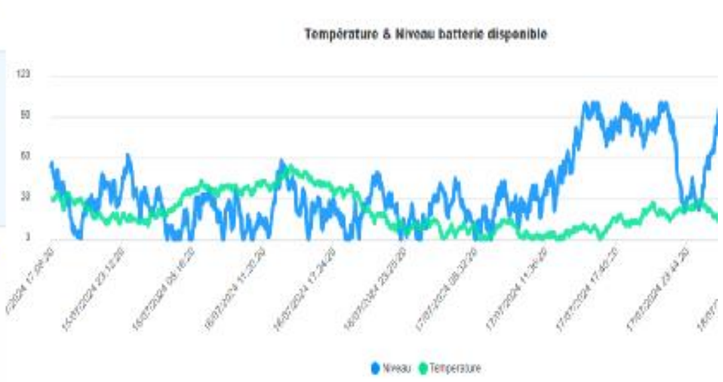
DIRECT TO: DEPART

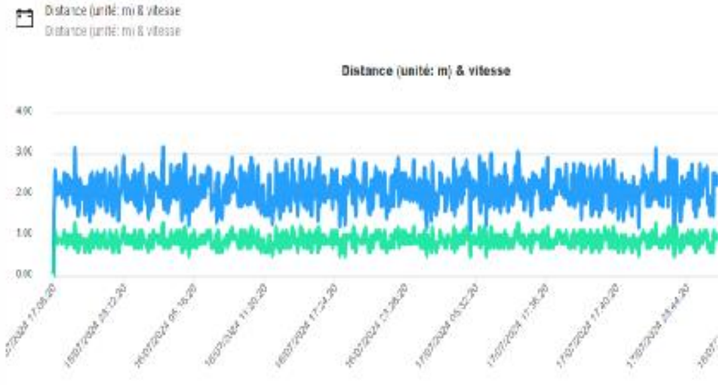
Destination : atelier

DESTINATION : TO DEFINE

DIRECT TO: TO DEFINE







QENVI MANAGEMENT

Maximizing the Efficiency of Your Processes

QENVI MANAGEMENT

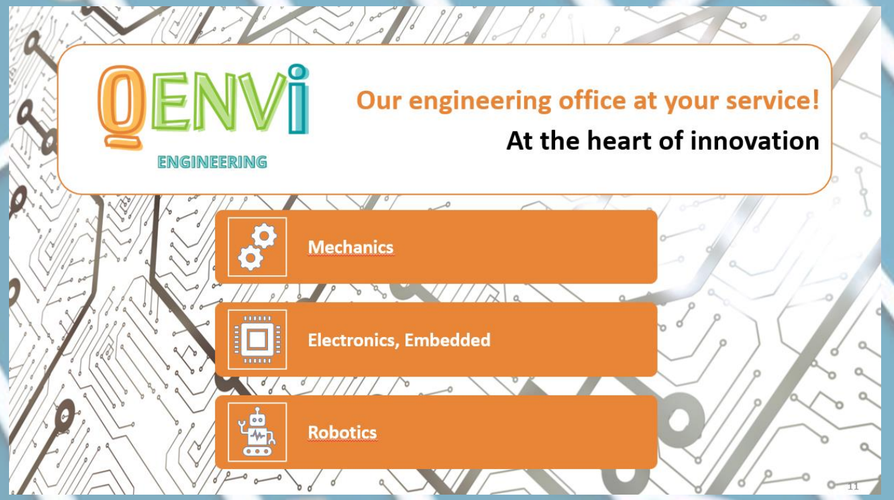
QENVI can intervene in the various processes of your company

Business strategy and efficiency of your processes :

- Finance and accounting
- Marketing
- Commercial
- HR
- Communication
- QSE
- CSR

Projects management :

- Agility, Quality, Lean, 6Sigma
- Change management
- Crisis management

THANK YOU !

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