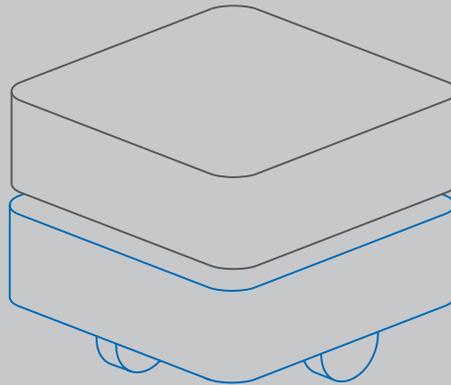


Your application, **our mobility**



BlueBotics enables the mobility of vehicles for automation

Engineering Services

Based on the company's mission to enable the mobility of vehicles for automation, BlueBotics provides robotics engineering services to build solutions tailored to your needs.

Starting with a feasibility study

BlueBotics' approach is to perform a detailed feasibility study before starting any cost intensive phase.

Developing a prototype

If the feasibility study shows positive results, a prototype is developed. In order to keep prices competitive and manage time during this phase, BlueBotics relies on standard mobile bases and proven mechanical and electronic modules. The prototype is then assembled, programmed and tested at our premises prior to the delivery and testing at your site.

From prototype to product

Once the prototype has been validated, our team can support you with the final product design, production and deployment.

More than 15 years of experience

Combining electronics, mechanics and software within mobile robots has been our day-to-day activity for more than 15 years. From concept to mass production, we put our expertise at your service.



Swiss made

Our robots are not only engineered in Switzerland, they are also built there. Together with our network of suppliers, we deliver solutions with the Swiss Made quality label, which guarantees that your application will perform perfectly both now and in the future.



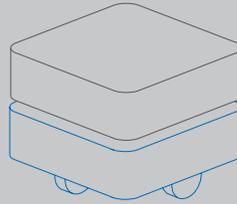
Experts in autonomous navigation

Building robots is one thing, controlling them is another. At BlueBotics, we have developed the innovative ANT[®] solution, a proven navigation product line enabling the localization and control of any platform.



Your application, our mobility

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Mobile Coffee - Nespresso

BlueBotics provides robotics engineering services
to enable your application.



Guide - Geneva Airport



Hospital Logistics - Oppent



Cleaning - Cleanfix

CLEANING

Cleanfix

OBJECTIVE

Create an autonomous professional cleaning machine for airports, hospitals, hotels, and shopping centers.

CHALLENGES

- Design a compact navigation system
- Develop a coverage solution ready for real-world
- Integrate the control of the whole cleaning machine

SOLUTION

BlueBotics redesigned the navigation system, developed a coverage algorithm, and automated the cleaning components together with Cleanfix to obtain a fully integrated solution.



HOSPITAL LOGISTICS

Oppent

OBJECTIVE

Design a new hospital vehicle with a complete software suite to easily integrate into the hospital's infrastructure.

CHALLENGES

- Design an industrial vehicle from scratch
- Develop a complete traffic management solution
- Provide flow management and infrastructure control

SOLUTION

BlueBotics supported Oppent in the design of the vehicle, developed a complete traffic management solution and teamed up with a strategic partner for flow and infrastructure control.



GUIDE

Geneva Airport

OBJECTIVE

Provide innovative and user-friendly services for the passengers at the Geneva airport.

CHALLENGES

- Develop a robot guide for the airport
- Develop a suitable user interface
- Integrate in the airport environment

SOLUTION

BlueBotics worked with Geneva Airport's IT department, with their marketing department, as well as with external designers and interaction designers to develop and produce the complete solution.



MOBILE COFFEE

Nespresso

OBJECTIVE

Reinvent the coffee drinking experience for professional applications.

CHALLENGES

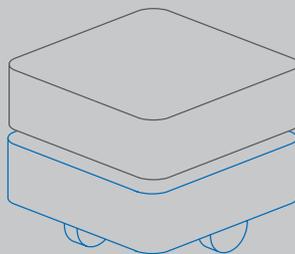
- Embed a professional coffee machine with navigation
- Develop a suitable user interface
- Integrate Nespresso's high design standards

SOLUTION

BlueBotics teamed up with Nespresso's engineers and industrial designers throughout the whole project to develop Nesbot™, the first mobile coffee machine.



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BLUEBOTICS
Mobile Robots at Your Service



BlueBotics SA
Jordils 41B
CH-1025 St-Sulpice
Switzerland
Tel: +41 21 694 02 90
Fax: +41 21 694 02 91

www.bluebotics.com