

BLUEBOTICS

— Your Vehicle Navigation Partner



Your application, **our mobility**

Do you need mobility to enable your application?

Since 2001, BlueBotics provides engineering services and custom solutions to support your product development and enable your application.



From idea to product

BlueBotics supports the development of new products from the feasibility study to the prototyping in a timely and cost-effective manner. Once the prototype is validated, BlueBotics can provide additional support with product design, production and deployment.



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.



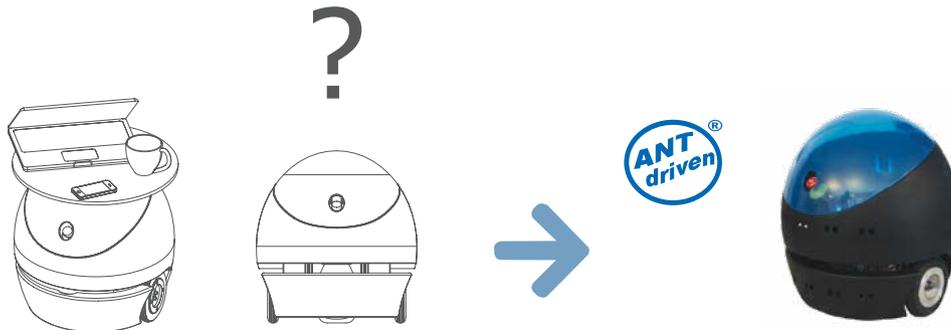
Experts in navigation

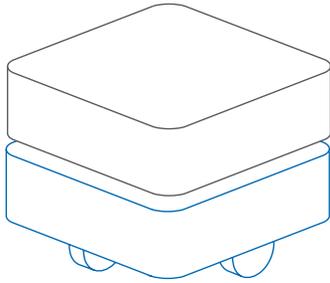
Building robots is one thing, controlling them is another. At BlueBotics, we have developed the innovative ANT[®] solution, a proven navigation product line enabling the localization and control of any platform.



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.





Engineering Services

From idea to product

Enable mobility of vehicles for automation

Build solutions tailored to your needs

Feasibility studies

Prototyping

Support for industrialization and deployment

Time and cost effective





mini™

Compact vehicle ready for cleanroom applications

Modular concept to answer your specific needs

Very compact design

Natural feature navigation with ANT®

Simple and robust localization

Autonomous handling of obstacles

Fast, low cost and scalable installation

Automatic and opportunity charging

ISO5 cleanroom certified



mini™ lite

Compact vehicle for your application

Modular concept to answer your specific needs

Very compact design

Natural feature navigation with ANT®

Simple and robust localization

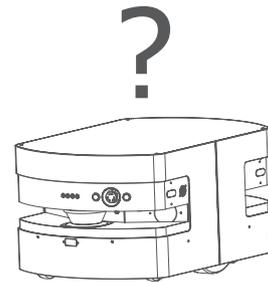
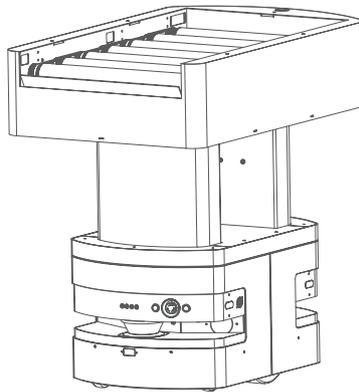
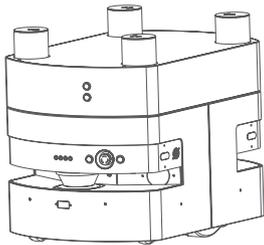
Autonomous handling of obstacles

Fast, low cost and scalable installation

Optional automatic and opportunity charging

Specifications

	mini™	mini™ lite
Dimensions (LxWxH)	59 cm x 40 cm x 30 cm	68 cm x 46 cm x 39 cm
Weight platform	70 kg	100 kg
Weight module	15 - 25 kg	15 - 25 kg
Payload	150 kg	100 kg
Max speed	1.5 m/s	1.5 m/s
Autonomy	> 6 hours	> 6 hours
Charging time	1.2 hours	1.2 hours
Automatic charge	Included	Optional
ISO5	Certification on demand	-
Safety	360° laser scanner view	270° laser scanner view (360° with optional 2nd laser scanner)



Success stories

SITA - Kate, 2017

Objective

Design and produce three prototypes of autonomous checkin' kiosk.

Solution

BlueBotics firstly worked with SITA to clearly define the use case, then teamed up with designers to define the aesthetics and ergonomics before developing and producing the 3 Kate prototypes in an extremely short time.



CLEANFIX - RA 660 Navi, 2014

Objective

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

Solution

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



OPPENT - EVOcart™, 2014

Objective

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

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.



GENEVA AIRPORT - RobbI, 2013

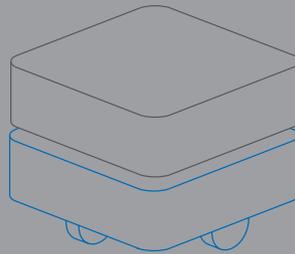
Objective

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

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.





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