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 based on 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 proposes either standard mobile bases, or proven mechanical and electronic modules. The prototype is then assembled, programmed and tested at our premises prior to 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 10 years of experience
Combining electronics, mechanics and software within mobile robots has been our day-to-day activity for more than 10 years. From concept to small series production, we put our expertise at your service.

Swiss made
Our robots are not only engineered in Switzerland, they are also built here. Our supplier’s network allows our robots to bear the Swiss Made quality label so that you can be sure that they will perform for your project, 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® product to control and navigate any platform.
Mobility and logistics
The Autonomous Modular Vehicle, AMV-1, is a mobility solution for rehabilitation centers and hospitals and a logistics solution for light load industrial transportation.

Modularity
AMV-1 is a mobile base which can dock various modules. This system can be used to transport payloads of up to 150 kg by means of dedicated modules, but can also transport persons with its specially designed ergonomic chair module.

Small is beautiful
Atom’s small size and friendly shape makes it the perfect platform for a wide range of indoor environments, such as homes or offices.

ANT® driven
The high precision ANT® navigation, together with its flexibility and simplicity of installation makes Atom intuitive, safe and easy to deploy even by untrained users.
«Hi, my name is Gilberto!»
“I am a fully autonomous tour guide robot. My job consists of welcoming visitors, giving presentations and guiding visitors to indoor public spaces and events."

Ready for interaction
Equipped with a touch-screen, a camera eye and the ANT® navigation, Gilberto is able to give speeches and tours in seventeen languages.

All set for the street
Guido is our first tour guide robot ready to move in the streets. With its special frame and kinematics, this robot can go up and down sidewalks as any pedestrian would.

Simple interaction
Equipped with a touch-screen, speech synthesis and the ANT® navigation, Guido also speaks seventeen languages.
ABSOLEM

Surveillance & Rescue

Unmet overcoming abilities
Absolem is a platform with great overcoming abilities thanks to its unique passive differential (patent pending), low center of gravity and high ground clearance.

Truly all terrain
Combining the best of spatial rovers and earth robots, this robot is comfortable on any terrain: stairs, rocks, gravel roads, forest paths and even in the snow!

SHRIMP III

On Rough Terrain

Innovative kinematics
The innovative passive kinematics of the Shrimp III does not require active sensing to climb obstacles since the mechanical structure passively adapts to the terrain.

Overcoming made easy
Shrimp III guarantees an incredible mobility, moves comfortably in all kinds of challenging settings, overcomes vertical obstacles up to twice its wheel size and can even climb stairs!