Without “human,” there is no “robot”

At Kinova, it takes a lot of humanity to build one of our robots. No matter for whom or for what purpose we create a solution, there’s always a fellow human in mind: the worker in the manufacturing plant, the surgeon in the operating room, the researcher, the first-responder — and countless others. By pouring our hearts and minds into every piece of technology we develop, Kinova empowers these people to achieve the extraordinary in their own way.

There is no need too small. No task too great.
The KINOVA MOVO® Mobile manipulator series is designed to aid researchers by enabling them to discover innovative approaches and applications for mobile manipulation. Our solutions offer you a unique combination of performance, scalability, modularity, configurability and openness. We’ve designed and developed them entirely using ROS, along with MoveIt! and Gazebo, along with an application programming interface (API) that provides your research team with the most advanced functionality in all areas of robotics.

**ARTIFICIAL INTELLIGENCE**

**OPEN HIGH-END HARDWARE**
Saves time and effort and allows you to focus on your research topic

**ROS-NATIVE**
 Including MoveIt! and Gazebo integration

**CONNECTIVITY**
Ethernet, Wi-Fi, HDMI and USB

**ENHANCED NAVIGATION**
Navigates autonomously right out of the box

**ASSISTED TELEOPERATION**
Drive the mobile manipulator while its sensors assist in preventing collisions

**SLAM**
High-performance odometry, sensors and ease-of-use

**A multitude of research fields**

**ADVANCED SENSING**

**MOTION PLANNING**

**Benefit from KINOVA MOVO® Mobile manipulator**

With the KINOVA MOVO® Mobile manipulator in its beta cycle, we’re looking for qualified collaborators to bring our platforms into their research spaces, share their experience, findings and inspiration with us, and help us discover new applications. Beta members receive a whole host of benefits, including discounted rates, free in-kind research and development support from Kinova’s field application engineer and more. Being one of the first to use our mobile manipulator platform isn’t simply about getting in on the ground floor — it’s about fostering a community of collaborators. Join us.