



MULTI  ISTA

About OnRobot

OnRobot A/S was founded in 2018 with the mission of breaking down automation barriers and bringing the benefits of automation to manufacturers of all sizes. Headquartered in Odense, Denmark, with offices spread across the globe, OnRobot is the world's leading provider of the broadest range of tools and application solutions for collaborative applications. All offerings are based on the same 'One System, Zero Complexity' philosophy, delivering a unified interfacing experience. OnRobot products and solutions are provided through more than 700 distribution and system integration partners and used in many different industries, making it easier and faster to automate tasks such as material handling, machine tending, assembly, and surface finishing.

MULTI ISTA

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One Stop Shop for Collaborative Applications

Everything you need at
one place to automate more

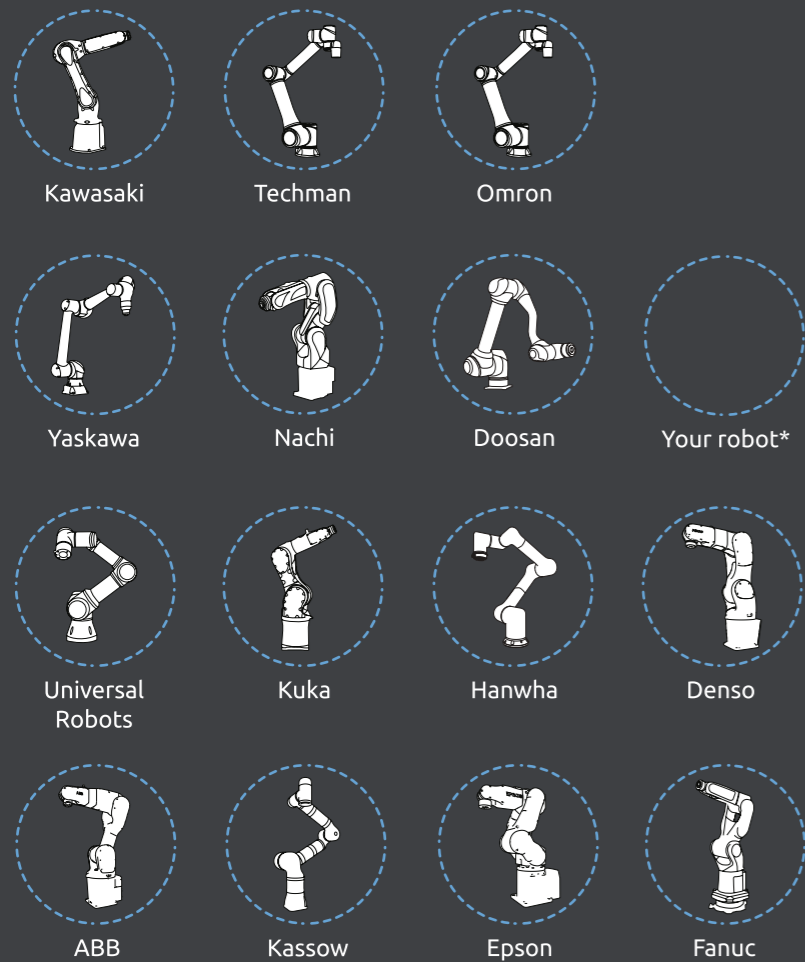




MULTI[✓]ISTA

One System, Zero Complexity, Unlimited Opportunities

Save integration time and simplify deployment with our complete solution.



QUICK CHANGER



Fits all robots



DUAL QUICK CHANGER



2FG7

Parallel gripper for tight spaces and demanding payloads



MG10

Electric magnetic gripper for handling ferrous material



SOFT GRIPPER

Flexible food-grade certified gripper



RG2/RG6

Two-finger grippers for pick and place applications



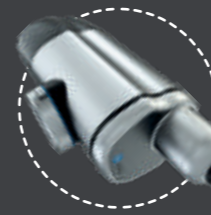
2FGP20

Versatile electric gripper for palletizing and slip sheets



VG10 / VGC10

Electric vacuum grippers with payload up to 15kg



ONROBOT SCREWDRIVER

Complete screwdriving solution, ESD certified



3FG15

Three finger gripper for cylindrical and irregular object



VGP20

Vacuum gripper ideal for cardboard box palletizing



ONROBOT SANDER

2-in-1 electric sanding and polishing tool



GECKO SP

Innovative adhesive gripper requires no cables or electricity



EYES

Flexible and easy to use 2.5D vision system



HEX-QC

High-accuracy force/torque sensor with easy programming



Lift100

High payload robot lift for palletizing



D:PLOY

Automated platform for building, running, monitoring and re-deploying collaborative applications

*If your robot arm is not represented above, contact your local partner for information on compatibility on other robot brands.

D:PLOY

The next big leap in automation

The field of automation has grown tremendously over the last decades. Although many manufacturers have embraced automation, high barriers to implementation remain, especially among small and medium-sized companies. Deploying robotic applications on the manufacturing floor is still far too

complex, time-consuming, and inflexible. With D:PLOY, this is a thing of the past. By reducing the complexity of robotic application deployment, manufacturers can finally reap the benefits of automation. The deployment will be faster, easier, and more affordable.

Finally reap the benefits of robotic automation and stay ahead of competition

- ✔ D:PLOY breaks down automation barriers so you can automate faster, easier and without risk
- ✔ With dramatic time savings of up to 90% on deployment and redeployment, automation comes at lower cost and more attractive ROI
- ✔ Reap the benefits of automation and solve your labor shortage problems, improve productivity, relief operators from unwanted tasks, and stay ahead of competition
- ✔ Take control of your automation journey by making your own modifications when production requirements change and ensure minimum downtime



ONLINE
ONSITE
UP TO 90%
TIME SAVINGS



The D:PLOY platform combines hardware and software to deliver solutions that address various robotic applications. Today, D:PLOY supports the following applications, with more to follow.

Consult your local OnRobot representative on the availability of other applications.



D:PLOY
CNC



D:PLOY
Palletizing



D:PLOY
Packaging



D:PLOY
Transferring

Automate faster, easier, and without risk

D:PLOY offers an unprecedented reduction in robotic cell deployment time and complexity, resulting in dramatic time savings of up to 90% over conventional approaches.

D:PLOY helps bring down overall automation costs by reducing deployment and re-deployment time. Manufacturers will see faster, lower-cost implementation for better ROI, while gaining control over ongoing automation changes.



Up to **90%**
time savings

Take control of your automation journey

When production requirements change, D:PLOY gives you the flexibility to quickly re-deploy the application, for example when introducing a new part.

- ✔ Save time and money on re-deployments
- ✔ Make changes to the application yourself when you need it
- ✔ Access monitoring data on and off-site for improving productivity and reducing downtime



How D:PLOY works

The powerful D:PLOY platform allows you to build complete applications directly on the manufacturing floor in a few simple steps, with zero programming and zero simulations.

To get started, install the OR:BASE and cell components and configure your robot. Simply scan the QR codes provided to connect your device (e.g., tablet) to the OR:BASE, and then to login to D:PLOY.



1

Cell setup

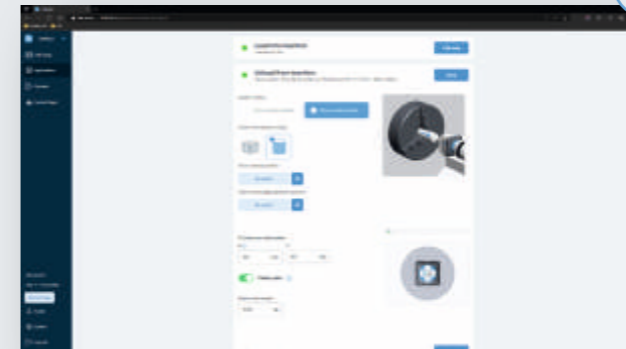
Automatically discovers most of the installed hardware and configures interfaces, providing immediate control over them.



2

Workspace

Automatically generates a collision-free path depending on the obstacles defined.



3

Application setup

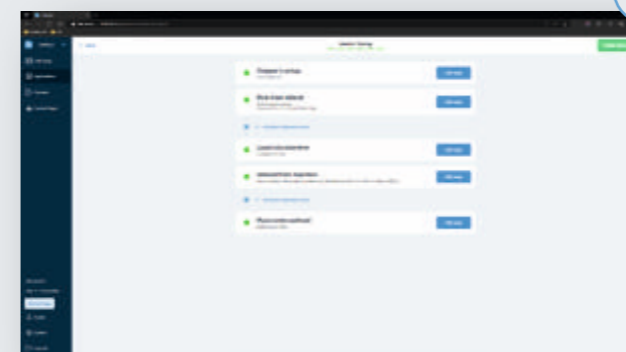
Automatically generates all the program logic, signals exchange, events handling, and path planning of the robot for the entire application based on a few inputs.



4

Operate and monitor

Operate with ease and gain insights into performance indicators – all in real-time and with limited configuration needed.



5

Re-deploy

D:PLOY delivers the flexibility and re-deployment speed to respond quickly to changes in production requirements.



Increased productivity with collaborative application

The staff at Okura Kogyo, manufacturer of logistic equipment and systems, would manually load and unload workpieces from the processors to trolley. The manual process needs to be done carefully to avoid damaging the workpiece. Like other manufacturers, the company is facing labor shortages and was looking for a way to optimize current resources and to increase productivity and efficiency.

Collaborative application was a clear choice for Okura Kogyo. Combining OnRobot VGC10 gripper and Omron cobot, the manual processes of loading and unloading workpieces are fully automated.

The VGC10 gripper has a customized fixture with 4 suction cups and is programmed to handle 2 rollers at a time to match the production cycle. With unlimited customization to fit various needs, the compact, lightweight VGC10 gripper is perfect for tight space and is able to lift small, odd-shaped, and heavy objects even with a smaller robot arm.

The collaborative application is installed on a mobile container, which can be moved and plugged in anywhere, anytime. It does not require big footprint and it is able to work safely alongside employees; no safety fence is needed.

“Setting up collaborative application was fairly quick, we only took 3 days for the complete deployment.” says Mr. Hiroki Kuribayashi, Sales Manager.



Employees of Okura Kogyo now do not have to perform strenuous, repetitive work on the machine. They no longer need to be stationed at the machine for hours and they are able to focus on higher value duties. Collaborative application has helped Okura Kogyo achieve an ROI of 11% while maintaining work safety and high-quality output.



“To survive and thrive in an uncertain and rapidly changing world, we need to innovate at speed and to keep pace with technology and industry change.”

says Takashi Totogawa,
Director of Okura Kogyo