



The Mobile Robot Company

Knowledge Center — Software and Integrations · 2026-08-04

<https://info.mobilerobot.com/support/faq/software-and-integrations>

Software and Integrations

Common questions about the J1600's software, connectivity, and [integration options](https://info.mobilerobot.com/documentation/technical-integration/integration-overview/) (<https://info.mobilerobot.com/documentation/technical-integration/integration-overview/>).

What software does the J1600 come with?

One hardware platform supports [two software versions](https://info.mobilerobot.com/products/software/software-comparison/) (<https://info.mobilerobot.com/products/software/software-comparison/>):

- **Standard software** (<https://info.mobilerobot.com/products/software/standard-software/>) — reduced to essential functions for maximum ease of use. It is built around configuration-free [Teach and Repeat](https://info.mobilerobot.com/documentation/concepts/teach-and-repeat/) (<https://info.mobilerobot.com/documentation/concepts/teach-and-repeat/>), designed to be "consumer-level easy" for an existing pallet-jack operator, and is ideal for a single-unit deployment [without systems integration](https://info.mobilerobot.com/applications/results/lower-integration-complexity/) (<https://info.mobilerobot.com/applications/results/lower-integration-complexity/>). Tasks are launched from the touchscreen using saved locations, and [Wi-Fi is optional](https://info.mobilerobot.com/documentation/installation/network-and-wi-fi-requirements/) (<https://info.mobilerobot.com/documentation/installation/network-and-wi-fi-requirements/>).
- **Advanced software** (<https://info.mobilerobot.com/products/software/advanced-software/>) — adds VDA 5050 interoperability, a REST API, Fleet Manager, advanced mission planning, and advanced integration with other software and equipment. It is priced as a separate upgrade.

What is Teach and Repeat?

The operator demonstrates the work instead of programming it: drive to a point, [tap Save location](https://info.mobilerobot.com/documentation/getting-started/saving-the-first-location/) (<https://info.mobilerobot.com/documentation/getting-started/saving-the-first-location/>), and the robot can then travel there autonomously on demand. No code, no configuration project. See [Navigation and mapping](https://info.mobilerobot.com/support/faq/navigation-and-mapping/) (<https://info.mobilerobot.com/support/faq/navigation-and-mapping/>) for how locations and mapping work, and the [glossary](https://info.mobilerobot.com/documentation/concepts/glossary/) (<https://info.mobilerobot.com/documentation/concepts/glossary/>) for term definitions.

Does the J1600 support VDA 5050?

Yes — full [VDA 5050](https://info.mobilerobot.com/products/software/vda-5050/) support is included in the Advanced software. VDA 5050 is the interoperability interface that lets mobile robots from different vendors work together in the same space under a compatible fleet layer. The company works with established VDA 5050 fleet-management providers. No exact VDA 5050 version, API schema, authentication model, supported fleet-manager list, or integration certification is published.

Is there an API?

Yes. The Advanced software includes a [REST API](https://info.mobilerobot.com/documentation/technical-integration/rest-api-documentation/) for integration with other systems and equipment.

Do I need a WMS or fleet manager to run the robot?

No. Basic use requires no warehouse-management system, fleet manager, or IT integration of any kind, and Wi-Fi is optional. [Integration is a choice you make when the application grows](https://info.mobilerobot.com/documentation/technical-integration/external-system-integration/), not a prerequisite.

What is Fleet Manager?

[Per-robot software for orchestrated multi-robot deployments](https://info.mobilerobot.com/products/software/fleet-manager/), available with the Advanced software. It is priced per robot.

What automation functions come at each level?

Level	Functions
Basic automation	On-screen task start; saved locations; autonomous floor-level drop; self-drive to saved locations; return-to-me; go-to-parking
Advanced automation	Come-to-me; automatic charging; VDA 5050 fleet management; API integrations

Come to me (<https://info.mobilerobot.com/applications/scenarios/come-to-me/>) calls the robot to your location using a mobile app or web interface. Automatic charging is covered in [Charging and battery](https://info.mobilerobot.com/support/faq/charging-and-battery/) (<https://info.mobilerobot.com/support/faq/charging-and-battery/>).

Can I upgrade from Standard to Advanced later?

Yes, but plan ahead: the upgrade is easiest to install at the factory when the robot is ordered. A partner can perform the upgrade later; the customer cannot perform it.

What does the software cost?

2026 end-user list prices:

Software item	List price
Upgrade to Advanced software	€14,500
Fleet Manager, per robot	€6,500

See [Pricing and purchasing](https://info.mobilerobot.com/support/faq/pricing-and-purchasing/) (<https://info.mobilerobot.com/support/faq/pricing-and-purchasing/>) for the complete price list.

Can robots from other brands share the space?

Yes, through [VDA 5050](https://info.mobilerobot.com/documentation/technical-integration/vda-5050-documentation/) (<https://info.mobilerobot.com/documentation/technical-integration/vda-5050-documentation/>): the interface allows robots from different vendors to coexist under a compatible fleet-management layer.

