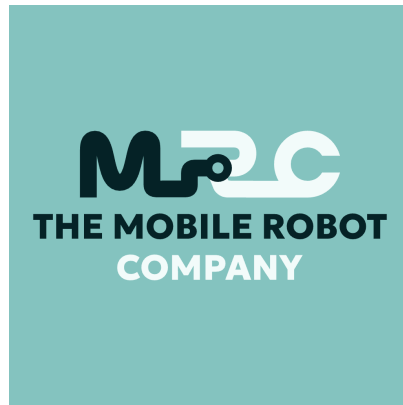




The Mobile Robot Company

Knowledge Center — Advanced Software · 2026-08-04

<https://info.mobilerobot.com/products/software/advanced-software>

Advanced Software

Advanced software is the upgrade package for the [J1600](https://info.mobilerobot.com/products/j1600/overview/) (<https://info.mobilerobot.com/products/j1600/overview/>). One J1600 hardware platform supports two software versions: [Standard](https://info.mobilerobot.com/products/software/standard-software/) (<https://info.mobilerobot.com/products/software/standard-software/>), reduced to essential functions, and Advanced, which opens the vehicle to fleets and system integration.

What it adds

- **VDA 5050 interoperability** — full support for the multi-vendor fleet interface. See [VDA 5050](https://info.mobilerobot.com/products/software/vda-5050/) (<https://info.mobilerobot.com/products/software/vda-5050/>).
- **REST API** — a software interface for integrating the J1600 with other software and equipment. See [REST API and integrations](https://info.mobilerobot.com/products/software/rest-api-and-integrations/) (<https://info.mobilerobot.com/products/software/rest-api-and-integrations/>).
- **Fleet Manager** — per-robot software for orchestrated multi-robot deployments, priced separately. See [Fleet Manager](https://info.mobilerobot.com/products/software/fleet-manager/) (<https://info.mobilerobot.com/products/software/fleet-manager/>).
- **Advanced mission planning** — beyond the [standard task patterns](https://info.mobilerobot.com/documentation/user-guides/task-management/) (<https://info.mobilerobot.com/documentation/user-guides/task-management/>).
- **Advanced system integration** — [connecting the robot with other software and equipment](https://info.mobilerobot.com/documentation/technical-integration/external-system-integration/) (<https://info.mobilerobot.com/documentation/technical-integration/external-system-integration/>) in the facility.

Price

Item	2026 end-user list price
Upgrade to Advanced software	€14,500

Fleet Manager is priced separately at €6,500 per robot. See [Available options](https://info.mobilerobot.com/products/chargers-and-accessories/available-options/) (<https://info.mobilerobot.com/products/chargers-and-accessories/available-options/>) for the full options catalog.

How the upgrade is installed

The upgrade is easiest to install at the factory when the robot is ordered. A partner can perform the upgrade later on an existing robot; customers cannot install it themselves. If you expect to need fleet operation or integrations, order the upgrade with the robot.

When to choose it

Choose Advanced software when you plan to run more than one robot, coordinate the J1600 with robots from other vendors under a VDA 5050 fleet layer, connect the robot to other systems through [the API](https://info.mobilerobot.com/documentation/technical-integration/rest-api-documentation/) (<https://info.mobilerobot.com/documentation/technical-integration/rest-api-documentation/>), or use advanced mission planning. For a single robot doing [teach-and-repeat](https://info.mobilerobot.com/documentation/concepts/teach-and-repeat/) (<https://info.mobilerobot.com/documentation/concepts/teach-and-repeat/>) transport, [Standard software](https://info.mobilerobot.com/products/software/standard-software/) (<https://info.mobilerobot.com/products/software/standard-software/>) is sufficient — the upgrade path remains open. See the [software comparison](https://info.mobilerobot.com/products/software/software-comparison/) (<https://info.mobilerobot.com/products/software/software-comparison/>).