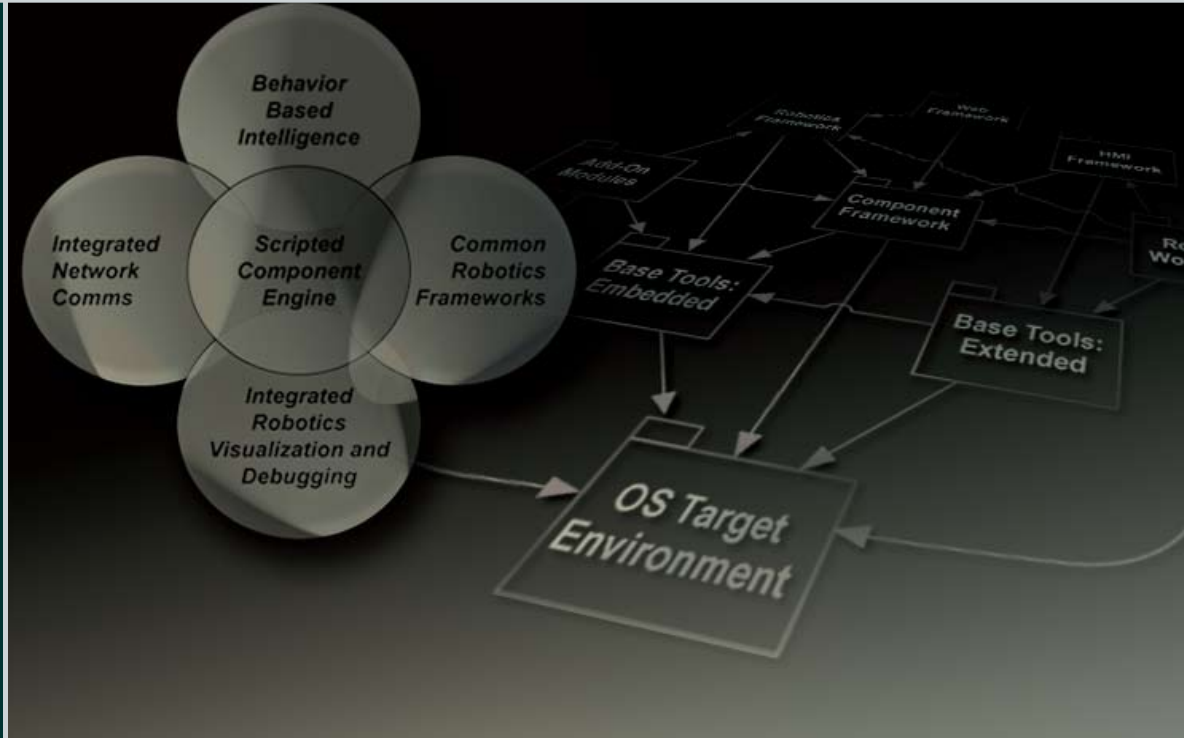


- Develop payloads, behaviors and capabilities for iRobot's family of tactical mobile robots...
- Integrate capabilities on day one, without expensive and time-consuming training...
- Rapidly create "proof of concept" integrations...

iRobot Aware 2 robot intelligence software provides a flexible and open architecture for third-party development. Using proven industry languages and open source technologies, Aware 2 is designed to solve the robot development needs of today and tomorrow.



Rapidly develop and integrate robotic capabilities

Designed for developers, iRobot Aware 2 Integrator Edition facilitates the rapid development of capabilities on iRobot robots.

With Integrator Edition, developers can start capability integration on day one, with very little overhead time spent on training or porting previously developed code:

- Gain command and control of the robot through an easy-to-use network protocol
- Integrate sensors and actuators on the robot chassis and control them from an Aware 2 Operator Control Unit
- Prevent self-collisions by incorporating new payloads into the Aware 2 collision model
- Create custom poses to optimize capabilities
- Retrieve video from PackBot cameras and integrate new cameras

Supported Platforms

- iRobot Warrior™
- iRobot PackBot®
- iRobot Aware 2 OCU

What You Get

Aware 2 developer privileges

Payload Interface
documentation

Robot CAD models

Source code example for
common integration tasks

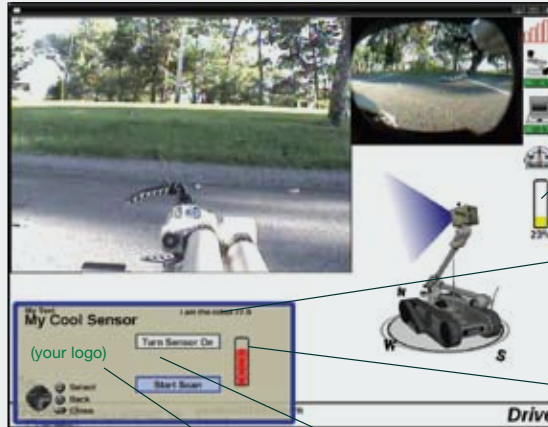
Login access to configure
existing applications and
create new ones

Viewer aids for debugging
applications

Phone and e-mail support

Aware 2 Enabled OCU Personalization

iRobot Aware 2 Integrator Edition enables complete integration of robot system sensors and actuators through easy-to-use interfaces on the robot and OCU.



*Add persistent,
dynamic sensor
graphics and text.*

*Add supplementary
text to sensor menu.*

*Add sensor status and
calibration graphics.*

*Incorporate sensor
management menu
into OCU
menu system.*

*Actively control sensors
and actuators*

*Add your sensor
name and
brand label.*

Providing a Path to Product

With Aware 2 Robot Intelligence Software, Integrator Edition, and engineering technical support, iRobot helps establish a path to product for your technology:

- Rapidly incorporate capabilities onto iRobot platforms
- Team with iRobot to gather end-user capability requirements from customers
- Co-brand and co-market product offerings
- Leverage existing product channels

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