

Intera Software: the power to create smart manufacturing

Intera is a revolutionary collaborative robot software platform. Intera's intuitive user interface, driven by an interactive and highly graphical visual experience, can be used by anyone - from non-programmers with no experience to automation experts. Intera gives you the power to rapidly deploy our robots for everything from simple to complex manufacturing tasks.



Intera UI - the choice is yours

Intera's train-by-demonstration interface allows users to directly interact with the robot arm to train a task. The Zero-G motion assist makes the robot feel virtually weightless, so you can effortlessly guide the arm, and a panning 350° display screen is easily viewable from the entire robot workspace.

Intera also features a powerful user interface called Intera Studio that lets users access robot tasks and fine-tune the details of the task from their laptop. Intera Studio gives you the ability to create, modify, and monitor tasks quickly, while getting advanced capabilities to control the robot.

Intera Insights - access to data

Intera Insights provides critical production data to manufacturers in real time. Intera Insights displays key performance indicators (KPIs) via a customizable dashboard on the robot's on-board display, making it accessible directly on the factory floor. The same data can also be viewed through Intera Studio, giving visibility to other members of the manufacturing team. Intera Insights drives more informed production decisions and saves manufacturers time and money by providing data to optimize factory performance.



Software Driven by Innovation

The Itera software platform is the backbone of our robots and what drives the benefit to our customers. And with every software release the robots become smarter. In addition to an anyone-can-use graphical interface and real time production data, Itera powers high resolution force control, the embedded Cognex vision system, recognizes and knows how to control the ClickSmart grippers, and enables coordination and control of the entire workcell from the robot.



Force

- High sensitivity force control
- Adaptive decisions as a task is running
 - Apply
 - Measure
 - Respond



Define

- Quick training of tasks
- Easily define patterns



Vision

- Dynamic landmark registration using embedded vision system
- Locate parts, both static and on moving conveyers
- Inspect for part absence and presence
- Dynamic registration and cross register external vision system



Data

- Itera Insights
- Turn your robot screen into a customizable display of data, graphs and KPI's



rethinkrobotics.com

27 Wormwood Street
Boston, MA 02210
Telephone: (617) 500-2487
inquiry@rethinkrobotics.com

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