

New in Version 2.0

- Complete Support for RA 3.3
- Dynamic Registration
- World Modeling
- Mission Spooler
- Payload Messages
- Supports JUDP, JSerial (AS5669)

Everything You Need to Build JAUS-Enabled Systems!

- Development libraries (message packing/unpacking and delivery)
- Routing binaries (node managers and communicators)
- Complete and detailed documentation (Users Guide and HTML-based manual)
- Example Code

How Does the SDK Work?

The SDK is based on C++ and includes classes and methods to implement JAUS into your system. The message library Application Program Interface (API) allows programmers to easily configure, pack, and unpack JAUS messages. The updated transport library API provides the ability to send/receive messages using UDP/IP or serial. The SDK's pre-compiled Node Managers and Communicators handle routing of all JAUS messages. Programmers only need to develop their own application-specific code and the SDK handles the rest.

Features

- Dynamic or Static Registration
- Service Connections
- Video Support
- Ack/Nack
- Easily implement and test 'experimental' messages
- Supports alternate transport styles (AS5669/OPC)

Benefits

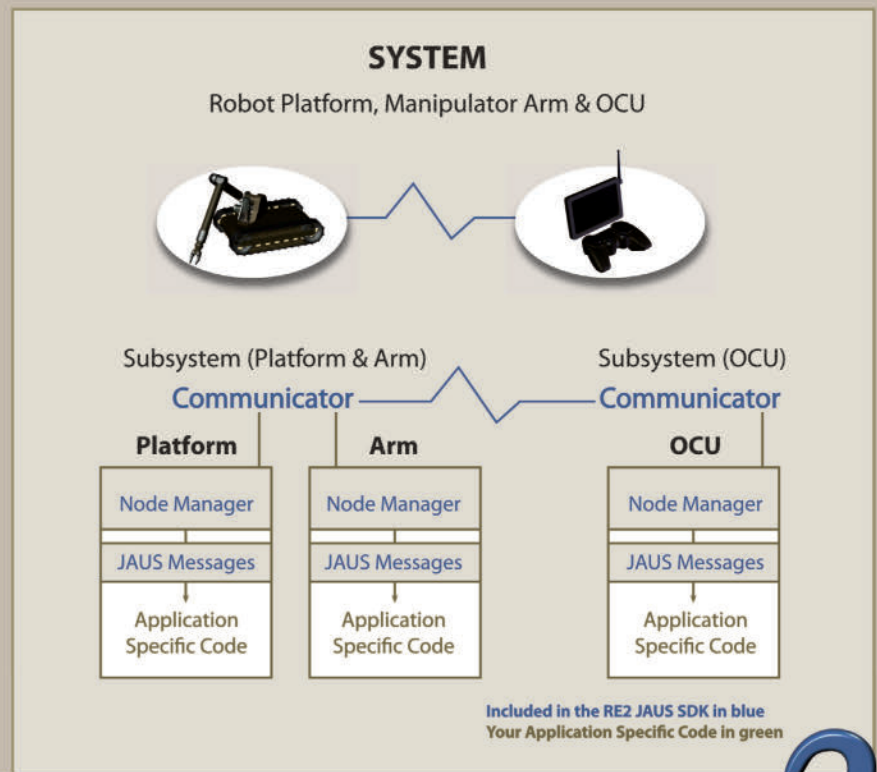
- Greatly reduces development & integration time
- Rapid implementation
- Consistent & accurate results
- Continually tested & thoroughly proven
- Full customer & technical support
- Saves time & money

Operating Systems

Linux, Windows, QNX, LynxOS, and MacOS X

Annual Maintenance & Support

- Upgrades and Patches
- Phone and Email Support



About RE2, Inc.

RE2 is a leading developer of JAUS Software and Modular Manipulation Systems. The Company is currently developing intelligent manipulators under the DoD SBIR Program. Systems include the Small Robot Toolkit and the Dexterous Manipulation System. RE2 is promoting unmanned systems interoperability via its RE2 JAUS SDK. RE2 has leadership roles on the JAUS Working Group and the NDIA Robotics Division Standards Committee. RE2 is also involved in the STANAG 4586 community and is actively addressing the interaction between multiple standards on unmanned systems.

To learn more about RE2's products, programs, and capabilities, visit www.resquared.com or call 412.681.6382.

integration made easy



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