

RTI Connex Open Architecture Secure Communications Framework

Easily Scaling from Shared Memory to LAN, WAN, 4/5G, Radio – Moving all of your sensor & control data in real time

Contact Us Here

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See Our Research @ <https://www.rti.com/company/research-programs>

RTI Connex is used in >400 Unmanned Systems and Across the DoD

Example Systems Using RTI Software



RTI Connex provides a real-time, secure communications software framework

- RTI Connex DDS is a middleware product suite that enables hundreds of applications to securely share information in real-time and work as one integrated system.
- Connex DDS provides the non-stop availability, reliability and low latency that is essential for robust, real-time systems, while significantly reducing development, integration and maintenance costs.
- Connex DDS integrates with a wide variety of third-party applications, operating systems and toolchains. It supports over 100 OS and target processor platform combinations and 12 transport types, connecting them all transparently.
- DoD Technology Readiness Level (TRL) 9.

Requirement(s) Benefits, Money Saved, Eliminates What?

- Significantly reduces development time, integration and maintenance costs for embedded system development and operation.
- Looking for companies and contacts working on projects with the following aspects:
 - Reliability: Severe consequences if offline for 5ms (or 5 min)?
 - Real-time: Measure data latency requirements in ms or μs?
 - Interface scale: 10+ applications, large software teams?
 - Dataflow complexity: Data has many destinations?
 - Architecture: Next generation IIoT?

Airspace Management <input checked="" type="checkbox"/>	Command & Control <input checked="" type="checkbox"/>	Comms <input checked="" type="checkbox"/>	Power & Energy Storage <input type="checkbox"/>	Propulsion <input type="checkbox"/>	Sensors & Awareness <input checked="" type="checkbox"/>	Other <input checked="" type="checkbox"/>
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