RTI provides the world’s leading implementation of DDS – the Object Management Group’s Data Distribution Standard for Real-Time Systems. This software is used to build real-time communications infrastructures for highly complex and distributed interoperable systems.

RTI Connext™ DDS products offers stable, scalable and reliable performance. And the RTI eLearning program makes it easier to effectively and productively use RTI Connext DDS software.

The RTI eLearning program acts as a tutor and guide. It compresses, packages and delivers years of service engineering expertise to help you master the purpose, functions and unique capabilities of RTI technology and products.

**Program Summary**
Over 2 dozen video-based training modules that cover topics such as:

- Basics of DDS
- RTI GUI and command line tools
- Debugging concepts and best practices
- Performance testing guidance

Desktop and mobile access
Select modules free to view

**DDS: More Accessible Than Ever**
Software designed to solve complex networking infrastructure has traditionally come at a high price. The services required to support that software compound the situation with more ongoing costs.

RTI offers its Connext DDS software for free. Now, the RTI eLearning program takes the expertise of our service engineers and made them available to everyone, everywhere. It’s an economical alternative when onsite training is not possible.

**Become a DDS Expert**
RTI service engineers distilled decades of proven experience with DDS software into nearly 11 hours of helpful video modules with tutorials, examples and demonstrations.

The 27 distinct modules included in the eLearning program cover essential theories underlying effective DDS applications, as well as practical examples and instructions for using DDS in complex systems.
Available eLearning Modules

The RTI eLearning program currently includes Connext DDS Online Training that provides 27 video modules to help you navigate from elementary concepts all the way to complex connectivity and protocol issues you may encounter when developing your distributed applications.

The Connext DDS Online Training costs US$995 per person per year. Group pricing is available. Modules marked with an asterisk (*) may be sampled for free. For more details, please visit www.rti.com/elearning.

RTI Connext DDS Online Training Modules

- **Introducing RTI Connext DDS**
- **Understanding DDS Fundamentals**
  - Fundamental Principles of DDS*
  - Introduction to the OMG DDS Specification
  - From Specification to Implementation
  - Common Data-Centric Patterns
- **Defining Your Data**
  - Instances, Samples, Data Types*
  - Data Type Constructs and Hands-On Example
- **Developing Your Application**
  - Understanding the Programming Model
  - Defining Data Flows
  - Achieving Desired Behavior via QoS (2 parts)
  - Accessing Discovery Information
- **Publishing Your Data**
  - Basics
  - Reliability (2 parts)
  - Large and Small Data
- **Subscribing To Data**
  - Accessing Data (2 parts)
  - Managing Queues
- **Monitoring and Debugging Your Applications**
  - Debugging Basic Connectivity Problems*
  - Debugging Dropped Data
  - Debugging Complex Protocol Problems
  - Debugging More Complex Problems
  - Finding More Help
- **Measuring Performance with PerfTest Utility***
- **RTI Connext DDS Training Conclusion**

eLearning Presenters

Modules in the RTI eLearning program are presented by expert engineers and members of the RTI Professional Services team. Each presenter has extensive hands-on field experience working with clients who incorporated Connext DDS into complex distributed systems.

RTI Professional Services

Your success with developing complex distributed systems is the primary objective of the RTI Professional Services team. Our engineering experts help you mitigate project risk, increase productivity and deliver quality on a shorter schedule. Contact us today at solutions@rti.com to discuss your design, development, training or support needs.