

## BACKGROUND

RTI's instructor-led remote training program teaches you how to apply the Connex<sup>®</sup> DDS (Connex) connectivity framework to your application and obtain the most value from the Connex databus. Via videoconferencing, a member of our Professional Services team leads each live session, enabling your team to benefit from personal interaction while still allowing your team to receive training from any location without incurring traveling costs to bring the team to a singular location.

The remote training program begins with an overview of Connex, with a discussion on semantics and terminology associated with the databus and anonymous publish/subscribe communication. *Next, we ask you to share information about your project with us.* We'll ask questions about your use case and goals so that we can highlight specific material that will be relevant during the training. The training continues with a focus on data modeling, your entry point to the databus. We discuss the DDS type system that describes your data, and Quality of Service (QoS) policies that specify behavior for your data. This is followed by detailed descriptions and demonstrations of Connex capabilities, features and tools. For the last session, your instructor will work with your team to determine the topics that matter most for your team. This may come from your use case, or from something identified over the course of the training.

Unlike our 3-day onsite training option, the remote training program provides flexibility to deliver the training over multiple remote sessions. If you have a question when class is not in session, we'll provide the ability for you to ask questions to your training leader. Recordings of each session, presented materials (e.g. slides), and other content will be provided to you as well.

And unlike our 3-day onsite training option, there are no limits on the number of attendees.

**Prerequisites:** None

## REMOTE TRAINING AGENDA

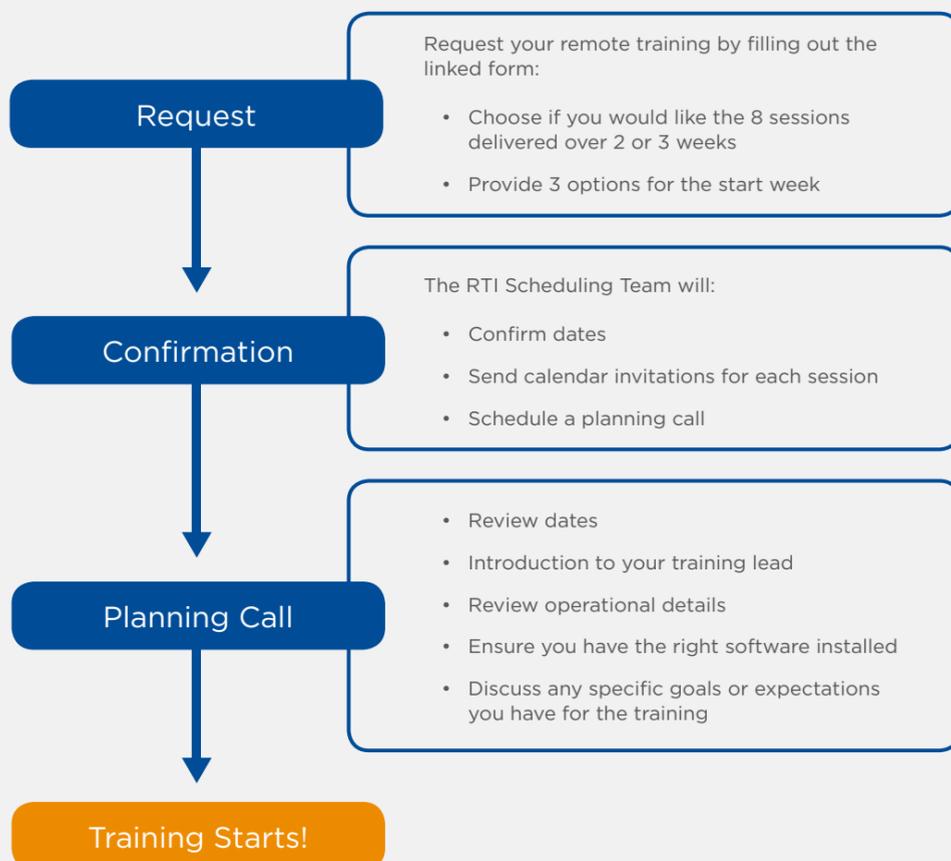
The Connex<sup>®</sup> DDS Professional (Connex Professional) remote training program consists of eight (8) 3-hour sessions. The eight sessions can be delivered over two or three calendar weeks, with session cadence depending on the availability of both the attendees and the RTI presenter.

SESSION	DURATION	TOPICS
1	3 hours	<ul style="list-style-type: none"> <li>About RTI</li> <li>RTI Connex Introduction</li> <li>Developer Resources</li> </ul>
2	3 hours	<ul style="list-style-type: none"> <li>Your use case: Presentation and Discussion</li> <li>DDS Data Model</li> </ul>
3	3 hours	<ul style="list-style-type: none"> <li>Quality of Service</li> <li>QoS XML Configuration</li> </ul>
4	3 hours	<ul style="list-style-type: none"> <li>Discovery</li> <li>Reliable data flow</li> </ul>
5	3 hours	<ul style="list-style-type: none"> <li>Keys, Instances, and Memory Management</li> </ul>
6	3 hours	<ul style="list-style-type: none"> <li>Publishing your data</li> <li>Performance considerations and RTI perfest</li> </ul>
7	3 hours	<ul style="list-style-type: none"> <li>Subscribing to your data</li> </ul>
8	3 hours	<p>Your instructor will work with your team to identify topics for this session. Choose from:</p> <ul style="list-style-type: none"> <li>Debugging</li> <li>Routing Service</li> <li>Extensible Types</li> <li>Connex Threading model</li> <li>XML-Based Application Creation</li> <li>Connex Tools and Utilities</li> </ul>

## SCHEDULING YOUR TRAINING

Ready for your training? The diagram below describes the process for scheduling your remote training.

The first step is for you to submit [this scheduling form](#).



## ABOUT RTI PROFESSIONAL SERVICES

The [RTI professional services team](#) helps organizations around the world optimize their high-performance DDS-based systems. With over 350 years of combined distributed system design experience and 130 years of DDS experience, our services engineers deliver results ranging from architecture and design review to performance optimization to operational efficiency gains to locating problems in homegrown code. Whether on-site or remote, we provide training, deep-dive analysis, recommendations and hands-on code changes to ensure systems work as intended.

Through years of successful projects, we've accumulated deep knowledge about best practices, system optimization and the key tradeoffs to satisfy customer requirements. Working closely with RTI's growing customer base, we continually discover better, smarter, and more effective ways to help our customers succeed.