

BACKGROUND

RTI's instructor-led remote training program introduces existing DDS users to securing your systems with Connex[®] DDS Secure (Connex Secure). The training teaches you to unite data centric principles with security so you can address the unique threats faced by your system. 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 a discussion of typical threat models and security objectives, followed by an overview of the Connex Secure framework. Next, the training shows how to configure the fine-grained security in Connex Secure, with specific attention to the relevant artifacts. This is followed by an in-depth discussion about managing authentication, protecting your data, and logging security related events. Finally, the training explores how to use Connex Secure with Connex Services.

Unlike our 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 onsite training option, there are no limits on the number of attendees.

Prerequisites: Previous Connex experience and/or training. You must be familiar with the fundamental DDS concepts such as DDS entities, publish/subscribe APIs, Quality of Service configuration, discovery, Connex tools, and configuration files.

Please contact scheduling@rti.com to discuss a customized training plan if you do not have the prerequisite knowledge.

REMOTE TRAINING AGENDA OPTIONS

The Connex Secure remote training consists of two lesson blocks. The first block, "Basics", is recommended for architects and developers that will be configuring security. The second block, "Advanced", is recommended for the same audience if any of the advanced topics are relevant to their system, or if they need a deeper understanding of how Connex Secure uses cryptography.

Each block consists of three (3) 2-hour sessions and is delivered over the course of one week. If you choose the "Basics" course, plan to allocate one week for the training. If you choose both the "Basics" and "Advanced" courses, plan to allocate two weeks for the training.

Connex Secure: Basics

WEEK	DAY	DURATION	TOPICS
1	1	2 hours	<ul style="list-style-type: none"> Threat Model and Security Objectives Connex Secure Intro
	2	2 hours	<ul style="list-style-type: none"> Configuring Governance Configuring Permissions
	3	2 hours	<ul style="list-style-type: none"> Labs (hands-on). Instructor-led demonstrations on using Connex Secure, covering topics such as creating and signing security artifacts, and verifying the security configuration. Attendee participation is encouraged.

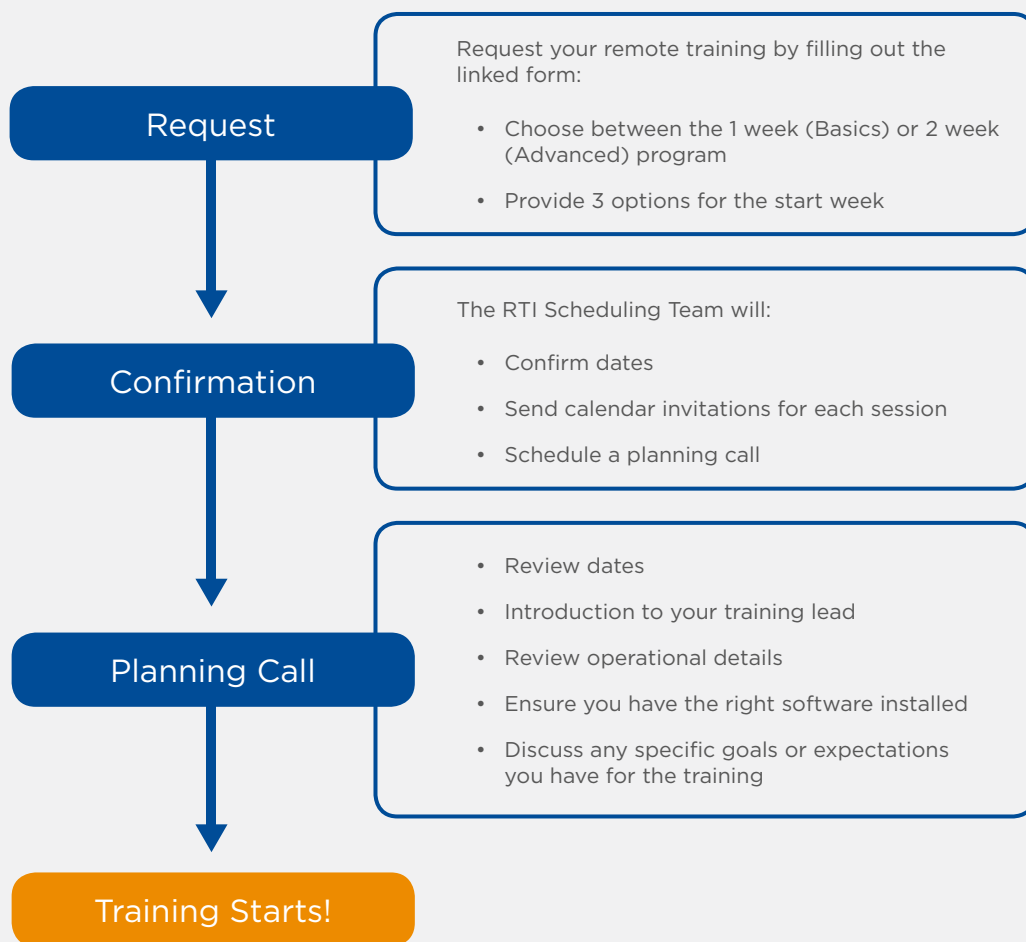
Connex Secure: Advanced *(Builds on Connex Secure: Basics)*

WEEK	DAY	DURATION	TOPICS
2	1	2 hours	<ul style="list-style-type: none"> In Depth: Authentication In Depth: Communication Protections
	2	2 hours	<ul style="list-style-type: none"> Connex Secure Version Differences Migrating to Connex Secure In Depth: Logging
	3	2 hours	<ul style="list-style-type: none"> Connex Secure and Connex Services Labs (hands-on). Instructor-led demonstrations on using Connex Secure, covering advanced topics such as configuring security for Connex Services. Attendee participation is encouraged.

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.