

BACKGROUND

RTI's instructor-led remote training program introduces existing Connex[®] users to securing your systems with 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.

Recordings of each session, presented materials (e.g. slides), and other content will be provided to you after the training is completed.

There are no limits on the number of attendees for live, remote trainings.

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.

In addition, you must have an understanding of specific cryptography concepts around Information Assurance (Authentication, Signing, Confidentiality, Integrity, Non-repudiation), OpenSSL, and Wireshark.

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

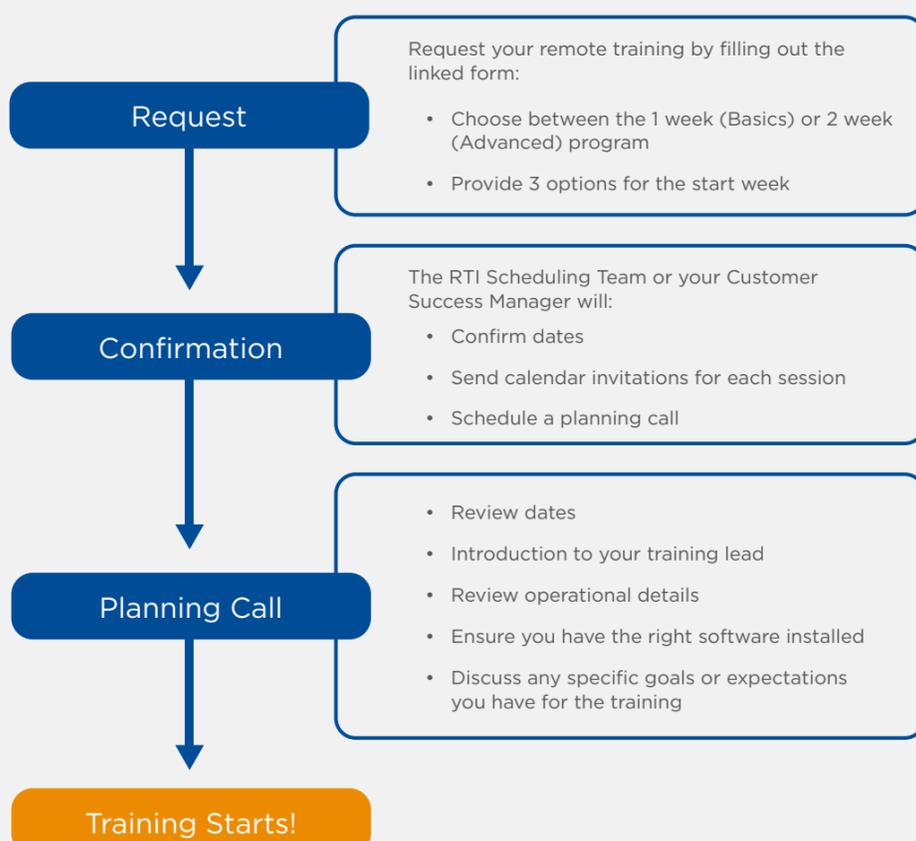
(Builds on Connex Secure: Basics)

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 Connex-based systems. With extensive experience designing distributed systems and detailed DDS knowledge, 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.

RTI's Customer Success (CS) team then helps ensure that our customers get the most value from our products and services. The CS team works closely with customers to help plan and execute product training as well as customized mentoring to bridge the learning curve. Consistently monitoring customer support requests, the CS team will work so that all critical issues are resolved in a timely manner. RTI is an advocate for all customers, applying feedback to drive changes in the product and the way we do business.

Through hundreds 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.