

RTI UNIVERSITY PROGRAM

RTI Connex for Classrooms and Research

FREE LICENSES TO OUR COMMERCIAL-GRADE INTELLIGENT CONNECTIVITY SOFTWARE

HIGHLIGHTS

Free, full-year license to Connex[®] Secure - unabridged version

Annual renewal option for longer-term projects

Hands-on experience with DDS, for students to build skills for future employment

Access to an online community to get support, share information and utilize additional resources

Opportunity to publish work

RTI provides researchers, professors and students with free, full access to our commercial-grade connectivity software for use in the lab or classroom. To participate, you must be affiliated with a nonprofit university, have a specific non-commercial research project or classroom course, and receive minimal or no commercial funding. Please view: www.rti.com/free-trial/university-program

USE, BUILD, TEACH AND RESEARCH AT NO COST

RTI is committed to supporting universities around the world in their advanced research and teaching of distributed systems. The RTI University Program offers complimentary access to the Connex[®] software to qualified institutions and projects. Connex is the world's leading implementation of the Data Distribution Service (DDS[™]) standard for real-time systems. It enables intelligent information exchange across highly autonomous systems that operate on real-time data exchange. It is field proven to process large volumes of data from sensors to the cloud with high reliability, security and scalability. When you choose Connex for your classroom or lab, you can be confident in knowing it's the same software that runs the world's most mission-critical systems.

IN THE CLASSROOM

RTI provides direct student access to Connex for hands-on learning and projects. Our library of instructional content provides professors with sample teaching materials, project

exercises and quizzes. At the end of the semester, we'll even highlight selected projects on our website to help students promote their work to future employers.

IN THE LAB

With Connex, you are gaining access to an intelligent connectivity framework that is interoperable, scalable and secure. The software has been used in over 1,500 projects to control, monitor, secure and optimize the performance of complex distributed systems. Connex is based on the DDS standard, which has been adopted by multiple industries including automotive (AUTOSAR Adaptive and AUTOSAR Classic), avionics (FACE[™]), grid modernization (OpenFMB) and medical (OpenICE). It integrates directly with ROS and ROS2, and was named a "Core Connectivity Standard" by the Industrial Internet Consortium.

For researchers who wish to promote their work, RTI offers opportunities to publish and present projects at select conferences.

WHY USE CONNEXT IN YOUR CLASSROOM OR LAB?

Universities around the world are using Connex to progress their research and provide advanced classroom education. Here's why:

- **It's Proven.** Connex is the leading commercial software for the DDS standard. It's been used in over 1,800 projects and applications (and counting).
- **It Reduces Risk.** Connex is trusted to run the world's most mission-critical systems, from undersea robotics to space exploration to autonomous vehicles.
- **It's Interoperable.** Connex provides an open architecture that is integrated and adopted by many other standards including AUTOSAR, FACE and ROS.
- **It's Easy to Get Started.** We offer a robust online community plus e-learning tools for all users. In the classroom, we offer lecture materials, sample project exercises and quizzes to use as is, or to supplement your classroom syllabus.
- **It Can Open Future Doors.** Your students will gain hands-on DDS experience, building new skills for future employment.

NEXT STEPS

To apply for a license, simply fill in the online application at www.rti.com/free-trial/university-program. Once approved, you will receive a link to download the software so you can start using it right away. It's that simple.

For more information, please contact UP@rti.com.

AS USED BY LEADING COMPANIES INCLUDING:
BAE SYSTEMS


GE Healthcare


Raytheon
SIEMENS
Virgin hyperloop one
ABOUT RTI

Real-Time Innovations (RTI) is the largest software framework company for autonomous systems. RTI Connex[®] is the world's leading architecture for developing intelligent distributed systems. Uniquely, Connex shares data directly, connecting AI algorithms to real-time networks of devices to build autonomous systems.

RTI is the best in the world at ensuring our customers' success in deploying production systems. With over 1,800 designs, RTI software runs over 250 autonomous vehicle programs, controls the largest power plants in North America, coordinates combat management on U.S. Navy ships, drives a new generation of medical robotics, enables flying cars, and provides 24/7 intelligence for hospital and emergency medicine. RTI runs a smarter world.

RTI is the leading vendor of products compliant with the Object Management Group[®] (OMG[®]) Data Distribution Service (DDS[™]) standard. RTI is privately held and headquartered in Sunnyvale, California with regional offices in Colorado, Spain and Singapore.

Download a free 30-day trial of the latest, fully-functional Connex software today: www.rti.com/downloads

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