

Niagara 4 Technical Certification Program (TCP)

Intensive training of the NIAGARA-Framework

Sinsheim



The NIAGARA framework is a universal software infrastructure that enables the creation of custom applications for real-time automation of intelligent devices over a local network or the Internet.

We offer training and education up to the Niagara TCP- certificate individually or in cooperation with DIAL Lüdenscheid.

In addition to technical basics you will intensively deal with practical experience. In the seminar you will work with current equipment and systems. You will learn to understand the NIAGARA Framework fundamentally and how to use it safely.

For this we offer you two possibilities. The completion of the TCP training ends with the official Tridium TCP certificate. For your successful participation in individual trainings and user trainings you will receive a final certificate "NIAGARA User Training".

Course contents

- Introduction: Overview Niagara Workbench
- Create a new station
- Basic components
- Tagging
- Driver 1 + 2: Modbus, BACnet
- Alarm monitoring
- Histories/Trends/Progress data
- Components in kitControl: Thermostat, LeadLag and PID component
- Time programs/scheduler
- Reusable logic: palettes and templates, creating templates (templates), station templates
- Hierarchies
- Commissioning of a JACE
- End user interface (graphics): Basics + plant graphics, PxInclude, dashboards
- Navigation file
- Categories, roles and users
- Web supervisor
- Tips and tricks

» SECURE USE OF NIAGARA. «

Format, duration and location	The seminar takes place at OAS in Sinsheim on five days of attendance.
Method	The seminar includes lectures, live presentations, and practical exercises.
Target group	Operators, system integrators, MSR technicians, installers
Certificate	Certificate "NIAGARA User Training". Certificate "Niagara 4 Technical Certification"
Price	On request

As part of Tridium's "Train the Trainer" program, our employee will be trained Tridium to become a Niagara trainer during three appointments.

Your trainer is Sergej Vizgalov, Software Development - IoT Solutions employee and certified Niagara Developer. In 2017, he completed his Bachelor of Science degree as part of a dual degree program in Computer Science and has been working for ProSystems GmbH since then.

Mr. Vizgalov is the German- and English-speaking future certified trainer for the Niagara basic course "Technical Certification Program" (TCP). At OAS he conducts the Tridium certified TCP standard training as well as the Niagara user training. OAS Open AutomationSystems GmbH uses the Niagara Framework and Tridium products, so you can look forward to a hands-on course with us.



Trainer Sergej Vizgalov, B.Sc.

Your contact person

Jasmin Thullner

+49 7265 / 49 96 522

jasmin.thullner@oa-systems.de