



# NIAGARA USER TRAINING

## CERTIFIED N4 TRAININGS PARTNER

### INDIVIDUAL TRAINING AND N4 TCP CERTIFICATES

powered by  
**niagara**  
framework®

Get certified now at OAS and start your Niagara career. We offer training on the Niagara 4 Technical Certification Program and individual customer training in German and English. The official five-day Niagara 4 training covers all aspects of the Niagara Framework®. Participants take part in exercises, demonstrations and a series of practical step-by-step workshops.

→ [www.openautomationsystems.store](http://www.openautomationsystems.store)

IoT Solutions and Services  
for Smart Automation

**TRIDIUM** authorised  
distributor

**open**  
automation  
systems

# Tridium Niagara User Training in Germany!



We are your qualified Niagara 4 training partner. As a new Niagara training partner, we are the new, strong pillar for Niagara technology in the DACH region. Planners, system integrators, building operators and industrial users now have a new contact point for Niagara training in their vicinity.

## Training and education up to the Niagara 4 TCP- Certificate we offer you individually.

Further advantages of OAS face-to-face classroom training are the exchange of experience and the great practical know-how. At the end of the N4 TCP training, OAS awards the Tridium original certificate after passing the exam. OAS fulfils all requirements for the provision and administration of the Niagara 4 certification. In the areas of building automation, energy services, power supply and industry, OAS provides the necessary technical expertise. The focus is on using the "Workbench" embedded in the Niagara 4 framework. Designing, planning and programming projects efficiently and effectively is the goal.

In addition to technical basics, you will deal intensively with practice. In the seminar you work with current devices and systems. You will learn to understand the Niagara Framework fundamentally and to use it safely. We offer you two options for this. The completion of the Niagara 4 Technical Certification Programme (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".

**GET CERTIFIED!**

## Tridium Authorized Distributor

We are the Tridium Authorised Distributor in Germany. In combination with us as Niagara 4 Certified Training Partner, we are your strong partner in realising your plans into an open and digital future. Thousands of companies and public authorities worldwide rely on Niagara and prefer open solutions based on the Niagara Framework®. As your Tridium Niagara Solution Provider in cooperation with ProSystems GmbH as Niagara Certified Developer, we can advise and support you in all aspects of the Niagara Framework. Our Niagara Solution Provider Store makes it possible.



# Niagara 4 Technical Certification Program (TCP) Training



Our official, five-day, German-language Niagara 4 training covers all aspects of the Niagara Framework®. Participants will take part in exercises, demonstrations and a series of practical step-by-step workshops using the Tridium JACE® 8000 and the Niagara 4 Workbench Engineering Tool & Supervisor. The final day will consist of a practical exam where participants will be tested on all areas of the Tridium Niagara 4 Framework covered in the course. The Niagara 4 Technical Certification Program is designed for both system integrators and BMS engineers.

Candidates who successfully complete the Niagara 4 Technical Certification Program will receive an official Tridium certificate that demonstrates a good, solid foundation of expertise required to efficiently design, construct and program projects using Niagara 4.

## Intensive training of the NIAGARA framework

### Learning content

- Introduction: Overview Niagara Workbench
- Creating a new station
- Basic Components
- Tagging
- Driver 1 + 2: Modbus, BACnet
- Alarm monitoring
- Histories/Trends/History data
- Components in kitControl: Thermostat, LeadLag and PID component
- Time programmes/scheduler
- Reusable logic: palettes and templates, creating templates, station templates
- Hierarchies
- Commissioning of a JACE
- User interface for end users (graphics): Basics + system graphics, PxInclude, dashboards.
- Navigation file
- Categories, roles and users
- Web-Supervisor
- Tips und Tricks

powered by

**niagara**  
framework®



# Niagara User Training

The training is the ideal introduction to the world of the Niagara Framework. The aim is to provide participants with a basic level of technical expertise required to effectively and efficiently operate and make minor modifications to their existing building's Niagara 4 building automation system. With the participation in our individual trainings and user trainings you will receive the completion certificate "NIAGARA User Training". Target group: Plant owners, operators, managers, system integrators & sales, OEMs, distributors and business partners.

## Your Niagara 4 Technical Trainer

Your trainer is Sergej Vizgalov, Software Development Associate - IoT Solutions and certified Niagara Developer. Mr. Vizgalov is the German- and English-speaking 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.



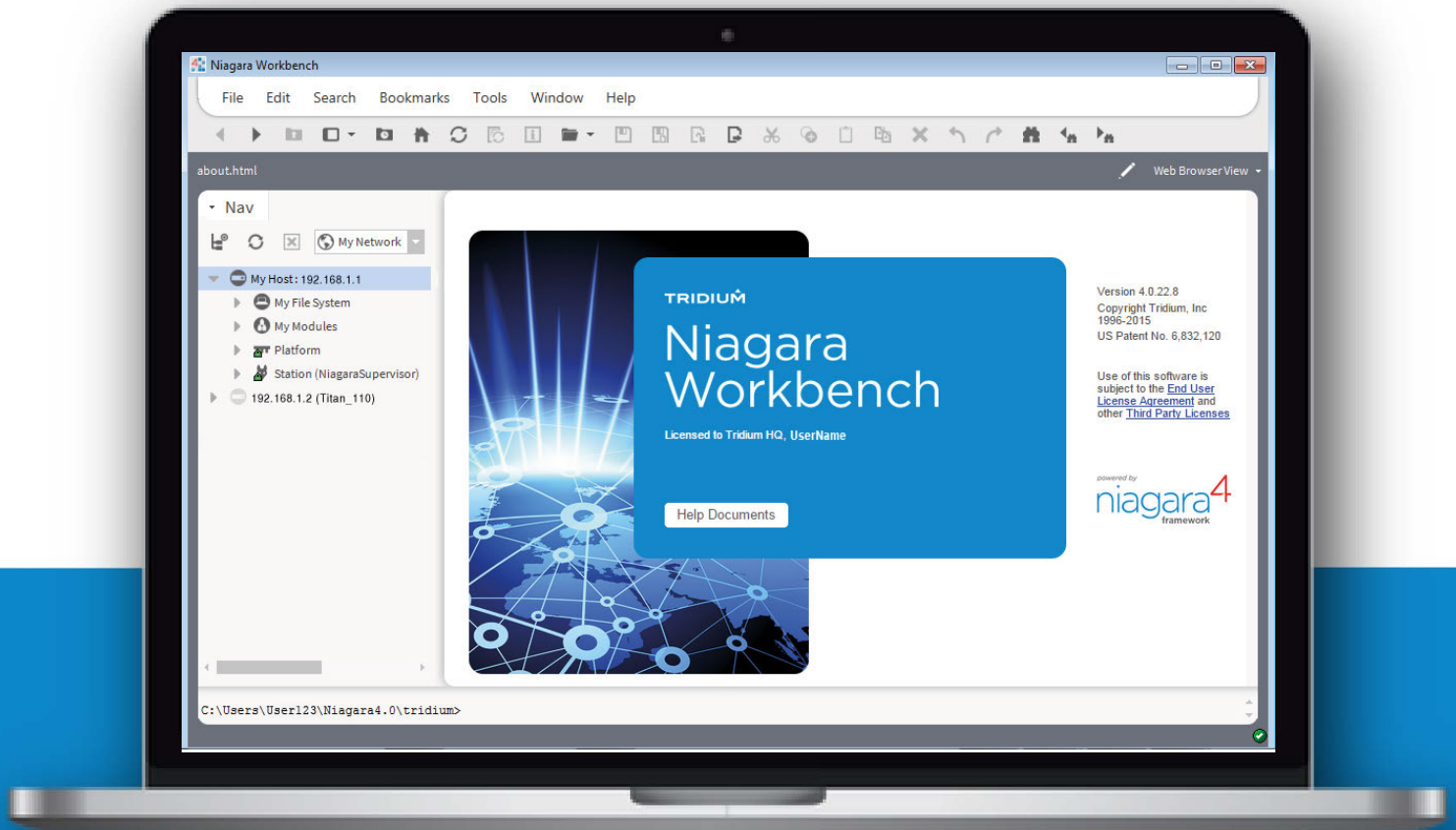
**The demand for Niagara 4 continues to grow. Our recognition as a Niagara TCP training partner ensures that our clients take away the maximum benefit from using the Niagara framework and develop a comprehensive understanding of Niagara 4.**

———— Sergej Vizgalov ————



For more information, contact  
[sales@oa-systems.de](mailto:sales@oa-systems.de) or visit our store at  
[www.oa-systems.de](http://www.oa-systems.de)





## Proficiency with the Niagara Workbench

The TCP training teaches the safe handling of the Niagara Workbench. It is the central engineering tool and provides uniform support for all steps from development to system integration and commissioning. It also organises the maintenance of all connected software and hardware products, devices and applications in the Niagara Framework.

The Niagara Workbench is presented in all its facets: How it can be used to develop standardised templates, but also customised special applications. And how it serves as a solid foundation for all applications, from simple building automation and local HMI solutions to supervisor and management tasks in global BMS or SCADA applications.

Since its rollout, the Niagara Framework® has become the in-demand IoT platform for energy and building management. Tridium recently counted more than 1 million applications worldwide. Completely open and independent of manufacturers and communication protocols, all systems are integrated uniformly.

# OAS trains Niagara 4 users

For years, OAS has been offering Niagara 4 training courses for its customers, planners and contractors. For the efficient integration of building technology, the OAS training courses are a benefit in every respect. They open the way to digital building concepts and secure investments with the necessary know-how. Arrange your individual training now!

OAS offers the Niagara trainings for German or English speaking participants at OAS in Sinsheim, in-house at interested companies or at other desired locations. To make an appointment:

[sales@oa-systems.de](mailto:sales@oa-systems.de),

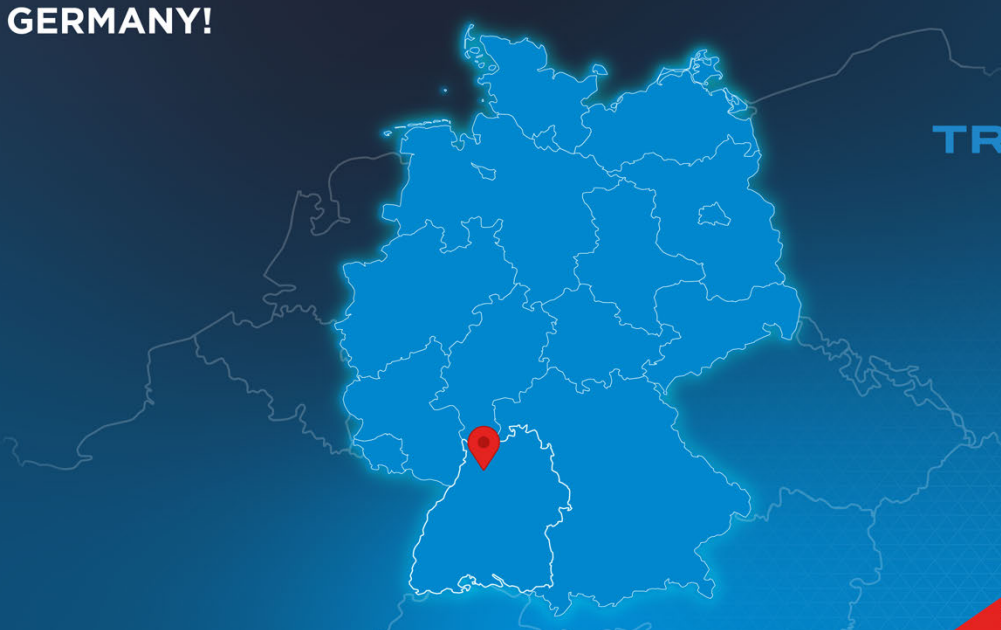
Information: <https://www.niagara-solution-provider.store>

”

**We optimally prepare participants for the challenges of the future in the digitalisation of the entire building technology. The solution for smart buildings and smart cities lies in end-to-end integration into the IoT. Tridium's Niagara Framework® is the perfect technology for this.**

———— Ralf Rostock ————  
Managing Partner

**THE TRIDIUM AUTHORIZED DISTRIBUTOR  
IN GERMANY!**



**open**  
automation  
systems

**TRIDIUM** authorised distributor

Offered by: OAS Open AutomationSystems  
[sales@oa-systems.de](mailto:sales@oa-systems.de)

## IoT Solutions and Services for Smart Automation

Individual solutions for intelligent buildings / smart building solutions - we offer you everything you need for this. From the automation and control technology of your lighting and facade control to the automation of the heating, ventilation and air conditioning system, we offer you both individual components and standardized and proven SBS complete solutions.



powered by  
**niagara**  
framework®

**TRIDIUM** authorised distributor



OAS Open AutomationSystems GmbH

Am Forst 26  
74889 Sinsheim  
Germany

Tel.: +49 7265 / 49 96 522  
Fax: +49 7265 / 49 96 523  
Mail: [sales@oa-systems.de](mailto:sales@oa-systems.de)  
[www.openautomationsystems.store](http://www.openautomationsystems.store)



Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings. Subject to changes.

© 2022 PGA Gesellschaft für Prozess und Gebäudeautomatisierungstechnik mbH. All rights reserved.