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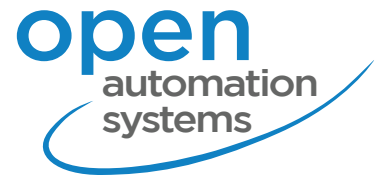
open automation systems

NIAGARA USER TRAINING

CERTIFIED N4 TRAININGS PARTNER

INDIVIDUAL TRAININGS AND
N4 TCP CERTIFICATES

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/en

IoT Solutions and Services
for Smart Automation

powered by

niagara
framework®

Tridium Niagara User Training in Germany!

We are your qualified Niagara 4 training partner. As a training partner, we are the mainstay for Niagara technology in the DACH region. Planners, system integrators, building operators and industrial users thus have a new contact point for Niagara training nearby.

GET CERTIFIED!

Tridium Authorized Distributor

We are the Tridium Authorized Distributor in Germany. In combination with us as Niagara 4 certified training partner, we are your strong partner in realizing your plans into an open and digital future. Thousands of enterprises and public sector organizations 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.

Trainings up to Niagara 4 TCP certificate

Further advantages of the personal face-to-face 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. We meet all the requirements for providing and managing Niagara 4 certification. In the areas of building automation, energy services, utilities 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 practical applications. In the seminar, you will 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 Program (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".

TRIDIUM
2022 GOLD DISTRIBUTOR

TRIDIUM authorised distributor

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 as well as the Niagara 4 Workbench Engineering Tool & Supervisor. The final day consists of a hands-on exam that tests participants 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.

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The demand for Niagara 4 continues to grow. With our recognition as a Niagara TCP training partner, we ensure that our customers take away the maximum benefit from using the Niagara framework and develop a comprehensive understanding of Niagara 4.

Sergej Vizgalov
Niagara 4 Certified Technical Trainer

Intensive training of the Niagara framework

Course contents

- Introduction: Overview Niagara Workbench
- Creating a new station
- Basic Components
- Tagging
- Drivers: Modbus RTU, Modbus TCP, BACnet
- Alarm monitoring
- Histories/Trends/History data
- Time programs/scheduler
- Reusable logic: palettes and templates, creation of templates, station templates
- Hierarchies
- Commissioning of a JACE

- Certificate management JACE and Supervisor
- User interface for end users (graphics): Basics + system graphics, PxInclude,
- Navigation file
- Categories, roles and users
- Web-Supervisor
- Tips and tricks

Niagara User Training

The training is the ideal introduction to the world of the Niagara Framework. The goal 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. By participating in our individual training and user education courses, you will receive the completion certificate "Niagara User Training". Target group: Facility owners, operators, managers, system integrators & sales, OEMs, distributors and business partners.

For more information
contact sales@oa-systems.de
or visit our store at www.oa-systems.de

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,
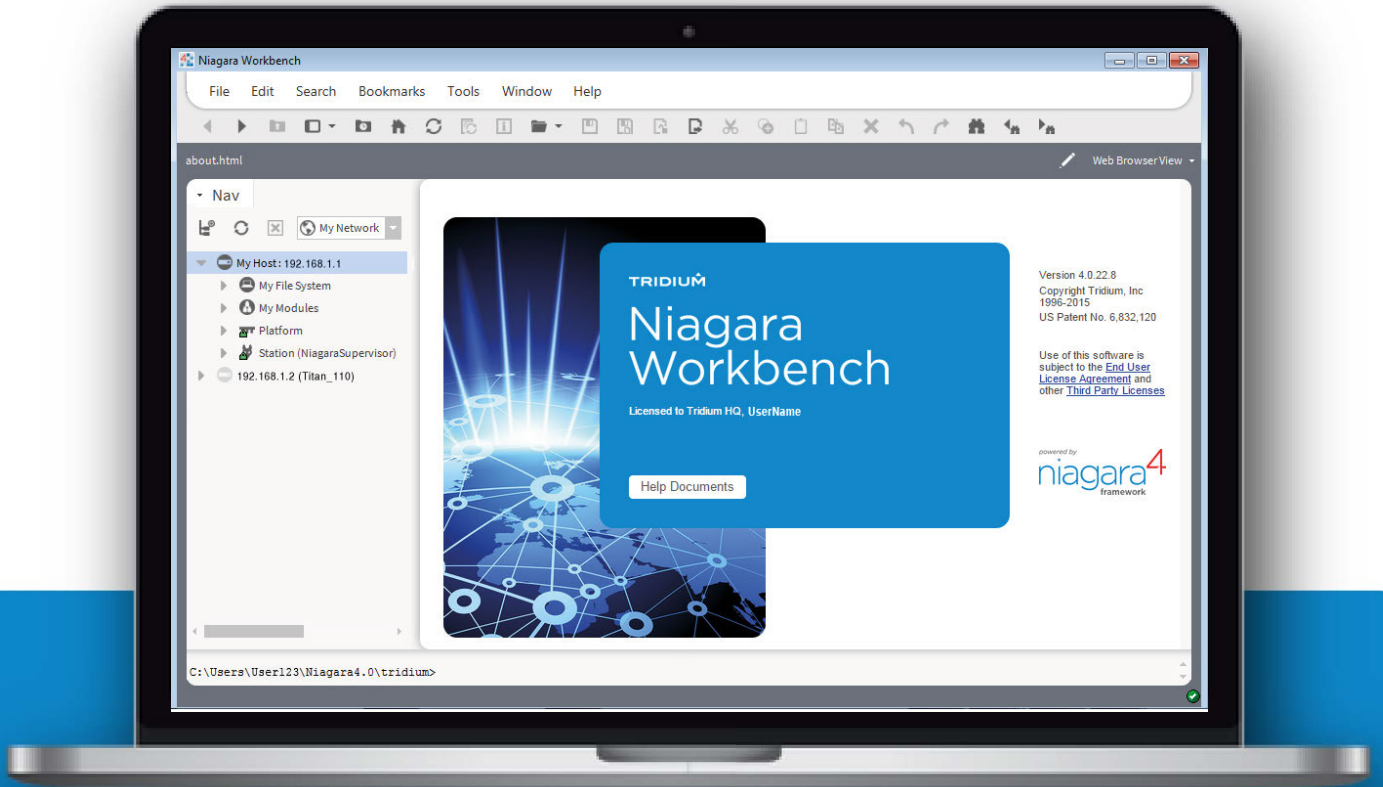Information: www.niagara-solution-provider.store

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We optimally prepare participants for the challenges of the future in the digitalization 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.
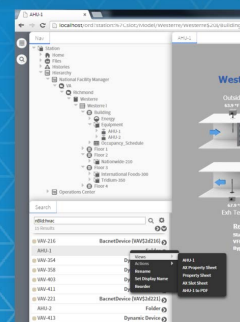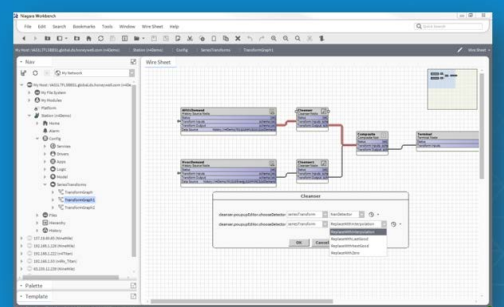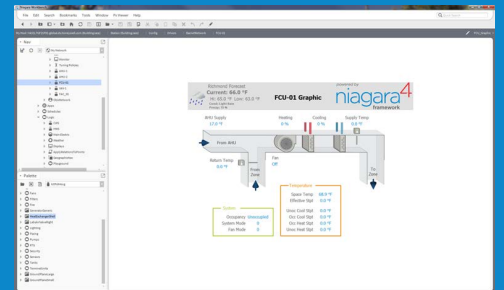
Ralf Rostock
Managing Director

Confident use of the Niagara Workbench

The TCP training teaches the competent handling of the Niagara Workbench. It is the central engineering tool and uniformly supports all steps from development to system integration and commissioning. It also organizes 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 standardized templates as well as custom 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.

Seit dem Rollout ist das Niagara Framework® zur gefragten IoT-Plattform für das Energie- und Gebäudemanagement geworden. Mehr als 1 Mio. Anwendungen weltweit zählte Tridium kürzlich. Vollkommen offen und unabhängig von Herstellern und Kommunikationsprotokollen werden alle Systeme einheitlich integriert.

Frequently asked questions

Duration of the course

An official Niagara 4 training course from OAS lasts 5 days. During the 5 days, all important aspects of the Niagara 4 framework are covered. Course participant engagement is encouraged through several discourses. Examples include guided walk-throughs, demonstrations, and a series of step-by-step practicals. The course also covers the JACE 8000, multiprotocol IO modules, the Niagara 4 Workbench Engineering Tool & Supervisor.

Is experience with Tridium required?

The Niagara 4 technical certification program is designed for system integrators and engineers with diverse backgrounds. This means that you do not need prior experience with the Niagara Framework. Nevertheless, experience with Tridium is an advantage, but not mandatory.

What does the N4-certification certify?

Upon completion of the Tridium Niagara 4 technical certification program, they will receive an official Tridium Niagara 4 certification. This can be obtained online via the Tridium University Portal. This certificate demonstrates a solid foundation of expertise to efficiently design, plan and program projects with Niagara 4.

Is there an exam?

Yes. There will be a practical exam on the 5th and last day of the course. The exam will mainly test your knowledge in all areas of Tridium's Niagara 4 Framework. In addition, the exam lasts the whole day.

Why should you complete this training with OAS?

We have an excellent team of experts who will make sure you learn and enjoy the week you spend with us. We create an experience that includes excellent learning. In our offices, we ensure that all participants receive fresh coffee, tea and snacks throughout the day, as well as a delicious lunch.

What you should know before starting the course:

About a week before the course starts, our team will send information to participants asking them to register with Niagara. We feel this is a worthwhile activity, as you will then have access to some free training resources on the Niagara Community website, as well as receive the notes prior to the start of the course. This gives participants the opportunity to familiarize themselves with the course material and develop a list of questions they may need to answer. Tridium also provides numerous resources, so it is always worth checking the box to receive updates from Tridium directly.
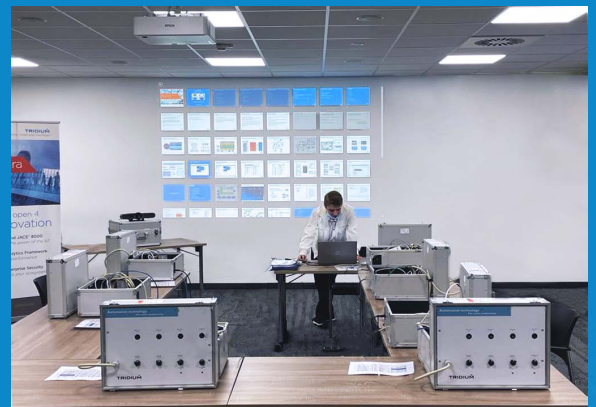
We offer the updated Niagara 4 TCP training

OAS is a certified provider and training partner of Niagara 4 TCP trainings in German language since 2021. Successful participation in such a training entitles the participant to register as a certified Niagara system integrator. The TCP certificate demonstrates a solid foundation of expertise required to efficiently design, program and commission projects with Niagara 4.

For 2023, the training content has been updated and expanded. The update includes the following:

- Use of the Modbus TCP driver (IP connection)
- Certificate management in JACE & Supervisor
- Deepening in to the creation of visualizations (Px-Graphics)
- Use of Niagara Virtuals in the Supervisor

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.

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