

TRIDIUM

TRIDIUM talk

CONNECT ANYWHERE WITH
niagara remote™

niagara
cloud SUITE™



niagara cloud SUITE™

Niagara Cloud Suite is a scalable cloud-based solution that helps you provide more secure, remote building management services in accordance with Tridium's model of open and extensible integration with devices, services, and applications.

PREREQUISITES:

- Niagara Framework® Supported Versions
- Active Software Maintenance Agreement



WHY NIAGARA CLOUD SUITE

Leveraging the Niagara Framework®, Niagara Cloud Suite™ offers a trusted, secure source of building data that can be used with the analytics platform or to build custom dashboards or applications that best meet a customer's needs with Niagara Data Service™, saves time and effort to rebuild systems due to data loss by providing disaster recovery and improved resiliency with Niagara Recover™ *and reduces onsite time troubleshooting by providing remote access with Niagara Remote™.*

Niagara Cloud Suite provides a true cloud native, collaborative tool set that only Tridium can build for the community.

CONNECTING TO NIAGARA CLOUD SUITE

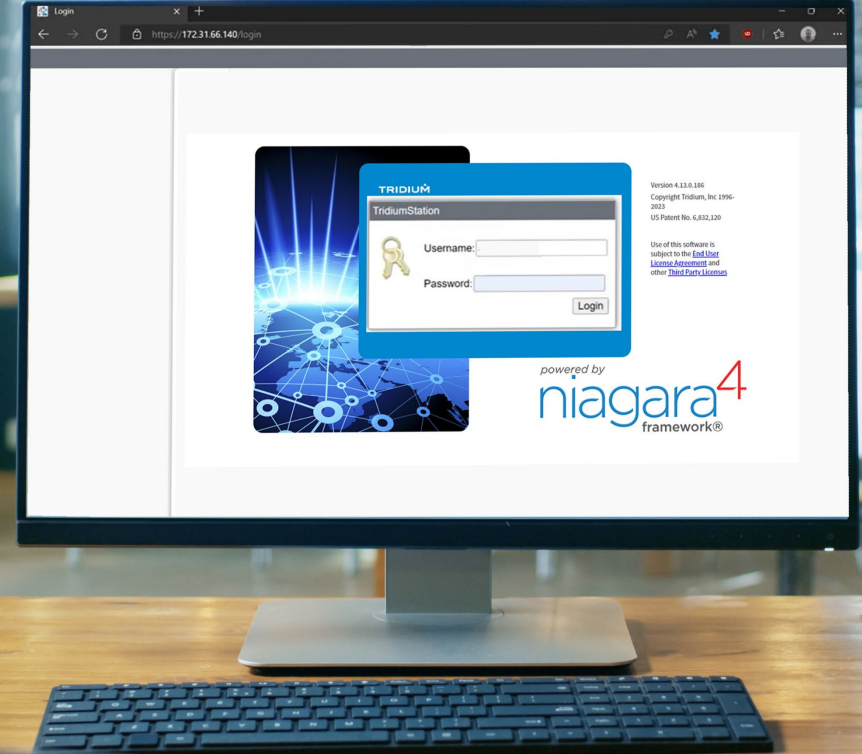
'Defense in Depth' Strategy:

Role-Based Data Access

Encryption via HTTPS

Chain of Trust via Certificate Authentication

Multi-Factor Identity Authentication



NIAGARA CLOUD APPLICATIONS

Cloud Backups
(Baseline & Scheduled)

niagara
recover™

Remote Engineering & Monitoring

niagara
remote™

More to Come

niagara
data service™

next
service...



- Contextualized Data
- Cloud Histories
- 3rd-Party App Access
- *NEXT - Live Data, Alarms, Schedules*

Designed to simplify your journey to the cloud

Designed for cyber security and protection of your data

niagara remote™

Niagara Remote™ provides web-based remote access to a Niagara station from an Internet-connected browser



Log into a Niagara Supervisor or JACE remotely via browser



No additional hardware, gateways or VPNs required!



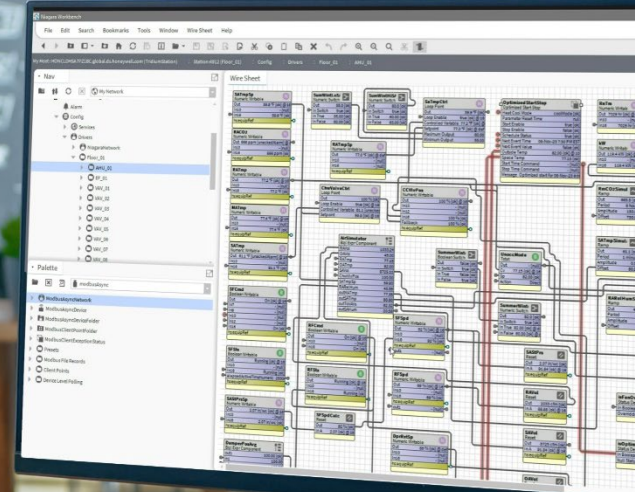
niagara
cloud^{SUITE™} Management Portal

WHY NIAGARA REMOTE?

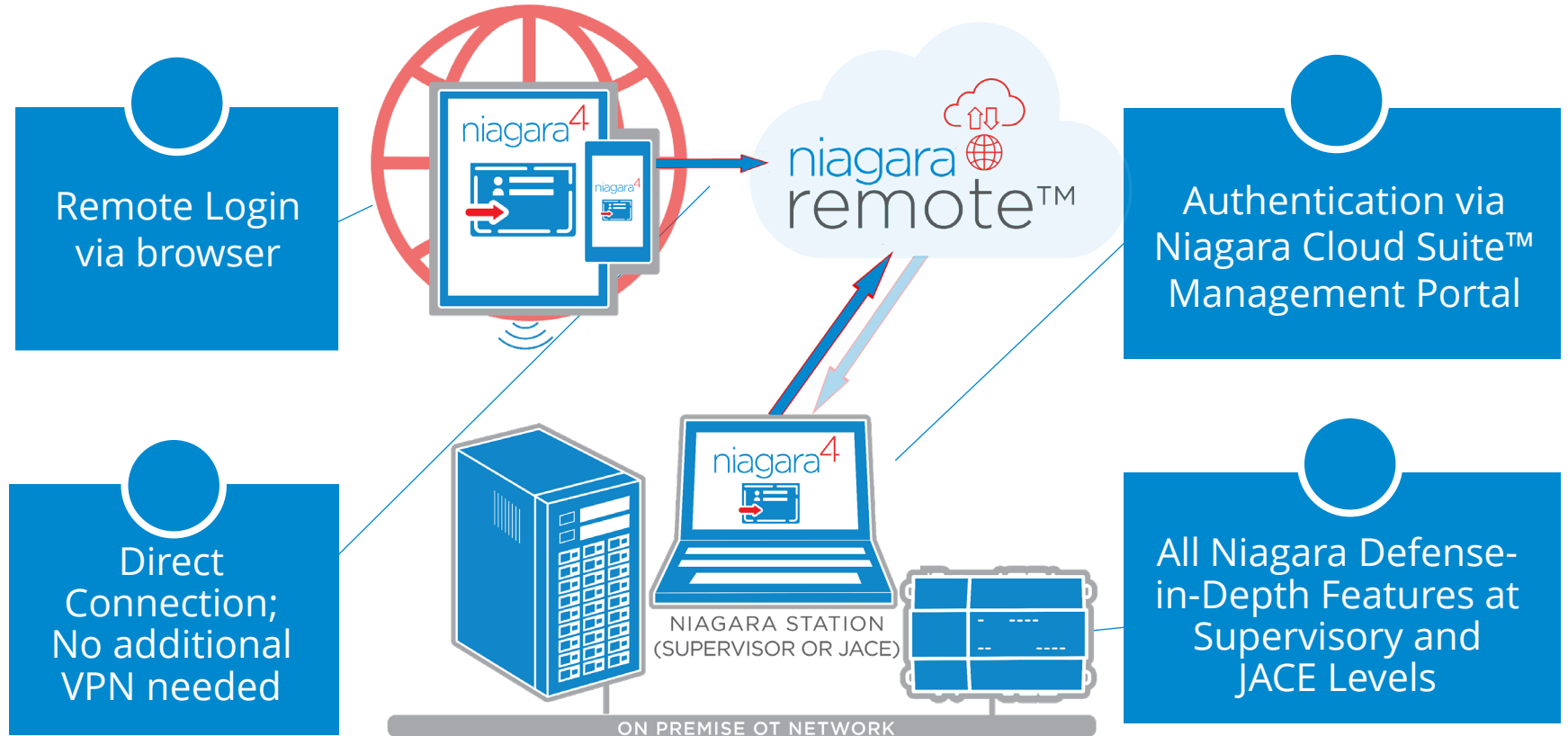
Niagara Remote helps increase productivity and savings for the busy Niagara Framework user that needs to:

- Troubleshoot a Niagara deployment
- Perform regular engineering and maintenance work on their Niagara station
- Access the Niagara UI to check the status of Niagara stations across a Niagara-based network

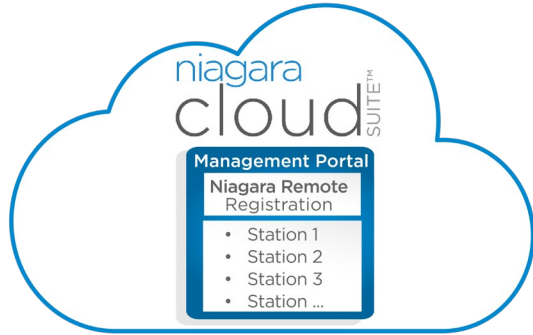
Payback measured
in fewer truck rolls!



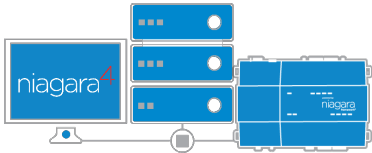
NIAGARA REMOTE FEATURES



HOW NIAGARA REMOTE WORKS



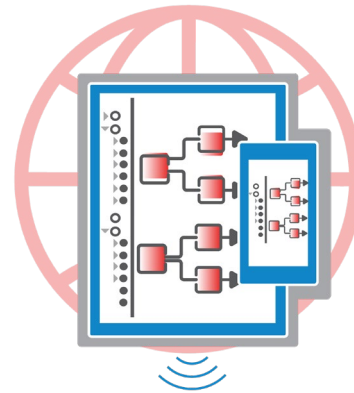
Registration: Subscribers register Niagara Supervisors and JACEs on Niagara Cloud Suite™ management portal.



Connection: Registered stations create a secure, outbound WebSocket connection on port 443.



Log In: Remote users log into the Management Portal from browser. Upon successful authentication (including MFA), a remote access session is established over the station's WebSocket connection.



Work Remotely: Remote users can log on to Niagara Stations and do tasks inside Niagara applications, as if they were using an on-premises Niagara station. Web traffic is routed over WebSocket connection.



Log Out: Remote users log out from each Niagara station accessed during the remote session.

CONNECTING REMOTELY



BETA FEEDBACK

SIMPLE TO USE!

*Connected like it was
directly connected!*

*Makes it really easy to
access anything!*

*Easy to use to access
stations that would
otherwise
be inaccessible!*



TRIDIUM

niagara 4.14

NEW HTML5 WEB VIEWS

Save Time Engineering Niagara Stations through a web browser.



Accessible
and
Open

Client Version
+ Brand
Agnostic

Dedicated
Application
not Required



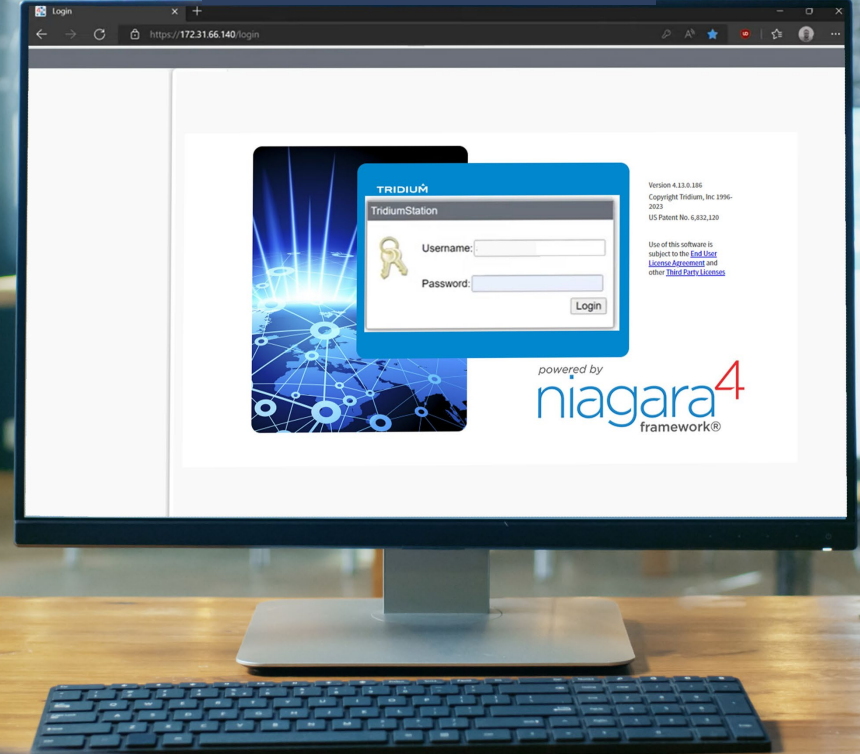
PRODUCT DEMO

WHY NIAGARA REMOTE?

Niagara Remote helps increase productivity and savings for the busy Niagara Framework user that needs to:

- Troubleshoot a Niagara deployment
- Perform regular engineering and maintenance work on their Niagara station
- Access the Niagara UI to check the status of Niagara stations across a Niagara-based network

Payback measured
in fewer truck rolls!



Extending Niagara Framework to Cloud with niagara cloud SUITE™





The background is a solid blue color with a complex, repeating geometric pattern. The pattern consists of a grid of lines that intersect at circular nodes, creating a series of interconnected triangles and polygons. The lines are slightly darker than the background, and the nodes are represented by small, darker circles. The overall effect is a sense of depth and structure, reminiscent of a modern architectural design or a technical diagram.

NIAGARA RESOURCES & MATERIALS

NEW Niagara Remote Training in Tridium University!!

Intro to Niagara Remote

By Joseph Reiersen Published: Jan 12, 2024 25m Beginner  ☆☆☆☆☆ (0)  [Report](#)

Free Self-Paced Elearning

 Plan  Favorites



E-learning Course

Started on February 1, 2024.

Launch



Welcome to the course on Tridium's Niagara Remote! Here you get to learn about what Niagara Remote is and the benefits of it. You will also get to take a deep dive into how Niagara Remote works and some inside looks into its day to day use.

WHERE CAN I FIND MORE TRIDIUM TALKS?

ENGLISH(EN) | Niagara Community | Niagara Marketplace | Niagara Resource Center | Tridium University



OPEN AUTOMATION SOLUTIONS

Products

Learn

Where to Buy

Services & Support



Professional Services



Software Maintenance Agreements



Niagara Asset Manager



Tridium University



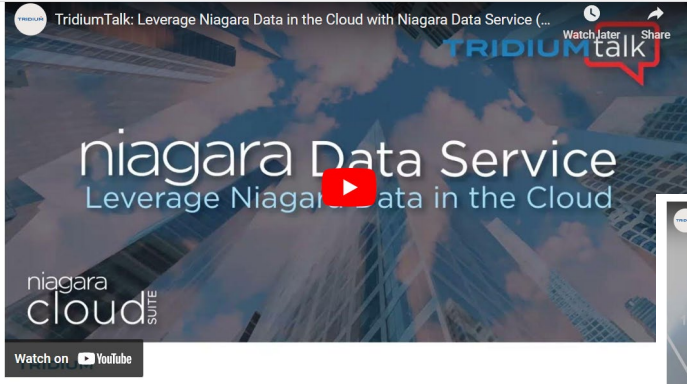
Niagara Marketplace



Library



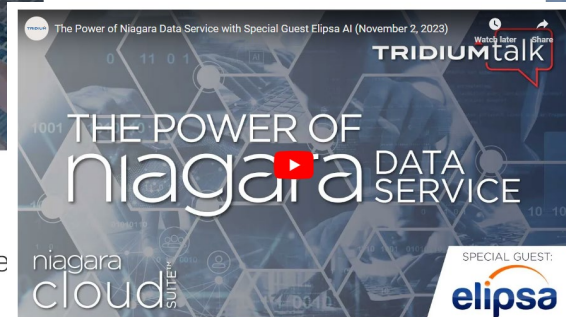
Events



JAN 26

2023

Leverage Niagara Data In The Cloud With Niagara Data Service



NOV 02

2023

The Power Of Niagara Data Service With Special Guest Elipsa AI

This TridiumTalk showcases the features of Niagara Data Service and how Elipsa and Tridium have delivered what others only talk about!

Zoom

Nov 02 - Nov 02, 2023 / 11 AM ET



OCT 19

2023

Safeguard Your Data With Niagara Recover

Niagara Recover™ is a subscription service offering within the Niagara Cloud Suite that provides data backup and recovery functionality for Niagara Stations.

Zoom



LOOKING FOR NIAGARA PRO TIPS?



<https://www.youtube.com/user/TridiumInc/videos>



EARLY BIRD RATE EXPIRES FEB 11

NS2024

APRIL 15 - 17 | ANAHEIM, CA





THANK YOU!

To learn more about how to purchase and start using Niagara Remote™, please contact your Tridium account manager or Niagara partner.