

niagara
cloud

Roadmap &
Vision

NS2022
ACCELERATING INNOVATION

Agenda

Problem Statement

Value Proposition

Niagara Data Service

*Remote Management & Disaster
Recovery*



As a System Integrator I need:

Flexible and scalable integration options that will solve my customers' problems

The ability to remotely access Niagara systems in order to do my job quickly and efficiently

More solutions to sell to customers which can be configured with the Niagara tools understood in my industry today

As a Facility Manager I need:

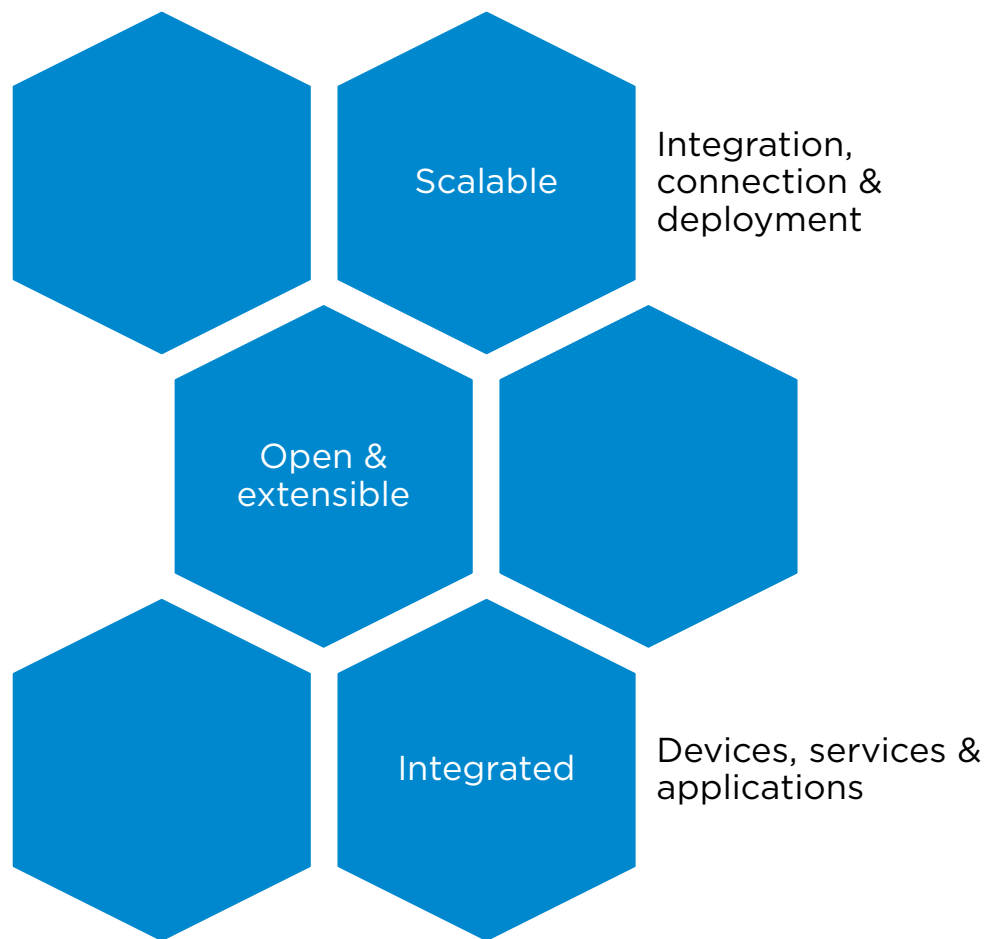
A mechanism for remote management & troubleshooting for my building

A centralized view of my building(s) and assets

Secure storage of historical & trend data from my building(s)

A trusted, secure source of all my building data that I can use with the analytics platforms of my choice

Niagara Cloud Suite



A cloud-based suite of services,
built for Tridium's
channel partners and
end users
to provide secure,
remote building
management.

Value Proposition – Channel Partners



Sell more services to clients with lower implementation costs



Faster implementation times allow for completion of more jobs



Familiar Niagara interfaces & configuration



Reduces time troubleshooting and servicing Niagara

Value Proposition – End Customers



Find new value in existing Niagara systems investment



Continuity of operations, providing off-site configuration and backups



Faster time to service



Portfolio trend analysis – improve operational efficiency, compare building performance & identify problem areas



Digital building history, maintenance and performance records enable valuation growth; investors can sell at a greater price

Niagara Data Service

Use Case

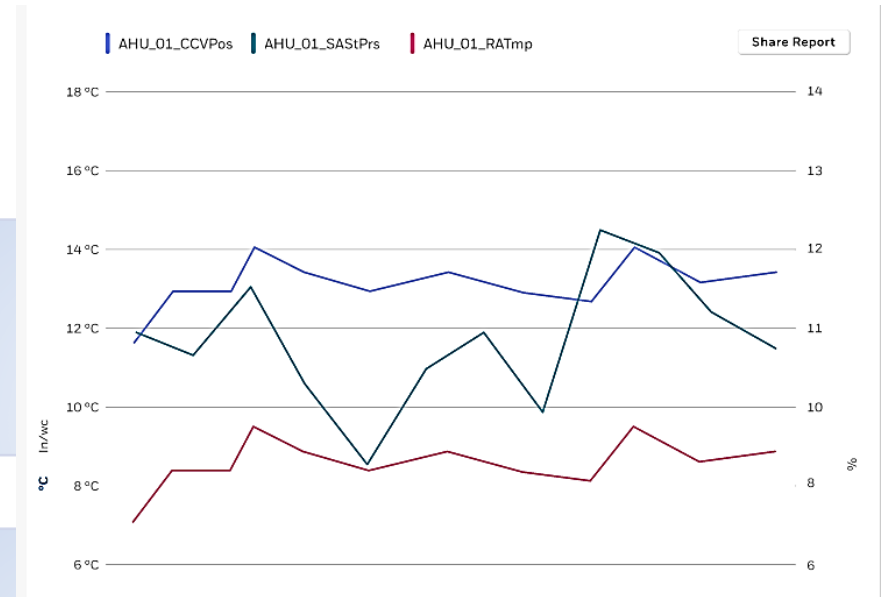
- Analysis of history data
- Energy usage, performance

Cloud Service

- Ingest, store, query
- Leverage Haystack tagging (future capability)

Built for Niagara

- Niagara Data Service API
- Niagara Model Service



Signing up Early Access users now!

Beta release sign-up in June

Niagara Cloud Suite management plane

Management of customers, devices, and access to new cloud services

Manage User privileges and roles for System Integrators and customers

Onboard Niagara Cloud Suite services starting with Niagara Data Service

View basic history data representation

Niagara Community integration



niagara cloud

← Back

CUSTOMER WAYNE

PROJECTS (7)

Q Search Project

- All Projects
- Headquarters
- Manufacturing Facility
- R&D Facility
- Sales/Regional Offices
- DB Buildings
- Boutiques
- Project Name 7

+ Create new Project

ALL PROJECTS

1-15 of 100

STATION/ HOST ID	SITE/ PROJECT	SUBSCRIBED SERVICES
Station name 1 SDF-23423-34335	Headquarters Location Name 1	Data Service
Station name 2 SDF-23423-34336	Headquarters Location Name 2	Data Service
Station name 3 SDF-23423-34337	R&D Facility Location Name 3	Data Service
Station name 4 SDF-23423-34338	R&D Facility Location Name 4	Data Service
Station name 5 SDF-23423-34339	DB Buildings Location Name 5	Data Service
Station name 4 SDF-23423-34338	R&D Facility Location Name 4	Data Service

Showing 1-6 of 200 Items

Disaster Recovery

Automated and On-demand Backups

Notes functionality to record details of each backup

Secure data encryption in motion and at rest

Ability to set up alarms for backup failure



Geolocation to connect to nearest Niagara Cloud Server with the highest priority

Flexible back-up limits so no on-demand backups are denied

Chunked data streaming, allowing back-ups of near-capacity JACEs

Remote Management & Engineering

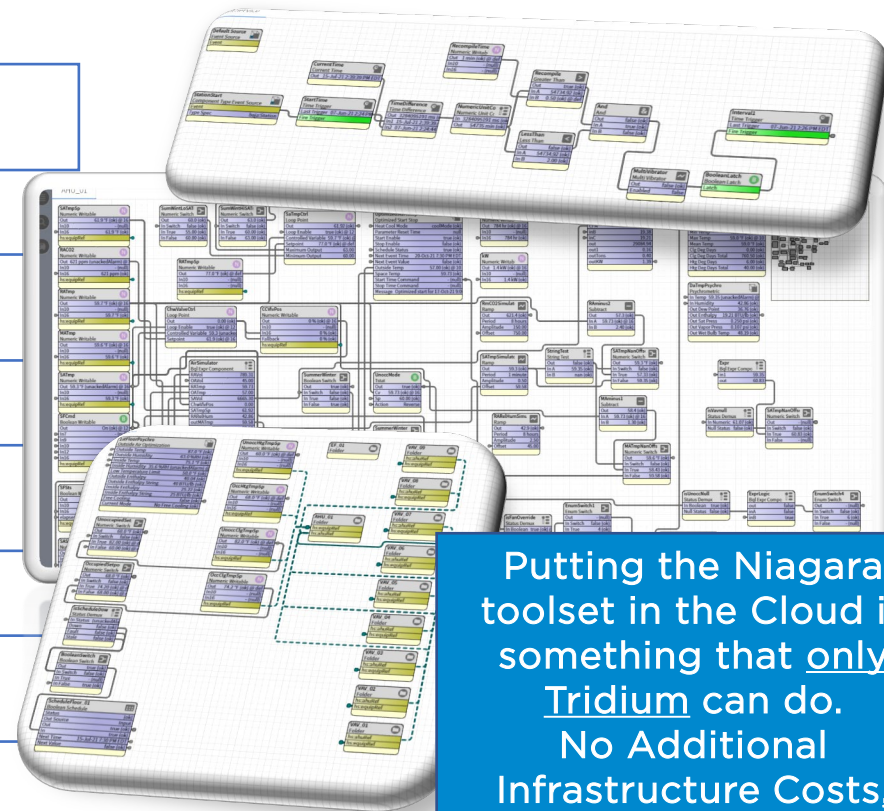
Securely configure, administer, and engineer Niagara systems

Secure tunneling, browser-rendered views for end-user access

Removes burden of on-site troubleshooting and administration

Faster resolution of issues

Functionality integrated into management plane



Putting the Niagara toolset in the Cloud is something that only Tridium can do. No Additional Infrastructure Costs, Built Into The Platform. "Holy Grail of Niagara"



NS2022

ACCELERATING INNOVATION

CHARLOTTE, NC | APRIL 4-6

We invite your feedback!

Let us know what future services would benefit system integrators and end users

What would these services mean to your business?