

# niagara<sup>4</sup> Software Maintenance Agreement

When covered by a Niagara Software Maintenance Agreement (SMA), you are entitled to download the latest Niagara Framework® releases as soon as they are made generally available. Timely software upgrading is essential cyber defense. Keeping up with the cadence of Niagara Framework releases — including critical cybersecurity upgrades and fixes — is made easier by an SMA. You gain access to the latest connectivity, data visualization, and deployment options, and you know that you are running software that has been tested to comply with standards.

## SMA BENEFITS

- Access to newest technology
- Easier asset management
- Access to Niagara Analytics upgrades
- Access to new and updated drivers
- Access to cybersecurity updates
- Included by default with subscription licenses



Niagara 4 development cadence is at-pace with fast-evolving market needs. Here are some of the many reasons you want an SMA to ensure that your deployment doesn't fall behind:

### FOR OWNERS & THEIR IT TEAMS

As a Niagara customer, you already understand how operational data can be tapped to make better decisions. A connected building or process comes with responsibility to secure any data collected or stored. New threats to cybersecurity emerge everyday, as do new ways to reap value from your data. By signing up for an SMA, you can:

- Download the newest releases including the most recent cyber fixes;
- Empower your Niagara users with new productivity-enhancing features that help them operate buildings, equipment and processes at their top potential;
- Keep pace with new approaches to saving energy and reporting the results of energy conservation measures

### FOR SERVICE PROVIDERS

Consulting engineers, systems integrators and controls service partners can also create a more high-value, long-term relationship with their customers by leveraging the power of the SMA to keep all their work state of the art and compliant with cybersecurity best practice. You can update your projects in a timely manner as software upgrades are always available. You spend less time on back-office tasks like licensing and have more time for high-value activities like diagnosing and fixing operational issues.

### FOR SOLUTION DEVELOPERS

Niagara 4 has attracted the vanguard of developers working in smart buildings and the IoT today. Our development is governed by a clear and consistent versioning system and disciplined user-communications. Developers that follow-through by encouraging customers to opt for a Niagara SMA are better positioned to deliver more value faster and with fewer headaches related to upgrading.

Ask us about the tools available to easily check SMA compliance.

## PRODUCT ROADMAP

# Development Along 5 Key Dimensions

The Niagara Framework® development team is staying on top of technological innovation in building systems, drawing from the latest IT advancements in open-source, mobile and cloud computing as well as cyber-security best practices. The intent is to make building operations engineers and facilities staff more productive and properties operating at their highest levels of performance. Customers with SMA coverage have automatic access to new releases and can immediately start benefiting from new features and functionality.

Here is a sample of features and functionality added in the most recent Niagara 4 releases—many with further development on the near-term roadmap. For a complete list go to <https://www.tridium.com/us/en/Learn/about-us/niagara-timeline>

### CERTIFICATIONS

- BACnet certification
- FIPS-140 2
- RMF accreditations
- Expanded History Character Limitation

### DEPLOYMENT EFFICIENCY

- PKI certificate management as cyber standards evolve
- Most up-to-date templating features for easy software provisioning
- Internationalization support
- Edge tool updates

### ORDERING INFORMATION

New Niagara Framework licences require a minimum initial SMA purchase. After that, SMAs are available in one-, three-, and five-year terms.

### VISUALIZATION, UI/UX & ANALYTICS

#### HTML5 Workbench Application Interfaces

- WebWirehseet and other Manager Views

#### Tagging Improvements & Support

- Project Haystack - Haystack 4
- Brick Schema
- Other ontologies & dictionaries

#### Niagara Analytics Upgrades

- Predictive maintenance capabilities
- Energy monitoring & management analytics

### CONNECTIVITY

#### New Connectors/Drivers

- BACnet/SC
- Cloud Gateway Connectors -CGC- Google Cloud Platform
- HTTP Client Driver\*
- JSON Toolkit\*
- MQTT, OPCUA

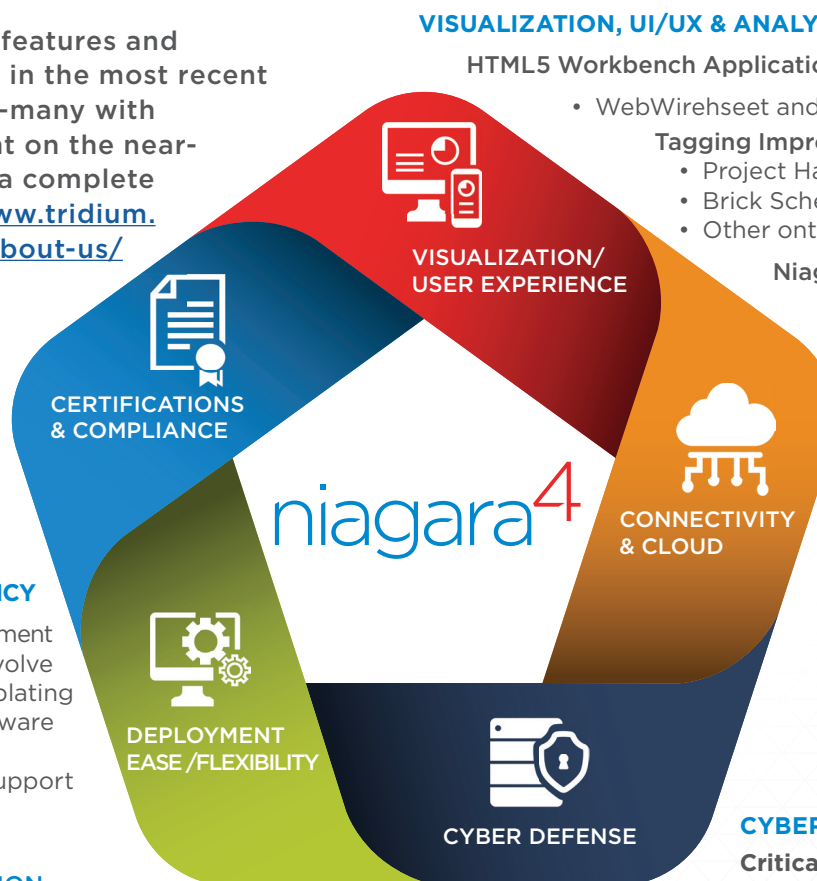
#### Driver Revision Updates

- BACnet
- SNMP, among others

### CYBERSECURITY

#### Critical Updates & Enhancements

- Updates to standards like TLS 1.3
- New encryption keys



\* Cloud connectivity tools and drivers like JSON Toolkit and the HTTP Client Driver require an active Niagara SMA. This is to help safeguard data at the network edge from cyber threats and is another aspect of Tridium's 'Secure by Default' policy regarding all Niagara Framework® offerings.

Contact us today about renewing your SMA!



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2023-0030VK