Powered by
niagara^AX
FRAMEWORK®

Integration.   Interoperability.   Connectivity.

THE INTELLIGENT BUILDING
from Tridium.

TRIDIUM

ONE SOFTWARE PLATFORM.
$n$iagara^{AX}

1. Exterior Systems

With the Niagara^{AX} Framework®, you can manage all of your exterior systems in real time to create a new level of efficiency and cost control across your entire site. This includes automated parking systems, parking lot access gates, outdoor surveillance cameras and security, outside lighting, and landscape systems.

2. Bldg Access/Surveillance/Life Safety

Niagara^{AX} supports integrated real-time management and control over your building access, surveillance, and visitor management systems. You can observe time and attendance of people logged into your facility, supervise credential enrollment, track visitors, control room access, manage fire/life safety systems, and resolve alarms from any web browser, anywhere.

3. HVAC/Mechanical

Managing the systems that manage building comfort and performance has never been easier. All environmental and mechanical systems can be integrated and controlled with complete interoperability so you can monitor multi-system performance, identify and resolve issues, and change operational parameters in real time to respond to shifting climate, occupant, and business dynamics.

4. Gas/Contamination

Niagara^{AX} supports seamless communication with smoke, contamination monitoring, and biological detection devices. With continuous monitoring, you can detect and contain air quality and other problems before they do damage to your business or harm occupants.

5. Elevators

You can interface with elevator systems from any web browser for real-time maintenance and monitoring, and override control in case of emergencies. You'll also have simultaneous access to lighting, fire, environmental, access control, intrusion detection, and visitor management systems so any situation can be handled quickly and with maximum protection of people and property.

6. Interior Lighting

Optimizing your lighting for energy conservation and comfort is easier than ever. Manage your interior lighting schemes – such as holiday lighting, after-hour lighting, and tenant lighting overrides – with point-and-click ease using automated lighting controls. Reduce your utility costs, maximize daylight harvesting, and integrate the perfect lighting for card access, life safety, and HVAC systems.

7. Utility Monitoring

With the intelligent utility management capabilities of Niagara^{AX}, you can manage usage, analyze rates, and reduce costs with unparalleled efficiency across the enterprise. Proactively manage your energy budgets, benchmark facilities, and analyze rates for electricity, water, gas, and other utilities. You can even forecast consumption and costs based on historical usage trends, weather patterns, and cyclical occupant needs.

8. IP Connectivity

With the Niagara^{AX} open framework, all facility systems are converged on an open, interoperable IP network, so any IP-connected device can become a facility operations and management terminal for the entire Intelligent Building. You can remotely monitor and control your entire facility from anywhere at any time while ensuring complete real-time access to your data, voice, video, databases, and enterprise applications.

9. Intelligent Restrooms

Niagara^{AX} works tirelessly to help monitor and manage your entire facility, even the restrooms. You can monitor flush values and water consumption during occupied and non-occupied hours, track re-supply consumables, and monitor maintenance alerts to ensure that every restroom is operating properly.

10. Digital Signage

Using digital signage to broadcast real-time life safety and emergency communications throughout your facility is vital in the protection of occupants and tenants. Niagara^{AX} makes it easy. You can also distribute meeting room schedules, energy/green building awareness, general emergency preparedness, and company/tenant announcements with instant impact and unsurpassed efficiency.

11. Intelligent Kitchens

Niagara^{AX} gives you the ability to monitor the kitchen equipment and systems within your facilities in real time for both safety and hygiene. Monitor ovens, beverage dispensers, refrigerators, and hoods to make sure everything is running smoothly. You can also track energy usage to reduce consumption and lower your utility bills.

12. Central Control

Niagara^{AX} is the cornerstone of a powerful new era in Intelligent Buildings, supporting a complete IP-based information network for real-time management and control across a single facility or multiple facilities. It's the one software platform for total integration, interoperability, and connectivity. With Niagara^{AX}, there's no limit on how intelligent your buildings can be.

A WORLD OF OPPORTUNITY.

MANAGE all of your building automation, energy, security, and operational systems in real time using a standard web browser from anywhere at any time ...

INTEGRATE all of your devices and equipment (regardless of manufacturer or communications protocol) into a unified, interoperable solution that meets the complex challenges of building integration and enterprise connectivity …

TRANSFORM conventional facilities into dynamic, flexible Intelligent Buildings that drive your strategic success with *higher efficiencies, lower costs,* and *greater returns* …
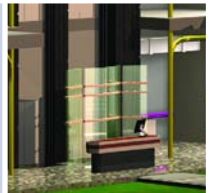
www.tridium.com

About Tridium, Inc.

Tridium, a global software and technology company, is the inventor of the Niagara Framework®, an extensible software framework that is at the vanguard of a new era in Intelligent Buildings. Niagara supports a powerful IP-based information network for complete management and control of your building systems across a facility or multiple facilities – it's the one software platform for total integration, interoperability, and connectivity.

Today, there are more than 87,000 instances of Niagara operating in more than 6,600 installations worldwide. Applications include building automation, energy, security, M2M, telecommunications, lighting control, maintenance repair operations (MRO), service bureaus, industrial automation, convergence retailing, and total facilities management – all realizing improved operational efficiencies, reduced costs, and greater returns.

Tridium is an independent business entity of Honeywell International, Inc.

About Niagara^AX

From office towers and manufacturing plants to airports, hospitals, hotels, and multi-building campuses, Tridium's Niagara Framework is today's software platform of choice for meeting the complex challenges of building integration and enterprise connectivity. Niagara is a complete management and control solution that lets you orchestrate the building automation, energy, and security functions of any facility using a standard web browser. It's a unified software platform that integrates diverse systems and devices – regardless of manufacturer or communications protocol – and connects them to each other, to enterprise systems, and to the Internet in real time.

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Connecting minds and machines