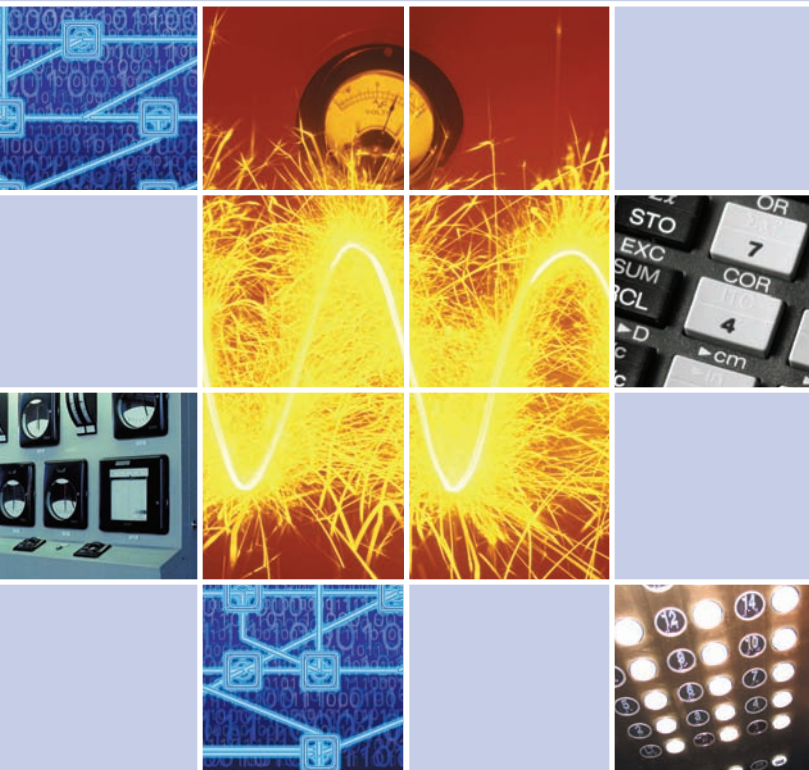


Connect. Unify. Manage. M2M.



The Niagara<sup>AX</sup> software framework from Tridium integrates diverse systems and devices into a unified platform enabling real-time communications with and between machines. It models the data and behavior of devices into normalized software components, providing a seamless, uniform view of device data to users – and to the enterprise – via any web browser.



Build your application on the

Connecting and communicating with all aspects of your enterprise is critical in today's dynamic business environment. Acquiring, controlling, monitoring, and managing data from your operational assets – and your extended enterprise – enables you to create performance efficiencies and reduce operational costs by giving you actionable intelligence to drive decisions that result in greater returns.

**Niagara<sup>AX</sup> delivers the connectivity you need.**

Niagara<sup>AX</sup>, the latest version of Tridium's market-leading Niagara Framework<sup>®</sup>, solves the challenges associated with building Internet-enabled products and M2M applications. Niagara<sup>AX</sup> provides a unified development platform for connecting "smart" devices to each other, to enterprise systems, and to the Internet in real time. This robust, affordable, easy to deploy platform *streamlines the development process, significantly reducing implementation costs and speeding time-to-market.*

Niagara<sup>AX</sup> supports both wired and emerging wireless communications, providing the ability to connect to almost any device imaginable, regardless of manufacturer or communication protocol.

## Proven performance. Tangible ROI.

- One of the nation's leading retailers is deploying M2M solutions using Niagara<sup>AX</sup> in more than 500 locations, extending from energy monitoring to full integration of existing facility automation systems.
- A leading manufacturer of lighting control products uses Niagara<sup>AX</sup> to deploy an "M2M enabled" Internet-based lighting control and management system.
- A national department store chain with 600+ stores is employing an M2M solution built on Niagara<sup>AX</sup>, managing up to 20 pieces of equipment per site.
- A warehouse store giant is utilizing the Niagara Framework in an M2M enterprise monitoring system that manages refrigeration, lighting, and security at 137 locations.



proven M2M platform.

## Real-time M2M communications. Managed from any browser.

**Distributed.** Niagara<sup>AX</sup> supports a fully distributed peer-to-peer architecture which allows applications to be dispersed to multiple computing devices that work cohesively to create one unified system. Niagara<sup>AX</sup> has been designed specifically to support large-scale applications that are implemented across large numbers of devices and multiple sites.

**Scalable.** Niagara<sup>AX</sup> is unique in its ability to scale for use on different platforms. You can deploy the Niagara Framework in low-cost embedded devices designed to be installed in the field at the edge of the network, and use it as the foundation for comprehensive server-side applications. Developers work in the same programming environment – using the same tools, APIs, and components – across the entire “device-to-enterprise stack.” For maximum flexibility at the enterprise level, Niagara<sup>AX</sup> can be used on a variety of hardware/OS platforms.

**Integrated control capability.** The platform's comprehensive control engine can execute applications ranging from local-loop control to system-wide global strategies and sophisticated business logic. This built-in capability allows your applications to execute real-time control, process alarms, convey events, and initiate real-time response across different systems.

**Internet-enabled.** Support for both Internet communications and Web services is inherent throughout Niagara<sup>AX</sup>, not added on. As a result, businesses can quickly develop and deploy Web-enabled monitoring, control,

and service applications with a single toolset.

**Extensible.** Niagara<sup>AX</sup> is highly flexible, enabling users and independent software developers to extend the capabilities of the platform without being dependent on Tridium as the supplier. Open APIs, extensive sample source code, a unique extensible component design, and comprehensive documentation enable developers to create custom applications, communications drivers, plug-ins, and wizards specific to their business/industry. They can even license their own proprietary developments.

## About Tridium, Inc.

Tridium, a global software and technology company, is the inventor of the Niagara Framework, a software framework that integrates diverse systems and devices – regardless of manufacturer or communications protocol – into a unified platform that can be easily managed and controlled in real time over the Internet using a standard web browser. Niagara is an extensible platform that supports the rapid development of a wide range of Internet-enabled products and device-to-enterprise applications. Niagara enjoys usage across a wide variety of market segments. Today, there are more than 50,000 instances of Niagara operating in over 6,000 installations worldwide in applications that include: M2M, convergence retailing, energy management, building automation, telecommunications, security automation, lighting control, maintenance repair operations (MRO), service bureaus, industrial automation, and total facilities management – all realizing improved operational efficiencies, reduced costs, and greater returns.

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



[www.tridium.com](http://www.tridium.com)

Corporate Headquarters:  
Tridium, Inc.  
3951 Westerre Parkway, Suite 350  
Richmond, VA 23233 USA  
1.804.747.4771 Phone  
1.804.747.5204 Fax

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