

Niagara^{AX} Framework[®]

WHY

B U I L D I T

TRiD!UM

WHEN

YOU CAN BUILD ON IT

Everything Else Is Just Software.

THERE'S NO NEED TO SPEND TIME,
RESOURCES AND MONEY BUILDING YOUR
OWN PLATFORM WHEN YOU CAN DEVELOP
ON THE NIAGARA^{AX} FRAMEWORK[®] AND
IMMEDIATELY BUILD ON IT.

A TRUE FOUNDATION

The Niagara^{AX} Framework[®] is a unified development platform that makes it easy to build Internet-enabled products and applications. As a universal, reusable software platform, the Niagara^{AX} Framework[®] develops smart applications, smart devices, and device-to-enterprise solutions on a common platform rapidly and easily.

DEVELOPMENT FRAMEWORK

Niagara^{AX} creates a common environment that connects to almost anything and every communication protocol. Niagara^{AX} includes comprehensive, graphical toolsets that enable non-programmers to build rich applications. Plus, it provides extensive open APIs, allowing developers to extend the platform and create their own unique products and applications.

THE NIAGARA^{AX} FRAMEWORK

- Connects different components, operating systems and applications
- Integrates devices and protocols into unified, smart systems
- Includes device modeling for fast deployment and integration
- Drives connectivity, integration and interoperability
- Simplifies complex distributed applications
- Enables remote programming and provisioning

BUILT-INS TO BUILD ON

The Niagara^{AX} Framework is packed with features and functions that make it easy to build on rather than start from scratch:

DRIVER LIBRARY

A comprehensive set of drivers is included within the Framework.

WEB-ENABLED

Support for Internet communications and Web services is infused throughout Niagara so you can quickly develop and deploy your applications and create a robust user-interface experience.

EMBEDDED CONTROLLERS

Multiple embedded platforms allow for integrated control, supervision, data logging, scheduling and alarming. The controllers offer complete network functions and Web serving capabilities.

SINGLE TOOL

Everything you need to get started is at your fingertips with a single integrated toolset for rapid and easy implementation that reduces development time, allowing you to get to market faster.

FLEXIBILITY IS BUILT IN, TOO

The Niagara^{AX} Framework is portable and customizable, supporting different platforms across a variety of applications. Peer-to-peer capabilities are built in, enabling the exchange of content directly over an IP network for the sharing of demands with systems, but not their resources.

Because the Niagara^{AX} Framework is an open platform and includes extensive sample source code and comprehensive documentation, creating and licensing your own products and solutions is a breeze. It works with any protocol and supports legacy and open standards, in both wired and wireless environments.

DISTRIBUTED ARCHITECTURE

The Framework's architecture allows applications to be dispersed to multiple distributed computing devices that work together as one system, or run applications across large numbers of devices and up to the enterprise level.



TOTAL INTER- OPERABILITY

The Niagara^{AX} Framework's component object modeling makes it possible for diverse systems to work with each other regardless of physical layer or protocol. The Framework takes data elements from the different devices and processes them into normalized software components, ensuring total interoperability.

For more information, go to
<http://tinyurl.com/WhyBuildIt>
or
tridium.com

PROVEN, TESTED, TRUSTED

The Niagara^{AX} Framework is proven, adopted in multiple markets and industries, and deployed in 50 countries — all because its many benefits are so easy to see:

- Reduce project implementation requirements
- Free up your organization from supporting high-cost, time-consuming development functions
- Increase capacity for product innovation
- Build products and applications with unparalleled reliability, security, operational integrity, flexibility, and bottom-line value

The Niagara^{AX} Framework.
Everything Else Is Just Software.



TRIDIUM

Tridium is the global leader in software frameworks, open modular platforms, automation infrastructure technology and device-to-enterprise integration solutions.

Our technologies extend connectivity, integration and interoperability to the millions of devices deployed in the market today and empower manufacturers to develop intelligent equipment systems and smart devices that enable collaboration and communication between the enterprise and edge assets.



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

© 2011 Tridium, Inc.

Information and specifications published here are current as of the date of publication of this document. Tridium, Inc. reserves the right to change or modify specifications without prior notice. The latest product specifications can be found by contacting our corporate headquarters, Richmond, Virginia. Products or features contained herein may be covered by one or more U.S. or foreign patents. Vykon and Niagara Framework are registered trademarks of Tridium, Inc.