

MODULE 0: HOW TO USE THIS CBT COURSE

TOPIC 0.4, MODULE DESCRIPTIONS

What's In It?

So what will I be studying?
What's in this CBT anyway?

**Let's peel back the layers
a bit and see what's inside!**

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QUICK-LOOK

Course Makeup

CLICK ON ANY MODULE TO FIND OUT MORE.

- Module 1: Industry Overview
- Module 2: Niagara System Overview
- Module 3: Niagara System Advantages
- Module 4: Key Features & Building Blocks
- Module 5: Platforms & Stations
- Module 6: Platforms Tools
- Module 7: Workbench GUI

ADVANCE WHEN COMPLETED

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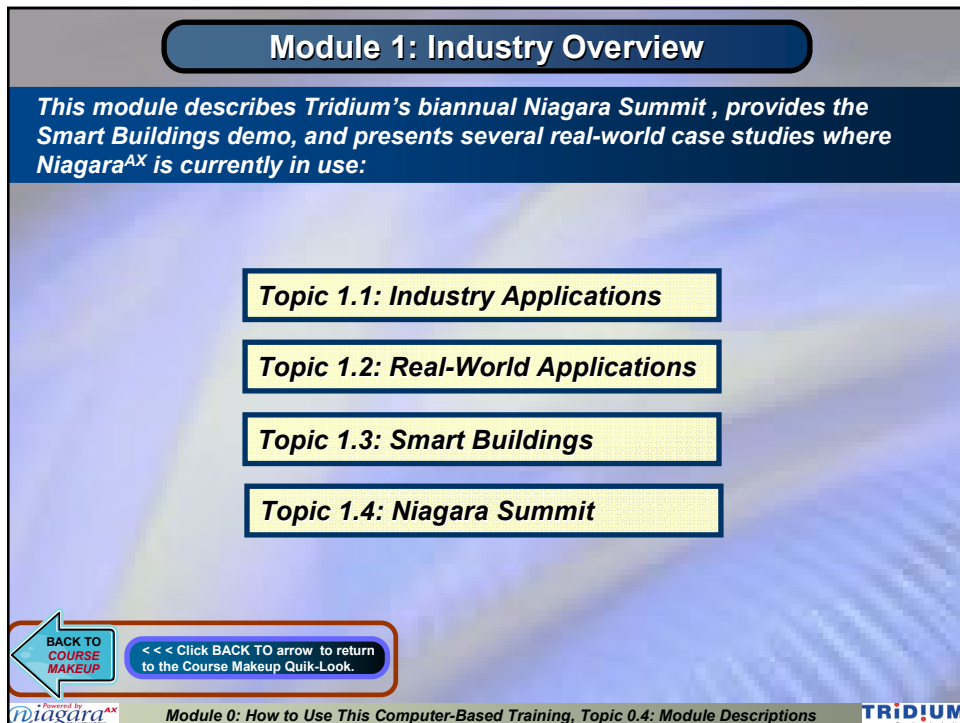
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TRIDIUM



Module 1: Industry Overview

This module describes Tridium's biannual Niagara Summit, provides the Smart Buildings demo, and presents several real-world case studies where Niagara^{AX} is currently in use:

- Topic 1.1: Industry Applications
- Topic 1.2: Real-World Applications
- Topic 1.3: Smart Buildings
- Topic 1.4: Niagara Summit

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TRIDIUM

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Module 2: Niagara System Overview



This module describes how the Niagara Framework connects dissimilar smart devices and allows them to communicate, and how that framework solves this communication challenge through a concept called “normalization.”

Topic 2.1: Niagara Framework

Topic 2.2: Normalization

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Module 3: Niagara System Advantages

This module describes the advantages of the Niagara framework that result directly from a variety of design attributes:

Topic 3.1: Modularity

Topic 3.2: Extensibility


Topic 3.3: Flexibility

Topic 3.4: Scalability



Topic 3.5: Reusability

Topic 3.6: Connectivity

Topic 3.7: Efficiency

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Module 4: Key Features & Building Blocks

This module describes the key features and building blocks of the Niagara Framework. Key features include:


- the Workbench
- Presentation XML
- Object Resolution Descriptors (ORDs)


The essential building blocks of the Niagara Framework include:



- Modules
- Components
- Views
- Drivers
- Stations
- Platforms
- .bog Files
- Palettes

Topic 4.1: Key Features

Topic 4.2: Building Blocks

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Module 5: Platforms & Stations

This module describes the differences between platforms and stations, platform and station connections, creating stations, and using the Workbench help system.

Topic 5.1: Platforms vs. Stations

Topic 5.2: The Platform Daemon

Topic 5.3: Connections: Platform vs. Station


Topic 5.4: Establishing a Platform Connection


Topic 5.5: Establishing a Station Connection



Topic 5.6: The Demo Station

Topic 5.7: Creating a New Station

Topic 5.8: Workbench Help Database

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Module 6: Platforms Tools

This module describes the various platform services (not requiring a platform connection) and tools (requiring a platform connection) needed for installation and configuration, and how to place a new JACE into service using a tool called the "Commissioning Wizard."



Topic 6.1: Platform Services

Topic 6.2: Platform Tools Overview

Topic 6.3: Commissioning a JACE

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Module 7: Workbench GUI

This module describes the Workbench graphical user interface (GUI) and its various parts, and how to get around the Workbench efficiently.

Topic 7.1: Window Controls

Topic 7.2: Sidebars


Topic 7.3: View Pane

Topic 7.4: Niagara Console


Topic 7.5: Menu Bar

Topic 7.6: Tool Bar

Topic 7.7: Locator Bar

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