

VT4002 EC-Net 4 Technical Certification Program

The LIVE VT6002 EC-Net 4 Technical Certification Course will be presented by a LIVE trainer and can be taken from the comfort from your own home/space. This training will allow the trainer to present our integrated BMS solutions and software via an interactive online environment. Expect to dedicate a full week towards learning and interacting live with our solutions with a class size of 8 to 10 students. The final practical certification exam will be issued and proctored the Monday following the week of training.



Example Day:

8 am	10:30 am	Trainer	is interactive with presentations and performing demos, Q&A
10:30 am	12 noon	Student	is performing a lab(s) with support from your trainer if needed
12pm	1pm	-	Lunch
1 pm	4 pm	Trainer	is interactive with presentations and performing demos, Q&A
4 pm	5:30 pm	Student	is performing a lab(s) with support from your trainer if needed

The VT4002 is a 6-day interactive training. Each day will consist of approximately a 3.5 hours x 2 (AM/PM) session with your trainer followed by a lab with the support of your trainer and technical support (as needed) present in the session. Students are expected to be working with hands-on labs after each AM/PM instructor-led session. All students will have access to products remotely!

Pre-Requisites:

- Laptop with EC-Net 4, EC-gfxProgram, xPressNetwork Utility, Support Pack and Productivity Enhancing Tools installed
- Administrative privileges on laptop and understanding of laptop configuration tools and peripherals
- Completion of e401 eLearning modules
- Completion of Labs 1 and 2
- You are confirmed into this course

Your Space/Office:

- Prepare your surroundings for virtual trainings: quiet area, coffee machine, tablet or paper/pen, etc.
- Minimal disruptions during presentations
- Reliable internet with recommended upload/download speeds of at least 10mbps
- Access to peripherals (Camera/Mic) for video conferencing
- The understanding of these connections and peripherals

Connecting People with
Intelligent Building Solutions

www.distech-controls.com

Distech Controls Inc.

4205 place de Java Brossard, Quebec, J4Y 0C4, Canada

T. +1 450 444 9898 / Toll-Free: +1 800 404 0043

F. +1 450 444 0770

Course Outline:

Day/Time	Topic / Lab	Equipment Used
- 1 WEEK (PRE-COURSE)		
5 - 8 hours	<ul style="list-style-type: none"> eLearning modules – Integrating With Niagara Labs 1 and 2 	Local host PC
MONDAY – DAY 1		
AM	<ul style="list-style-type: none"> Niagara Fundamental review N4 / GFX file locations Creating a New Station/Station Template 	Local host PC EC-gfxProgram Emulator
PM	<ul style="list-style-type: none"> Exploring Niagara Points & Logic Importing a Project into EC-gfxProgram 	Local host PC EC-gfxProgram Emulator
TUESDAY – DAY 2		
AM	<ul style="list-style-type: none"> BcpBacnetNetwork configuration BACnet IP devices (ECY) Proxy Points 	Local host PC ECY-S1000E
PM	<ul style="list-style-type: none"> Totalizers & Compositing Marker & Value Tags Tag Dictionaries / Tag Rules 	Local host PC ECY-S1000E
WEDNESDAY – DAY 3		
AM	<ul style="list-style-type: none"> NEQL queries Discovering/matching BACnet devices BACnet MSTP Deploying Device Templates 	Local host PC ECY-S1000E, ECB-VAV
PM	<ul style="list-style-type: none"> Scheduling Generating Alarms Collecting Trend data 	Local host PC ECY-S1000E
THURSDAY – DAY 4		
AM	<ul style="list-style-type: none"> Collecting Trend data (cont'd) Px graphics, Px includes 	Local host PC ECY-S1000E, ECB-VAV
PM	<ul style="list-style-type: none"> Px dashboards Customizing the Workbench Migration (AX-to-N4) Commissioning the EC-BOS Security Categories 	Local host PC ECY-S1000E EC-BOS 8
FRIDAY – DAY 5		
AM	<ul style="list-style-type: none"> Authentication settings User Roles & Accounts Connecting to a Site Supervisor via Niagara Network 	Local host PC ECY-S1000E EC-BOS 8
PM	<ul style="list-style-type: none"> Sending data across the Niagara Network Relations Building navigational Hierarchies Creating Nav files 	Local host PC ECY-S1000E EC-BOS 8
MONDAY – DAY 6		
AM/PM	Final Practical Certification Exam	EC-BOS 8 ECY-S1000E, ECB-VAV
+ 1 WEEK (POST-COURSE)		
2 hours	Online Knowledge Exam (Multiple Choice)	PC

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