

Introduction

The new 7001 course has been developed for controls integrators and project managers that are interested in Access Control and CCTV integration within the EC-Net4 software and EC-BOS8 platform. This course requires the user to be familiar with EC-Net4 tools and is a pre-requisite to this course. The training ensures that the participants complete the course with a full understanding of the solution, as well as the ability to integrate Access Control, CCTV, HVAC and lighting controls.

Information

Training period	<ul style="list-style-type: none">• 3.5 days - 8am to 5pm and till noon on the last day
Pre-requisites	<ul style="list-style-type: none">• EC-NET4 or Niagara certification• Access Control & CCTV installation
Assets	<ul style="list-style-type: none">• Niagara framework

Audience

- Network / System integrators
- Project managers
- Application Engineers

Objectives

Participants will be:

- Defining architecture of access and security systems
- Using Distech Controls EC-Net4 Access Appliance
- Experiencing the configuration of Access and Security systems
- Integrating building automation controllers
- Learning time saving features
- Troubleshooting and Maintenance

Course Outline

Overview

- Access Control Industry Overview
- EC-Net4 Access Overview

EC-BOS8 Access Hardware

- Setup
- Reader Modules
- Inputs and Outputs
- Readers and strikes
- Request to exit (REX) options



EC-Net4 Access Appliance

- Introduction
- Configuring Readers
- Configuring Doors
- Configuring Inputs and Outputs



Access Configuration

- Schedules
- Users
- Personnel
- Access rights
- Badges

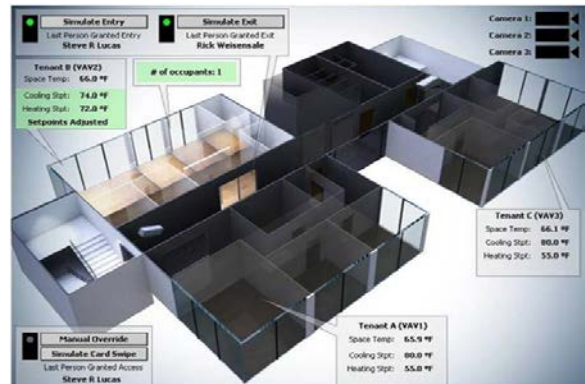
Extending the System

- Remote Reader module
- Clock-in – Clock-out
- Reconfigure a reader
- Importing personnel information
- Reusing access cards
- Remote I/O module (RIO)
- Elevator control



EC-Net4 Access Supervisor

- Setting up EC-Net4 Access Supervisor
- Setting up MySQL Database
- Setting up MySQL Workbench
- Setting up MySQL Java Connector
- Configuring the RDBMS
- Configuring the Orion Database
- Joining the EC-BOS8 to EC-Net4 Supervisor
- User administration and maintenance



Graphics and Reports

- Creating graphics in EC-Net4 Access
- Widgets
- Adding Menu's
- Reporting

Maintenance

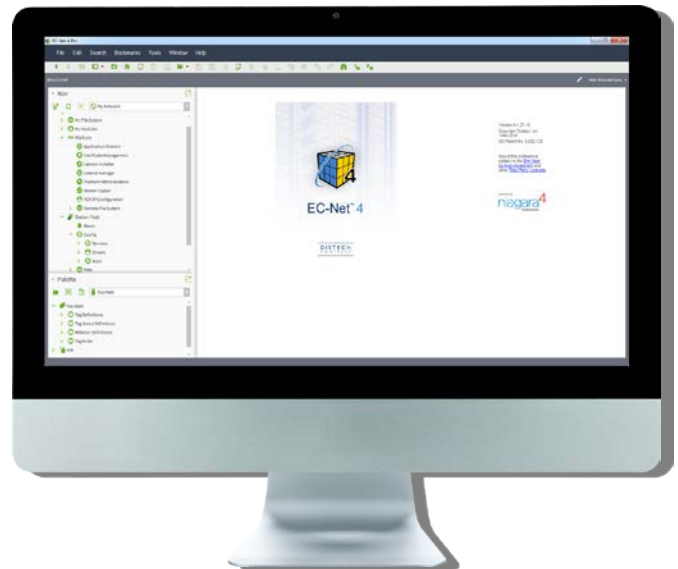
- Copy a station
- Backup an EC-BOS8
- Backup MySQL Database

Troubleshooting

- Controller GUI functions
- Server GUI functions
- Upgrade tools
- Importing personnel data
- Reusing existing access cards

Certification

- Exam preparation
- Exam



Building HVAC Integration

- EC-Net4 Access
- People, doors and readers
- Creating graphics



Video Integration

- Architecture
- CCTV offers and possibilities
- Hardware and software requirements
- Camera types and networks
- NVR, PoE
- Alarm console playback
- Px views and camera controls
- Video surveillance integration (automation)



DISCLAIMER

This training is intended to provide technical information on a particular subject or subjects and is not an exhaustive treatment of such subjects. Accordingly, the information in this training is not intended to constitute application, design, software or other professional engineering advice or services.

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