



Course description

This one day course provides students with the knowledge and skills needed to install, configure and use the Milestone XProtect® Enterprise, XProtect® Professional, XProtect® Express, and XProtect® Essential.

Presentations and hands-on exercises lead students through all aspects of the solutions needed to become certified in the products.

The course duration is one full working day, typically 9 am to 5 pm. The total seat time is seven hours. Coffee and other refreshments will usually be available during the day, and with most classes lunch is provided. Please check with the course provider for details.

At the end of the day a certification test is given. The passing criteria are 75% correct answers.

Target audience

The target audience for the Milestone Professional Certification is IT Professionals, IT Consultants, Product Managers, installation technicians, and technical sales individuals.

Practical technical experience with surveillance cameras, IP networks, routers and switches, and Microsoft Windows is highly recommended.

Prerequisites

It is highly recommended that participants have practical technical experience with surveillance cameras, IP networks, routers and switches, as well as Microsoft® Windows® servers and workstations.

Technical equipment

To maximize the learning experience, the necessary technical equipment may be provided by the training provider for use during the class. For other classes the student is required to bring specific equipment to the class. Please check with the course provider for details for your desired class.

Documentation, certificates, and credits

Course documentation is provided for the class for each student to keep.

After passing the test a diploma is mailed or emailed as proof of certification. The Milestone Professional Certification is valid for two years.

For BICSI credential holders, BICSI recognizes the Milestone Professional Certification training for seven Continuing Education Credits (CECs).



The Open Platform Company

Milestone Knowledge Program

Professional Certification Agenda



Agenda

Introduction

- Agenda
- Introductions
- MyMilestone ^(H)
- Milestone fundamentals ^(H)
- Calculate storage and bandwidth ^(H)

Products

- Product overview
- XProtect VMS comparison summary

XProtect® Smart Client

- Overview
- Compatibility
- Download and installation
- Login ^(H)
- Working with the XProtect Smart Client
- Live viewing options ^(H)
- Camera List ^(H)
- Pan-tilt-zoom (PTZ) and Panomorph lens support ^(H)
- Overlay buttons
- Maps ^(H)
- Independent playback ^(H)
- Sequence Explorer ^(H)
- Playback time navigation ^(H)
- Exporting evidence ^(H)
- Storyboarding ^(H)
- XProtect® Smart Client – Player ^(H)

XProtect® Web Client

- Introduction and functionality ^(H)

Milestone Mobile client

- Introduction and functionality ^(H)



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XProtect® Professional

- Key features
- Architecture overview
- Deployment topologies
- License overview
- Software Upgrade Plan
- Installation
- System requirements
- Upgrading
- System overview and configuration
- Export and import configuration
- Managing licenses
- Online and offline activation
- Device types
- First time use wizard ^(H)
- Add hardware ^(H)
- Replace hardware
- Video properties ^(H)
- Image size and frame rate
- Adjust motion detection ^(H)
- Recording database
- Archive database
- Network archiving
- Recording and archive path ^(H)
- Archive scheduling ^(H)
- Add new user wizard ^(H)
- User and access summary
- Master and slave servers ^(H)

Milestone Mobile server

Customer Dashboard

Round up

- Online resources
- MyMilestone
- Milestone presales support
- Milestone technical support
- Getting certified
- When certified
- Re-certification options
- Certification and training opportunities

Class review and survey

Milestone Professional Certification Test

^(H) Indicates hands-on exercises are part of this module.



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BICSI Continuing Education Credits

BICSI members participating in the Continual Education Credits (CEC) program are eligible for seven CECs after completing the Milestone Professional Certification.

To get the BICSI credits, the participant must submit a copy of the diploma, sent by mail or email by Milestone after completion of the certification, to BICSI (credentialing@bicsi.org) who will handle the credit process.

The certificate can either be submitted as soon as it is received, or it can be submitted along with other diplomas and material for crediting when the BICSI registration is renewed. BICSI recommends that it be submitted as early as possible, as most BICSI credentials expire December 31st in any given year, and the Credentialing Department is very busy at that time.

Because the Milestone Professional Certification is approved as an Industry Training by BICSI, who has evaluated the material and assigned a fixed number of CECs to it, the BICSI member does not have to send in any supporting documentation, a copy of the diploma is sufficient.

Again, the diploma must be submitted to credentialing@bicsi.org.

Read more about the BICSI credentialing and renewal procedures on the BICSI website www.bicsi.org, and in the credentials renewal form published on the BICSI website on https://www.bicsi.org/uploadedFiles/PDFs/Applications/New_Renewal_App_high.pdf.

Questions to BICSI and the credentials procedure that have not been answered in this document should be directed to BICSI's Credentialing Department at: credentialing@bicsi.org.



Attendee equipment requirements

Attendees in the Milestone Professional Certification are required to bring a laptop to class for use for the hands-on exercises. All other equipment will be supplied by the course provider.

Your laptop must meet the minimum requirements specified below.

Minimum system requirements for attendee laptops

Please check ✓

64-bit Windows Operating System (32-bit versions are not supported)

- Windows Vista (Business, Enterprise, Ultimate)
- Windows 7 (Professional, Enterprise, Ultimate)
- Windows 8 (Pro, Enterprise)

Intel® Core 2™ Duo (or comparable processor), minimum 2.4 GHz or higher

Minimum 2 GB RAM

Minimum 8 GB free hard disk space

Required software

- Microsoft .Net 4.5.1 or newer
 - Click [here](#) to download .NET Framework 4.5.1
- DirectX 9.0 or newer
 - To check which DirectX version is installed on a computer, click **Start**, select **Run...** and type **dxdiag**. When you click **OK**, the **DirectX Diagnostic Tool** window opens. Version information is displayed near the bottom of its **System** tab.
 - Latest version available from <http://www.microsoft.com/en-us/download/>

User rights access

- You must be able to install new programs on the machine
- You must be able to change network settings
- You must be able to change firewall settings

It is highly recommended you bring an external mouse