



LARGE-SCALE CCTV SURVEILLANCE WITH FIBER OPTIC AND WIRELESS POINT TO POINT BACKBONE HANDS-ON TRAINING

Course

Description

This comprehensive training program is designed to equip participants with the knowledge and skills needed to plan, install, and maintain large-scale CCTV systems utilizing fiber optic and wireless point-to-point (P2P) backbones. Participants will learn about the principles of CCTV technology, fiber optic infrastructure, wireless P2P networking, and hands-on installation techniques through a combination of theoretical lectures, live demonstrations, and practical exercises.

A Comprehensive two (2) day hands-on training for CCTV Installers/Contractors!

Conducted by a certified CCTV Installer and Instructor!

Full packed with essential topics in both IP CCTV cameras, including fiber optic and wireless point to point connections

Get after training professional support!

ITLLECTUAL MANILA

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Course Objectives:

Upon completion of this training, participants will be able to:

- ✓ Understand the fundamentals of CCTV technology and its applications in large-scale surveillance systems.
- ✓ Gain proficiency in designing and implementing fiber optic infrastructure for CCTV installations.
- ✓ Learn about wireless point-to-point (P2P) networking principles and their relevance to CCTV systems.
- ✓ Develop skills in configuring and troubleshooting wireless P2P connections for CCTV deployment.
- ✓ Acquire hands-on experience in installing and configuring CCTV cameras, fiber optic cables, and wireless P2P devices.
- ✓ Learn best practices for maintaining and optimizing large-scale CCTV installations for maximum efficiency and reliability.

Course Outline:

Upon completion of this training, participants will be able to:

Day 1:

Session 1: Introduction to CCTV & Network Technology

- Overview of CCTV systems
- Types of CCTV cameras and components
- Applications of CCTV in large-scale installations

Session 2: Networking Technology and IP Addressing

- Overview of Networking Technology
- Understanding IPV4 IP addressing
- Understanding Wireless Networks and Line of Sights

Session 3: Fiber Optic Infrastructure for CCTV

- Basics of fiber optic technology
- Design considerations for CCTV fiber optic networks
- Installation and termination of fiber optic cables

Session 4: Practical Installation Exercise

- Hands-on activity: Installing CCTV cameras and fiber optic backbone
- Testing and troubleshooting fiber optic connections

Course Outline, continued:

Day 2:

Session 5: Wireless Point-to-Point (P2P) Networking

- Introduction to wireless P2P technology.
- Planning and configuring P2P links for CCTV installations
- Hands-on demonstration of wireless P2P setup

Session 6: Wireless P2P Configuration and Optimization

- Configuring wireless P2P devices for CCTV applications
- Troubleshooting common issues in P2P connections
- Optimizing wireless P2P performance for CCTV systems

Session 7: Advanced CCTV Installation Techniques

- Integrating CCTV cameras with wireless P2P backbone
- Cable management and system organization
- Security considerations in large-scale CCTV deployments

Session 8: Practical Installation Exercise

- Hands-on activity: Configuring and aligning wireless P2P links
- Viewing CCTV Cameras from remote sites
- Final testing and optimization of CCTV system

Session 9: Review and Q&A

- Recap of key concepts and techniques covered
- Open forum for questions and discussion
- Course evaluation and feedback

Target Audience:

This training is suitable for CCTV technicians, security system installers, IT professionals, facility managers, and individuals interested in pursuing a career in CCTV installation and maintenance.

Prerequisites:

Basic knowledge of networking concepts and basic installation of CCTV components is **recommended**.

Duration:

2-Days | 14-hours (Customizable based on specific training needs)

Delivery Method:

Instructor-led training with a combination of lectures, case studies, group discussions, actual demonstration, and hands-on exercises.

Certification:

Upon successful completion of the training program and assessment, participants will receive a Certificate of Completion in Large-Scale CCTV Surveillance with Fiber Optic and Wireless Point to Point Backbone Training.

Training Investment:

Per head Investment – Php13,440.00 (VAT-Inc)

Exclusive/Group Training – Php 134,400.00 (VAT-Inc), maximum of 10 participants

Outside Manila or Provincial Training – Subject to verification and customized costing.

Securing the training slot:

Upon settling the training investment, send the proof of payment, full name, mobile number, and email address to itllectualmanila@gmail.com.

Where to pay:

Bank Name: LANDBANK OF THE PHILIPPINES

Account Name: ITELLEQQ TRAINING AND CONSULTANCY

Account Number: 5462-0024-42

Bank Name: BANCO DE ORO

Account Name: VANESA CEZAR

Account Number: 001100-205134

GCASH

Account Name: VANESA CEZAR

Gcash Number: 09154655700

Other concerns? Contact our Hotline:

0915-4885708 | 0919-5168888 | itllectualmanila@gmail.com

*"Anyone who stops learning is old, whether 20 or 80, anyone who keeps learning stays young.
The greatest thing in life is to keep your mind young."*

– Henry Ford
