

Network Video Fundamentals

Axis Communications' Academy

Agenda

Day 1

- 09:30 – 09:45 **Welcome**
> Agenda, working with Axis, scope of the training, and presentation of participants
- 09:45 – 10:15 **Network Video Surveillance Systems**
> Network Video components, advantages of network video
- 10:15 – 10:45 **Axis Naming Convention**
> How Axis name its camera, briefing on product features
> Labs – Initial Camera Setup
- 10:45 – 12:00 **Optical Basics**
> How does a camera work?
> Basic optics
> White balance
> Labs – Optics
- 12:00 – 13:00 *Lunch*
- 13:00 – 15:00 **Image Usability**
> What are the parameters that contribute to image usability?
> Lab: Image Usability
- 15:00 – 15:15 *Break*
- 15:15 – 16:30 **Bandwidth**
> Factors affect bandwidth, different approaches to compression, Zip stream
> Labs - bandwidth
- 16:30 – 17:00 **Maintenance & Support**
> The maintenance options Axis products provide, warranty

Day 2

- 09:30 – 11:00 **Edge**
> Axis Camera Application Platform, edge concept, benefits of ACAP brings
> Labs
- 11:00 – 12:00 **Utilizing I/O**
> Possibilities of I/O integration
> Different states of a port
> Labs
- 12:00 – 13:00 *Lunch*
- 13:00 – 15:00 **VMS VAPIX ONVIF**
> Why video is not intelligent
> What are events? How to use the I/O ports.
> ACAP
> Cross camera management
> Labs
- 15:00 – 15:15 *Break*
- 15:15 – 16:00 **Challenges**
> Different challenges in video surveillance, Axis capabilities
> Labs
- 16:00 – 16:15 **Wrap up & Survey**
- 16:15 – 17:00 **Quiz**