

Network Video Fundamentals

Axis Communications' Academy

Agenda

- 09:30 – 09:45 **Welcome and introduction**
> Housekeeping, agenda, scope of the training and knowing each other
- 09:45 – 10:00 **Axis naming convention**
> Camera families - differentiating attributes and features
- 10:00 – 10:30 **Basic camera installation**
Lab - Basic camera setup, set up IP address, camera GUI
- 10:30 – 10:45 **Break**
- 10:45 – 12:00 **Image usability**
> How does a camera work? What are the parameters that contribute to image usability? Camera placement
Lab – Focal length and focus, white balance, pixel density & counter, motion blur
- 12:00 – 13:00 **Lunch**
- 13:00 – 15:00 **Optimizing bit rate**
> What factors affect the bit rate?
Lab – Gain, compression, Axis Zipstream
- 15:00 – 15:15 **Break**
- 15:15 – 15:45 **Maintenance and support**
> Basic troubleshooting skills and Axis technical support
- 15:45 – 16:30 **I/O and VAPIX[®]**
> Events configuration and how to use I/O ports, camera collaboration with VAPIX
Lab – VMD4, configuring I/O, events and cross camera collaboration
- 16:30 – 17:00 **Challenging conditions**
> Introduction of latest Axis technologies to support difficult scenes
- 17:00 – 17:30 **Q&A**
> Evaluation and NVF quiz. Wrap up