

## DAS CERTIFICATE TRAINING

### Who is this training for?

- DAS installers - *certification*
- System integrators - *certification*
- RF Engineers
- Avari® Wireless technical customers

### Why do this training?

- DAS Certification training is required as part of NFPA compliance

### Training Learning Objectives

- Introduction to Avari® Wireless and Digital DAS for ERCES applications
- Understand the Avari® VL™ Series RF distribution products and solution
- Design using the Avari® VL™ Series iBwave components
- Learn how to install the Avari® VL™ Series equipment and digital remotes including mounting and cabling
- Understand the commissioning process using the web application
- Understand system operations and maintenance
- Understand NFPA alarm connections and monitoring
- Learn the principles of headend redundancy and fail-over operation

## LESSONS

- Lesson 1: About Avari® Wireless and VL-Series Products
- Lesson 2: iBwave Design using the VL-Series
- Lesson 3: Installation Requirements
- Lesson 4: VL-DMU™ and VL-DU™ Installation
- Lesson 5: VL-DMU™ Cabling
- Lesson 6: VL-AMU™ and VL-RU™ Chassis Installation
- Lesson 7: RF and Ethernet Cabling for Remote Radio Units
- Lesson 8: Connecting Optical Fiber
- Lesson 9: VL-EM™ Installation
- Lesson 10: System Startup and Verification
- Lesson 11: Web Application Introduction
- Lesson 12: Commissioning
- Lesson 13: System Gain Configuration
- Lesson 14: Operations and Maintenance
- Lesson 15: NFPA System Monitoring
- Lesson 16: Head-End Redundancy and Failover

---

#### CANADA HQ

8618 COMMERCE COURT  
BURNABY BC, V5A 4N6  
CANADA

#### UNITED STATES HQ

1400 112TH AVE SE, STE 100  
BELLEVUE, WA 98004  
USA

#### UNITED KINGDOM HQ

40 CAVERSHAM ROAD  
READING, BERKSHIRE RG1 7EB  
UK

#### CONTACT

+1 (833) 502-2144  
INFO@AVARIWIRELESS.COM  
WWW.AVARIWIRELESS.COM