	300 Series Webinar Training Information

Introduction:

The purpose of this document is to provide a basic guideline for the structure, format, and schedule of the Fiber SenSys Basic Fiber Defender 300 Series Webinar Training Course. This training course covers everything from fiber optic basics to complete system installation for 300 Series Alarm Processing Units (APUs). Upon completion of the class, the instructor will provide attendees with certification credentials. Additionally, Fiber SenSys can custom tailor a class to your company's specific training needs.

Objective:

The objective of the Basic Fiber Defender Training Course is to provide information, including determining the best product solution for specific applications, installation, and maintenance of Fiber SenSys 300 Series products.

Course Material and Agenda:

Course material is subject to change based on location of training, requests of class attendees, and instructor.

1. Introduction
    a. Fiber safety and advantages
    b. Fiber optic basics
    c. Theory of operation
    d. Fiber Defender product introduction
        i. 300 Series alarm processors
        ii. Supporting products (accessories)
2. Site Design
    a. Project planning and execution
        i. Feasibility study
        ii. Choosing an APU
3. System Installation
    a. Sensor installation
    b. Backbone installation

4. Fiber Optic Connections
    a. Connectors
    b. Arc fusion splice

5. Tuning Process and Parameters
    a. Physical tuning process

  b. Signal processing and parameters

    i. Signal conditioning

    ii. Event qualification

    iii. Alarm qualification

  c. Calibration sequence

    i. What do I adjust first?

6. Tuning and Calibration Software

  a. SpectraView™

  b. AutoTune™

7. Network Connections

  a. XML and SDK

  b. Fiber Commander™

8. Maintenance

9. Conclusion

Time:

Expected completion time is approximately 8 hours. The course can be broken into multiple sessions as needed. The course begins at a time set by the customer(s). Expected time of completion may vary depending on attendee questions and participation.

Location:

The webinar training course will take place on a GoToMeeting session. An email invite will be sent to all attendees one week prior to the webinar.

Requirements:

Laptop with Windows 7, 8, or 10.
Fiber SenSys 300 Series Webinar Training Kit P/N: 982-44404 with appropriate Alarm Processor.