

Fiber Optic Sensor Testing Organization



Overview

The Fiber Optic Sensing Association (FOSA) is a that promotes technology. It was founded in April 2017 in and has a membership of 21 companies and universities. The Fiber Optic Sensing Association was founded on April 24, 2017. It had nearly a dozen founding member companies representing an "eclectic" group, including and, across the,, the, and. The agenda for the first meeting of FOSA focused on promoting fiber-optic sensing technology through infrastructure priorities including and implementation into larger construction projects. FOSA is affiliated with the Fiber Broadband Association (FBA), which promotes fiber-optic networking technology. Its current Chairman is Paul Dickinson of Dura-Line. Previous Chairmen include Dave Cunningham of Network Integrity Solutions, Mike Hines of OFS, and Kent Wardley of Fotech Solutions. A December 2017 study from FOSA found that had the most distributed fiber-optic sensing installations in the world, followed by, the United States, and. In August 2018, the organization launched a report advocating the use of fiber-optic sensing technology in railways to improve security. It has also supported implementation of fiber-optic sensing technology in the pipeline industry to monitor leaks, tampering, and hazardous conditions. FOSA supported the Smart Cities and Communities Act, introduced by Representatives and. The bill would provide \$1.1 billion to expand the use of technology. It also supported "dig once" policies. Along with other industry associations, FOSA supported the Community Broadband Act, which would eliminate state laws that restrict the ability of local government to create broadband networks, introduced by Representative and Senator. As of March 2024, FOSA claims 21 members: • • • • Dura-Line Corporation • • FBGS Technologies GmbH • FEBUS Optics • Hifi Engineering • Institute of Engineering Geodesy and Measurement Systems, • Luna Innovations (LIOS, OptaSense, Silixa) • • Network Integrity Systems • • OZ Optics • • Samm Teknoloji • • Smartpipe Technologies • Underline • • .

Article Content

About Us

FOSA membership is open to organizations which manufacture, install, test, evaluate, support or use fiber optic sensing systems and equipment.

Fiber Optics Sensors Standards Report

Standards for fiber optic sensors must encompass details related to the respective physical sensor functionality, sensor response for different measurands such as strain, temperature, or other ...

Fiber Optics Sensing Association

Fiber Optics Sensing Association FOSA is a non-profit industry association formed in 2017 in Washington D.C to promote Distributed Fiber Optic Sensing (DFOS) across many markets

Fiber Optical Testing Solutions for Enterprise Networks

Our offerings enable businesses to test, monitor, and optimize their fiber optic networks with precision and confidence. By integrating smart hardware with intelligent software, we help organizations ...

What Is The Fiber Optic Association?

What is The FOA? The FOA is an international non-profit educational association chartered to promote professionalism in fiber optics through education, certification and standards. FOA is the most widely ...

Fiber Optic Sensing Association (FOSA)

The World's Premier Trade Association Representing Fiber Optic Sensing Technology
The Fiber Optic Sensing Association (FOSA) is dedicated to accelerating the use of distributed and quasi-distributed ...

Home -The Fiber Optic Association

The Fiber Optic Association Inc. (FOA) is the international professional association of fiber optics. FOA is chartered to promote fiber optics through education, certification and standards.

Introduction to Fiber Optic Sensing

Through webinars, videos, white papers, public presentations and public policy advocacy, the organization provides information on the use of fiber optic sensing to secure critical facilities, ...

Fiber Optic Sensing Association

The Fiber Optic Sensing Association (FOSA) is a nonprofit industry association that promotes fiber-optic sensing technology. It was founded in April 2017 in Washington, D.C. and has a membership of 21 ...

Contact Us

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