Artificial Intelligence AND FIBER OPTIC INTRUSION DETECTION

In a forward-looking presentation to be held at ISC West, FFT’s Vice President, Research & Development Dr Jim Katsifolis will explain how Artificial Intelligence (AI) is being used to enhance the performance of the next generation of fiber optic intrusion detection systems.

The success of any perimeter intrusion detection system depends on a combination of often competing factors including detection sensitivity, environmental nuisances, fence/soil type, and sensing cable configuration. While fiber optic sensing technologies provide extremely high detection sensitivities over long distances, these distances also make them susceptible to unwanted environmental nuisances that can render a system ineffective. Today, Artificial Intelligence (AI) is enhancing the performance of next generation fiber optic intrusion detection systems.

During the presentation, Dr Jim Katsifolis will:

• dispel commonly held myths and illustrate the application of current state-of-the-art fiber optic perimeter intrusion detection solutions - drawing on real-life examples to explore the trade-off between detection sensitivity and nuisance alarms,
• illustrate the critical role that AI algorithms play in overcoming the challenge of nuisance alarms while maintaining an acceptable sensitivity to intrusions.

DETAILS

Where: ISC West – Las Vegas, NV - Sands Expo, Marco Polo Room 801
When: Thursday April 6 at 1:30 PM or 3:30 PM
RSVP: Strongly encouraged as seating will be limited.
Email: info.americas@fftsecurity.com

Dr. Jim Katsifolis is an experienced R&D leader and manager with more than 20 years’ experience in photonics and fibre optic technologies. Having joined FFT in 2004, he has been instrumental in the development, commercialization and patenting of FFT’s leading technologies. Prior to joining FFT, Jim was Development Team Leader at VPlsystems Inc., and Associate Lecturer in the Dept Electronic Engineering at La Trobe University. His specialist experience includes managing product lifecycles from research to in-market success, and building and managing a complex patent portfolio.