

Please join us at :

**13 September 2017 @ 1.15PM**  
**Product Highlight Theatre, Hall B**  
**Oil & Gas Indonesia 2017**  
**Jakarta International Expo, Kemayoran**

**We know what it takes . . .**



## 2017-2018 Gas Detection Seminars

### **A method to improve the likelihood and speed of detecting dangerous natural gas releases for fast gas detection alarming.**

Deciding detector placements for good detection coverage that will ensure fast alarming of gas releases is usually the most difficult engineering challenge for the gas detection system engineer. The challenge becomes more difficult when the area to be monitored is an open space that is subjected to changes of wind speed and direction.

With the aid of gas dispersion modeling, this seminar discusses how a high sensitivity ELDS OPGD (Range: 0-1000ppm.m, 0-1LEL.m) can help improve the likelihood and speed of detecting dangerous natural gas releases in windy open spaces, for faster gas detection alarming.

This seminar also covers:

- How ELDS Harmonic Fingerprinting guarantees no false alarming, even at low concentration measurements.
- How the ELDS measurement accuracy is maintained by the Harmonic Fingerprint Lock technique.
- How the ELDS safety functions are checked daily to maintain high system safety integrity.
- How the ELDS can improve detection coverage and reduce total cost of ownership at the same time.

**Seminar presenter:** Edwin Choo



The presenter has a Bachelor's Degree in Electrical & Electronics Engineering from the National University of Singapore and is a Certified Functional Safety Professional. He has 25 years of professional experience in Fire & Gas System solutions design and implementation, and is presently MSA's Detection Product Group Manager, Pacific Asia Region.

[www.MSAafety.com/detection](http://www.MSAafety.com/detection)

*Because every life has a purpose . . .*