ADVANCED FIRE TECHNOLOGY

- UK Fire Seminar brings together British designers & manufacturers of safety solutions
- Now is the time to improve safety at home
- And take the expertise to export worldwide
- Do we do the science in the fire?
- Do we see the uniqueness of British standards?

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GLOBAL BRITAIN: UK FIRE INDUSTRY STRENGTHS

• Leaders in Fire Safety: strength of the British fire protection ‘brand’
• Spear-heading and adherence to recognised Standards, Approvals and Certifications
• British exporter prowess worldwide & GBP exchange rate
• Commitment to Best Practice in Fire Safety and Business Integrity and Ethics
• UKGov relations promoting The UK Fire & Resilience Offer
• CSPH is a member of Joint International Fire Board Strategic Steering Group

www.coltraco.com
WHAT ARE THE RISKS?

- What is the next huge disaster? In the commercial sector?
- **AVIVA**: 2/3 businesses fold after suffering a major fire within 12-18 months
- Data centres are the most high value, safety critical infrastructure asset risk
- Data centres focus on their security both cyber and physical
- But not on their fire safety
- As an industry we should work on educating and raising the profile of fire safety in such assets
- **An example of UK advanced technology opportunities**: Alarms are now constantly monitored, why not the actual fire suppression systems? What about compartmentation testing?
TIME TO EXPORT

- Based on recent FIA trade association estimates, export product values are:
  - Active Fire Protection £300 m pa
  - Passive Fire Protection £150 m pa
  - Fire Fighting £150 m pa

CASE STUDY: COLTRACO ULTRASONICS

- Exporting is a consequence of fine science & manufacturing in the UK
- Great science is based on the integrity of it
- Coltraco Ultrasonics recognised as one of the “Best of British Innovators”
CASE STUDY: UK OEM

- Coltraco Ultrasonics is a British designer and manufacturer of ultrasonic safety solutions
- Exporting 89% to 109 countries
- Embedded in UK fire technology landscape
- Engaged with UKGov, JIFB, FIA, FPA, NFPA, NAFED
- Mission: deliver Safesite® solutions to protect people, assets and infrastructure

FIRETEST LAND BASED
FIRE SAFETY & ROOM INTEGRITY

CONDITION MONITORING
PIPEWORK
CYLINDER / TANK CONTENTS
ROOM INTEGRITY
THE ANSWER?

Ultrasonic Technology for Inspection & 24/7 Constant Monitoring of:

1. Level Measurement
2. Seal Integrity: compartmentation testing
3. Condition Monitoring