

Fire Investigation Training

Virtual Reality Training

RIVR Investigate

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WMFS Fire Investigation & Prevention Section (FIPS)

- Team of 5 dedicated Fire Investigation Officers (FIO)
- 1 FIO development post
- Fire Investigation Dog Team (FIDT) Matt and Kai



WMFS Fire Investigation – The First

- First dedicated Fire Investigation Team
- First Fire Investigation Dog Team
- First to establish an SLA with another Fire Service
- First to establish an SLA with a Police Force
- First to work outside of region
- First to use VR for training



Accurate Fire Investigation

- Origin and Cause Determination
- Correct recording of incident information (IRS)
- Targets Prevention Based Activity (PBA)
- Supports operational officers
- Eases the strain on the Fire Investigation and Prevention Section (FIPS)



Fire Investigation Training - The Past

- No statutory requirement – FRS Act 2004
- Station based training
- Live burn training – staffing, carbon footprint
- Ride along – staffing
- Personal request



Virtual Reality - The Future



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A collage of fire service icons and statistics:

- INTEGRATED RISK MANAGEMENT
- FIRE STATIONS 38
- 1220 FIREFIGHTERS
- 5 MINUTES
- 4 FIRE ENGINES
- 20 RESPONSE VEHICLES
- BUSINESS SUPPORT VEHICLES
- TECHNICAL RESCUE
- 999
- SAFER HEALTHIER COMMUNITIES
- PROTECTION STRONGER BUSINESSES AND SAFER COMMUNITIES
- NATIONAL RESILIENCE
- ROAD SAFETY
- PEOPLE

Virtual Reality – The Future

We invited two Fire Investigation experts to experience our photorealistic Virtual Reality training software.

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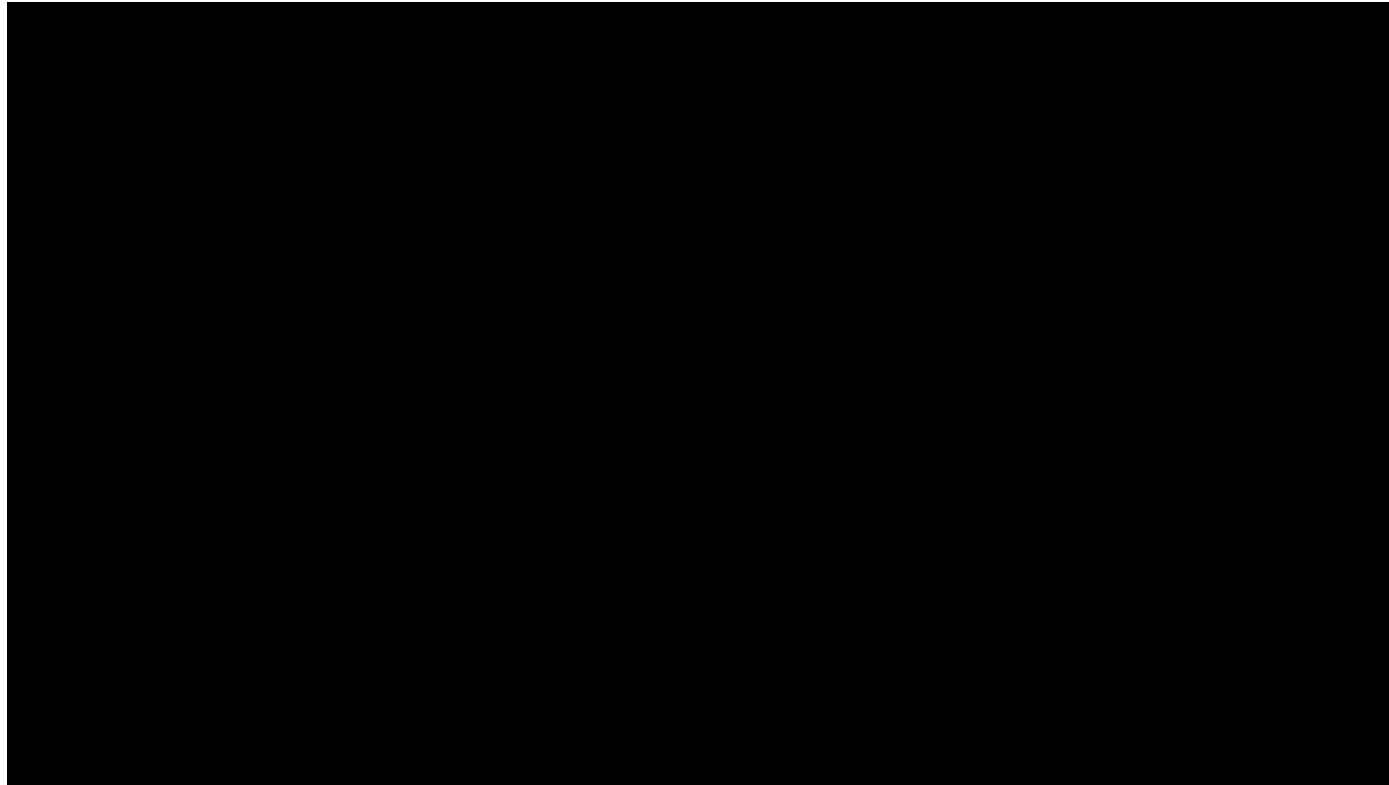
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Virtual Reality – The Future



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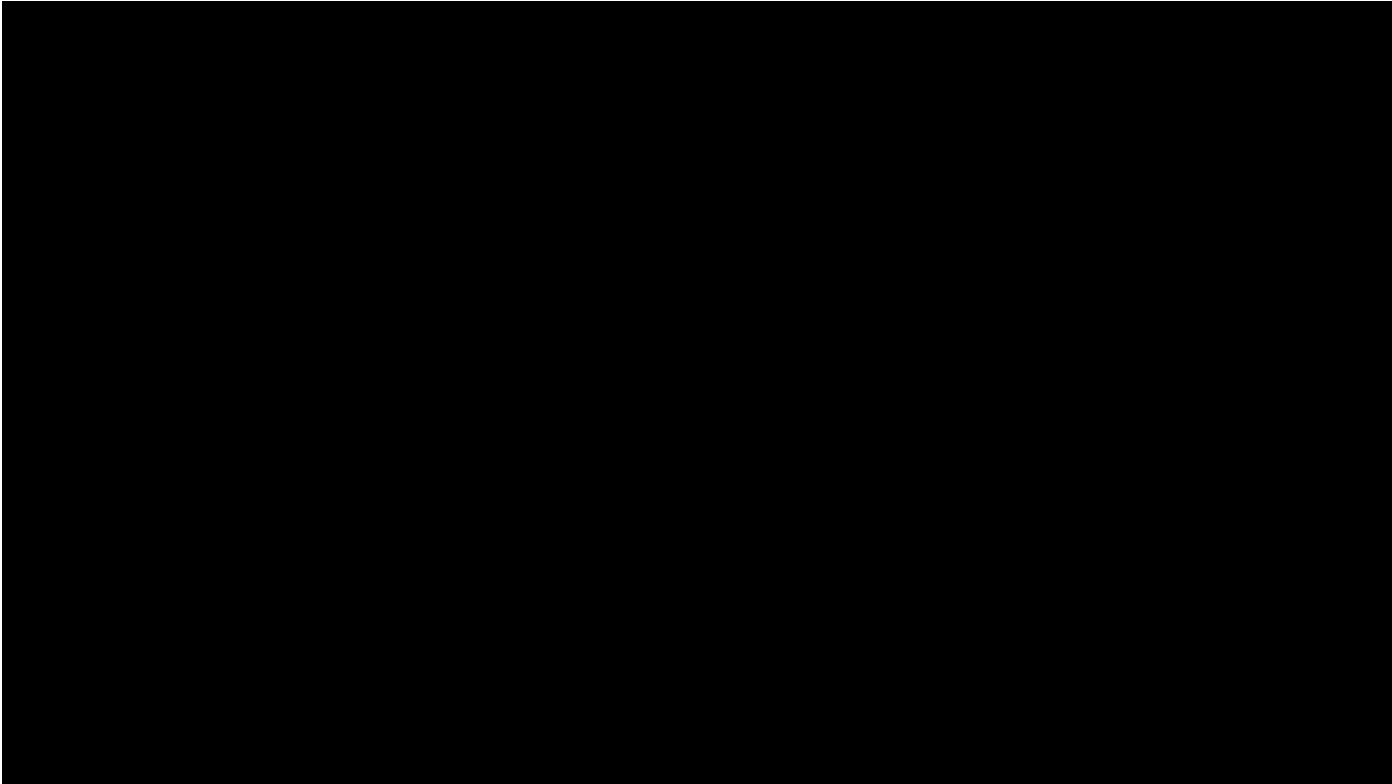
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Virtual Reality – The Future



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Advantages

- Greater number of officers trained
- Interruptible
- Fully immersive
- Assessable
- Reduction in Carbon Footprint
- No impact on staffing



Professor Marcus Du Sautoy

(Oxford University Professor of Mathematics)



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Low Energy Solutions



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Any Questions ?

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