



Three eyes – A multi –view case study

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FD Krems / Donau

- Head of Training
- Officer



Ready4fire

- Head of Training
- CFBT Instructor



Austrian Fire Service

~4500 voluntary FD

~ 450 company FD

~ 6 prof. FD

~ 256.000 Firefighters



Austrian vol. Fire Service

- best equipment
- wide range of incidents
 - fire
 - accident
 - civil protection
 - hazmat



Austrian vol. Fire Service

- best equipment
- wide range of incidents

Training???

- (fire, accident, civil protection, hazmat,...)



Austrian vol. Fire Service

- 1st truck:

1 driver

1 officer

1 BA Crew

- min. 2000l water

- 9m ladder

- PPV

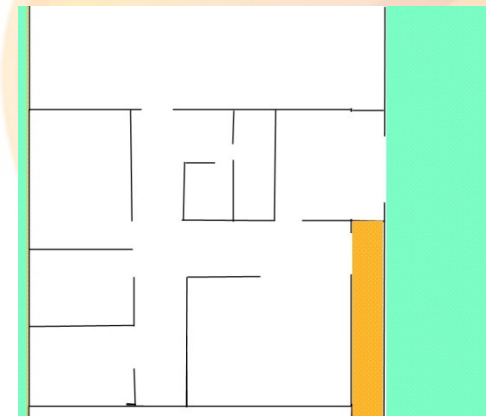


Apartment fire – 2016

2016-02-18 – 11:16

Krems – Apartment fire

- ground floor of multiple apartment building
- ~ 90 m²
- looked door



Apartment fire – 2016

- 1 Video cam – exterior by photograph
- 1 Helmet cam – 1st crew inside front door
- 1 Helmet cam – 2nd crew outside balcony



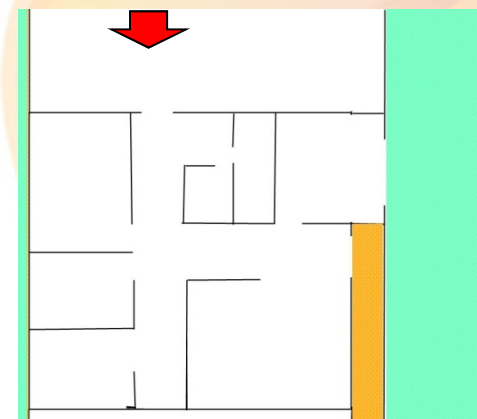
Apartment fire – 2016



<https://youtu.be/Cv5H7agDXVI>

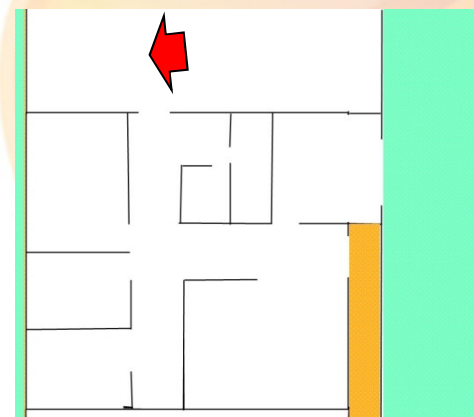
Apartment fire – 2016

- 0:20
- Door open -> installing the smoke blocking device



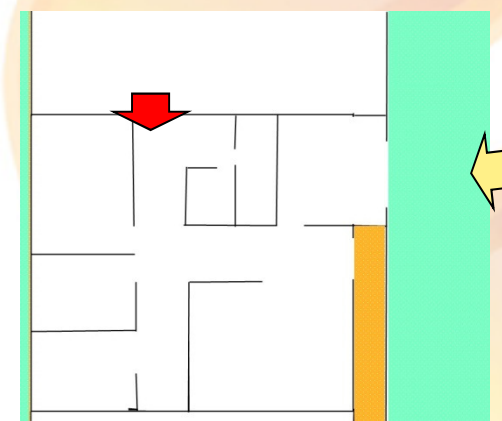
Apartment fire – 2016

- 0:22
- Pulling the keys of motion scouts for BA-Control



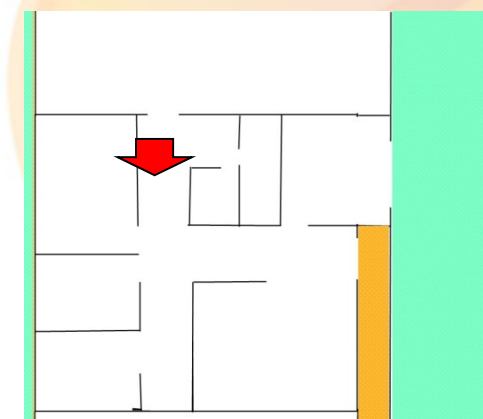
Apartment fire – 2016

- 0:24
- View on backside of building – windows start to fail



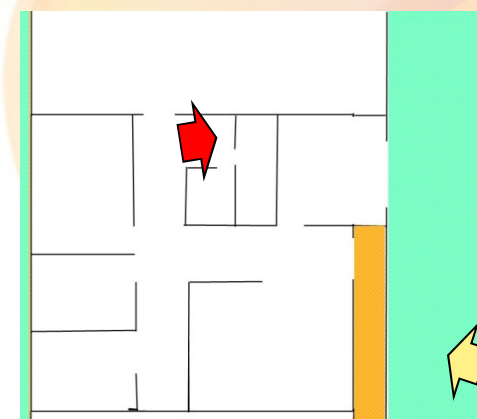
Apartment fire – 2016

- 0:33
- BA Crew enters - > search for victims with TIC



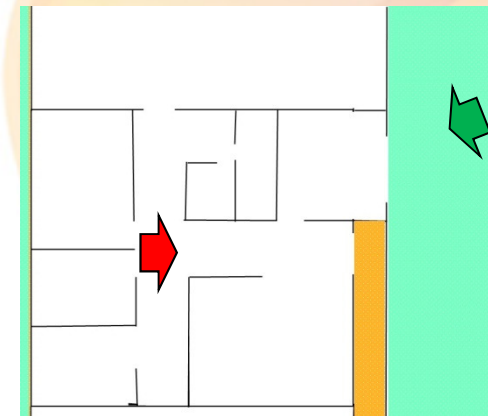
Apartment fire – 2016

- 0:59
- Windows fail -> Flames outside - > no fire detectable inside



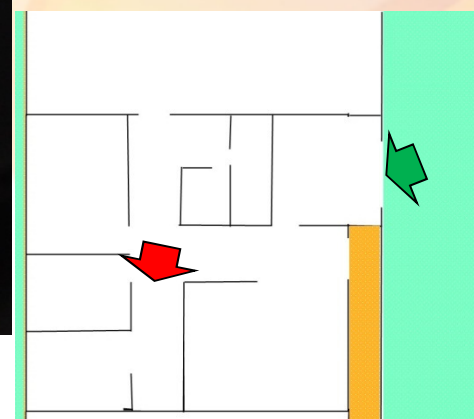
Apartment fire – 2016

- 1:10
- Fire detected in TIC – continued with search for victims
- Outside attack was prepared



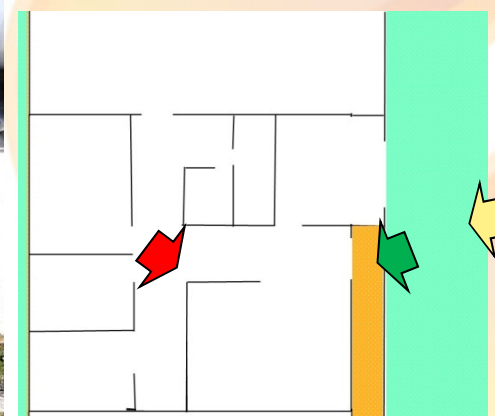
Apartment fire – 2016

- 1:30
- Outside attack was started -> Softening the target



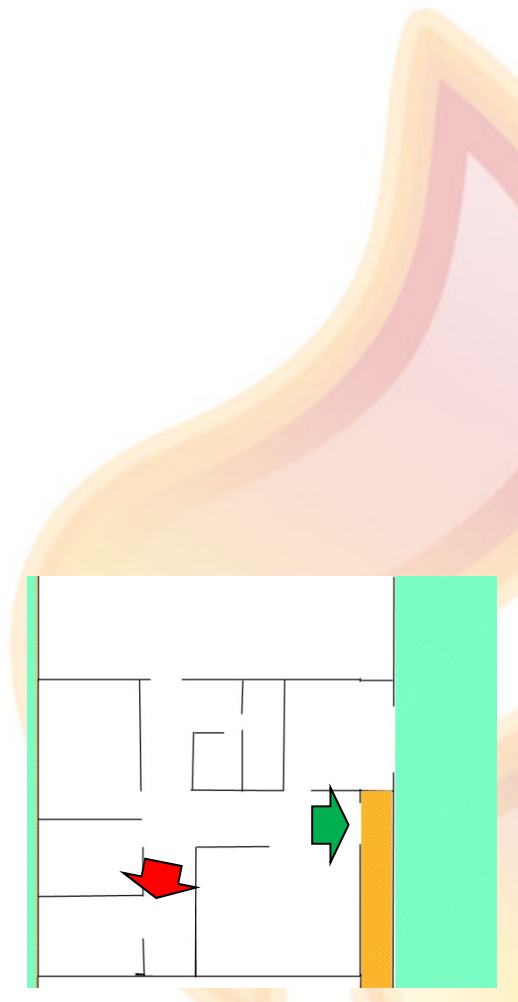
Apartment fire – 2016

- 2:10
- Creating an exhaust opening from outside



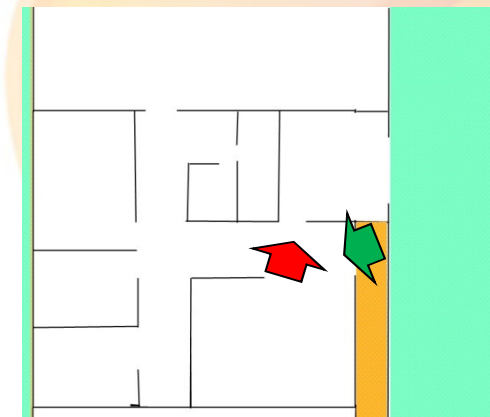
Apartment fire – 2016

- 3:20
- Hydraulic Ventilation



Apartment fire – 2016

- 4:30
- PPV, overhaul, 2nd search



Apartment fire – 2016

- 4:30 +++
- Open the thermal isolation
- Decontamination



Apartment fire – 2016

Lessons learned

- radio communication worked
- outside attack didn't hurt inside crew
- fast ventilation fastens human rescue
- defensive proceed to fire
- what would have happened without outside attack
- misunderstandings in communication
- don't underestimate the thermal isolation

Herzlichen Dank

Stop getting better meas stop beeing good

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