

WIRELESS DIRECTIONAL EVACUATION

ARIADNE'S THREAD



WIRELESS SMOKE DETECTOR WITH ALARM SPEAKER AND STROBE LIGHT

- wireless smoke detector
- wireless directional sounder & speaker («white noise» + voice message)
- wireless strobe (4 high intensity LED's)

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1 Smoke detection in a protected area

Integrated fire detectors & annunciators analyze the smoke level in the air and transmit this information to the control device

2 Voice alarm in case of fire

In case of fire alarm annunciators/detectors activate voice message: «Attention! There is a fire in the building! Follow the sound and light indication!»

3 «White noise» & strobe lights path

System devices alternately make noise signals and strobe flashes creating a sound wave and a light path to the safest evacuation route

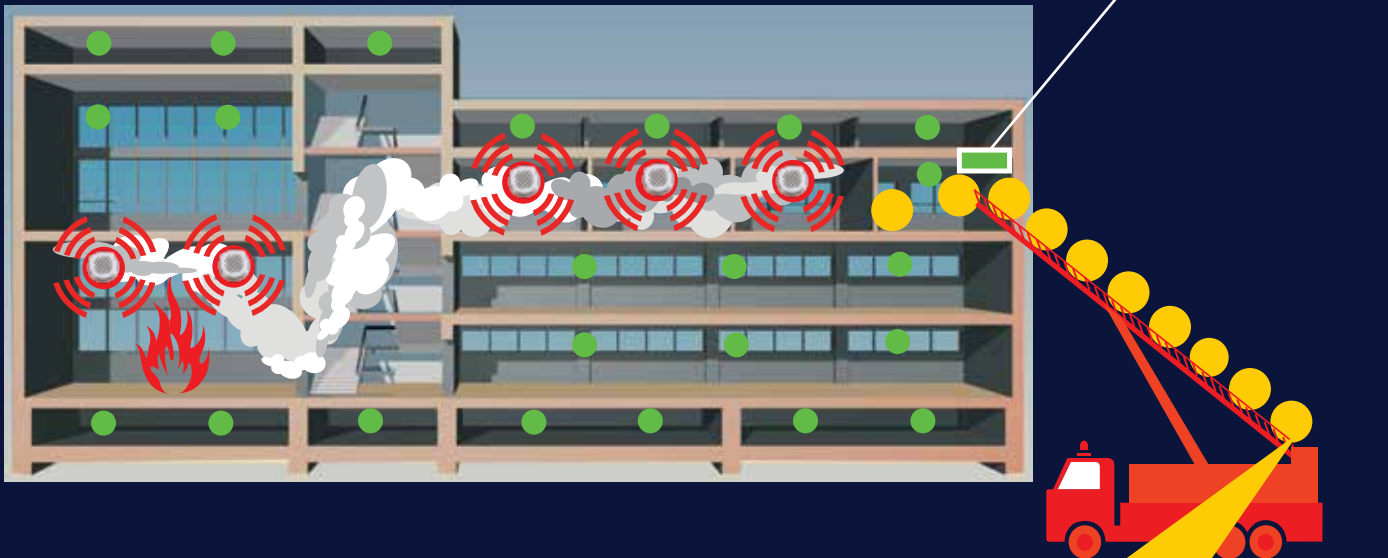
4 Control of evacuation process

The system allows changing the direction of a sound wave and strobe lights path to the other emergency exit if necessary

WIRELESS CHANNEL IS FIRE RESISTANT



Emergency exit



Evacuation

FIRE DETECTION

- + VOICE
 - + SOUND
 - + LIGHT
- } **ALARM**

EVACUATION CONTROL