

Press Release
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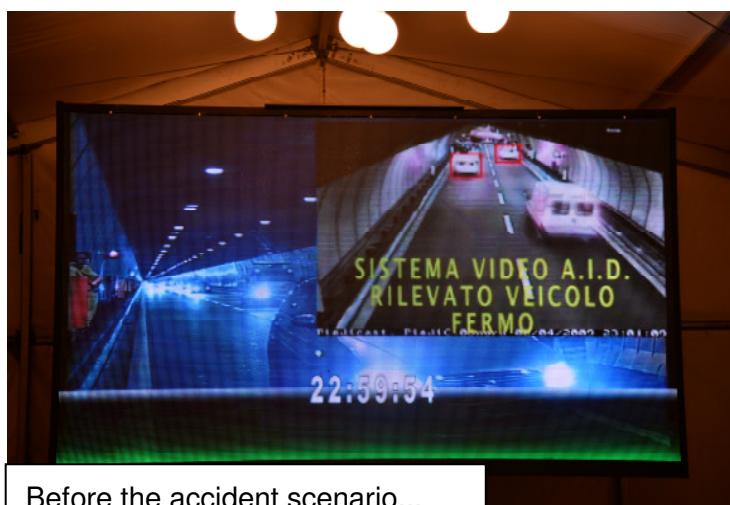
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FOGTEC attends successful emergency test in Virgolo tunnel on the Brenner Motorway

On 16 October 2014, the Brennerautobahn AG carried out a full scale emergency exercise in Virgolo tunnel near Bolzano. FOGTEC's fixed firefighting system (FFFS) was part of testing of the tunnel's emergency management and safety systems. More than 200 experts from police, fire brigades, civil defence, the Brennerautobahn AG and FOGTEC attended the exercise.



Before the accident scenario...

The nightmarish scenario unfolds after a van traveling in one lane skids and blocks the carriageway inside the tunnel. The vehicles behind collide with the obstacle. The impact causes several injuries. The drama heightens when smoke and fire are quickly developing. As a result of the first crash another accident occurs near tunnel's entrance.



....water mist based-FFFS is being activated...

The Brennerautobahn AG had chosen this scenario to ensure emergency procedures and safety systems in Virgolo tunnel. The emergency exercise started at 21:00 and lasted until 4:00 in the morning. A large audience of experts from police, fire brigades, civil defence, the Brennerautobahn AG and FOGTEC were following on screen the emergency procedures including activation of the water mist-based FFFS.



...emergency services on-site.

FOGTEC fixed firefighting system (FFFS) had been installed in 2006 as the first high pressure water mist type in a road tunnel.

With the emergency test FOGTEC's technology underpinned its important role within the overall safety concept of the Brennerautobahn AG: The FFFS not only helped to control fire and smoke but also ensured a safe evacuation by improving the quality of sight for the emergency services. Besides, the tunnel ventilation did not have any influence on the effectiveness of the water mist.

FOGTEC Tunnel Systems, a business unit of FOGTEC Brandschutz GmbH & Co. KG, is a specialist in risk analysis, fire protection concepts and installation of fixed firefighting systems in tunnel. The installation of FOGTEC firefighting technology in Virgolo tunnel had been one of the first major projects in company's history. Today, FOGTEC is protecting several tunnels all over the globe like e.g. Eurotunnel (GB/FR), Dartford Crossing (GB), New Tyne Tunnel (GB) and M 30 Tunnel in Madrid.