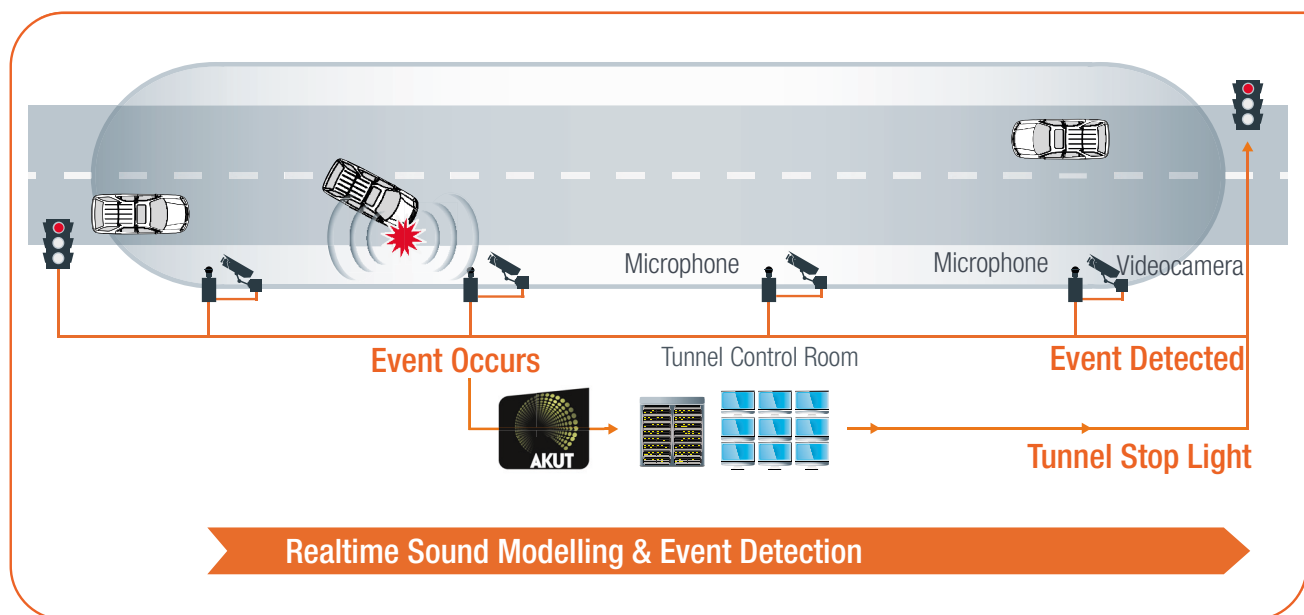


# AKUT® Acoustic Incident Detection in Tunnels

Incident recognition in less than 1 second!

- Immediate activation of stop lights
- Prevent vehicles entering the tunnel
- Fewer people require evacuation
- Microphones detect sound incidents
- Crash, tyre burst, tyre squeal, horns, screams and cries
- Locate (and hear) people even with poor visibility



Events are detected acoustically via the microphones installed in the tunnel. Abnormal sounds are recognized and an alarm is transmitted to the control room within 0.7 seconds. The operator can then decide whether to activate the tunnel traffic lights and other emergency measures.

[www.akut-tunnel.com](http://www.akut-tunnel.com)

## References

2019	Length (m)	# Microphones
Plabutsch tunnel	9.989	282
Gleinalm, 2nd tube	8.426	118
Mils tunnel	1.752	42
2018	Length (m)	# Microphones
Southwick tunnel	490	10
Kollmann tunnel	633	16
Kaisermühlen tunnel	2.134	97
Wald tunnel	2.826	65
Spering tunnel	2.870	62
2017	Length (m)	# Microphones
Arlberg tunnel	15.516	175
Gleinalm tunnel, 1st tube	8.436	119
Wilten tunnel	509	13
Klaus-Spering tunnel	2.031	46
Dalaas tunnel	1.810	19
2016	Length (m)	# Microphones
Oswaldiberg tunnel	4.302	119
Kroislerwald tunnel	679	19
Liefering tunnel	503	14
Flirsch tunnel	1.126	19
2015	Length (m)	# Microphones
Ehrentalerberg tunnel	3.345	75
Lendorf tunnel	800	20
Trettnig tunnel	450	12
Falkenberg tunnel	1.090	26
Bosruck tunnel	5.505	122
Götschka tunnel	4.435	86
Pernau tunnel	245	4
Neumarkt tunnel	1.970	38
Lest tunnel	545	12
2010	Length (m)	# Microphones
Kirchdorf tunnel (pilot system)	2.807	49

## Contact



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