

## Cathedral

Initial situation	Project objectives	
<p>Fire alarm system in a cathedral consisting of i.a. an aspiration smoke detector – ASD (1 sensor pipe)</p> <p>Environmental conditions:</p> <ul style="list-style-type: none"> <li>• ASD installed in the roof truss (sub-zero temperatures)</li> <li>• sensor pipe in the indoor area (warm), thus “microclimate”, water condensation</li> </ul> <p>Frequent disturbances of liturgy due to system failure</p>	<p>The availability of the ASD should be optimized through the use of an automatic air-blast system by Techconnet (automatic and remote operation).</p>	
Problem solution	Results	Contact person
<p>Installation of one BO 2.1 HD together with an industrial compressor with dry and oil-free compressed air (5 bar) and a blow-out cycle of four times per day.</p>	<p>Failures due to humidity / microclimate eliminated.</p> <p>Maintenance twice a year</p>	<p>Techconnet GmbH Tel: 030 221994580 A. Wiedemann</p>