

T.O.P.
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Company Profile

Aircraft Noise, Flight Track and Environmental Monitoring

Topsonic is specialized in the development, marketing and installation of all-in-one systems for aircraft noise, flight track and environmental data monitoring. Our concept is based on the implementation of state-of-the-art technologies in tried-and-tested, user-friendly products, custom-designed to meet the requirements of modern airports.

Special developments to meet customer-specific requirements are a routine part of our activity. The special qualifications and competence of our team of experts, able to look back on many years of experience in this field, ensure fast and reliable realization of projects and a direct, personalized customer service.



Topsonic Benefits

The experience of Topsonic puts you in the picture

We provide a comprehensive service, from planning to startup. As overall contractor, we provide expert assistance in the specification of measurement station locations and externally purchased hardware. Specialist sub-contractors are coordinated by us, and we take responsibility for monitoring installation operations and overseeing construction work.

Topsonic provides information for decision making

Aircraft noise monitoring and environmental data acquisition using Topsonic systems create the right basis for increasing acceptance of airports with the general public. The resulting reports instruct and inform about environmental measures. Evaluation of measurement results and recording of flight tracks by processing recorded radar data provide a vital aid in decision-making for implementation of and adherence to environmental regulations and improvement of emission values, also through the airlines and aircraft industry.

When airport expansion is being planned or the volume of traffic is increasing, Topsonic systems allow calculation of new aircraft noise zones on the basis of current and projected noise pollution and traffic levels. The integrated geographical information system (GIS) gives information in identifying the buildings and the numbers of residents affected in noise zones and take-off flight paths.

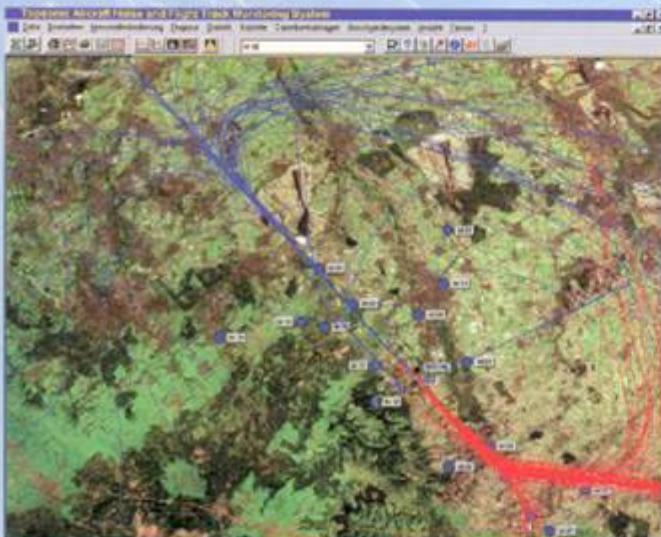
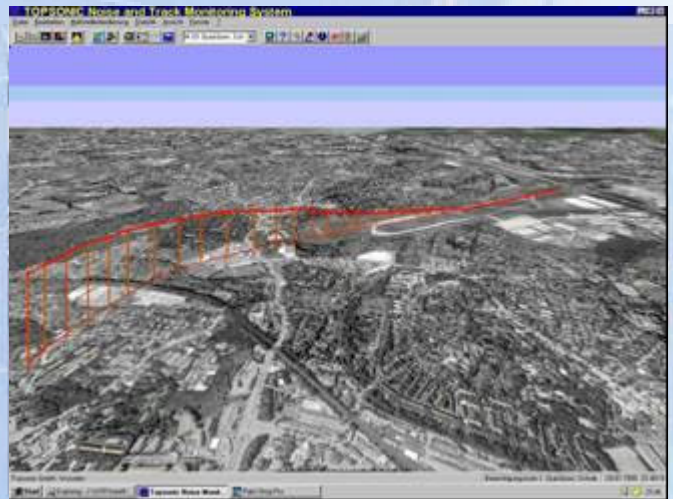
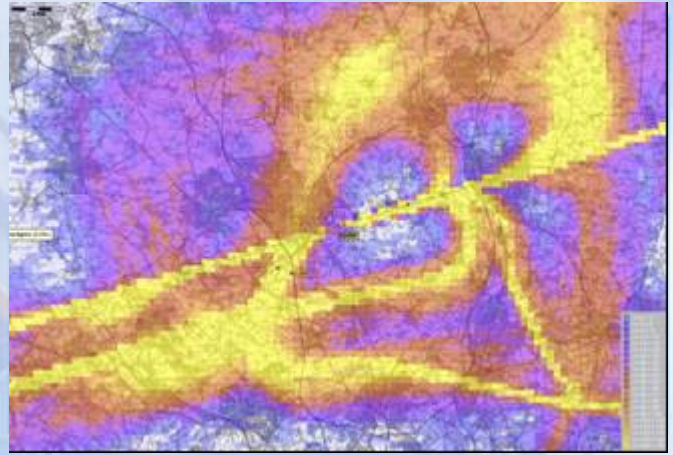
Topsonic Monitoring Systems

Topsonic provides complete solutions: monitoring of aircraft noise to national and international standards, on-line measurement of meteorological, air quality and waste water data using state-of-the-art techniques, as well as displaying flight tracks and detection of corridor violations.

Both the evaluation center and stationary and mobile measurement stations are PC-based systems using Windows® NT standard software. This allows effective use of telephone lines or mobile networks for transferring measurement data and communication of digitalized original sound enabling accurate identification of noise sources.

The PC-based monitoring system is cost-effective, user-friendly and flexible. The systems can be easily integrated into customers' existing IT-structures.

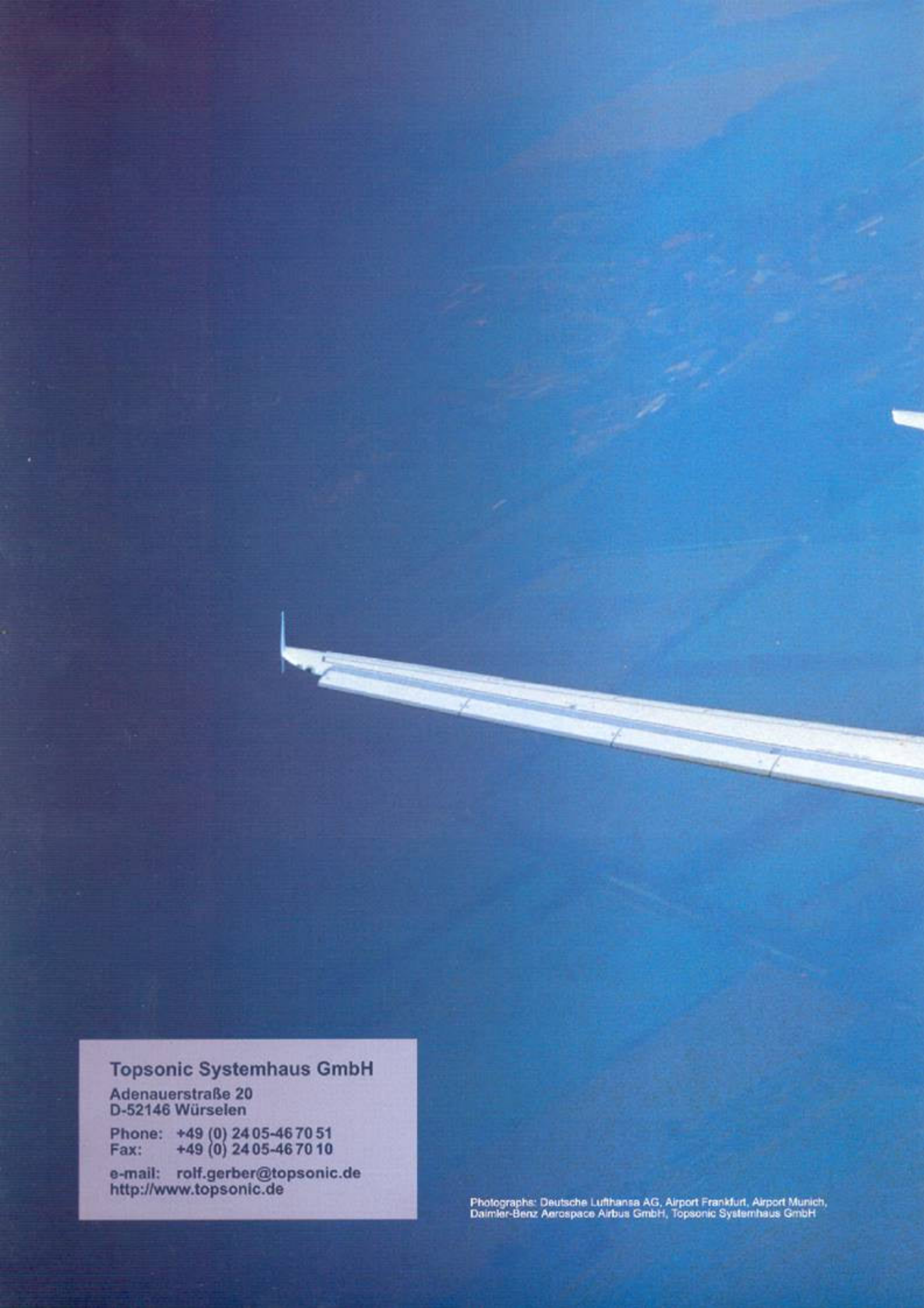
Topsonic solutions can be expanded and extended and provide interfaces for further processing and analysing of data using standard office software, e.g. for documentation and statistics. Customer-specific visualization, forms and reports can be created by non-specialists.



Support and Maintenance

Ongoing customer contact is the key to Topsonic's strategy. Service, telephone hot-line and user training ensure the best possible product performance.

To keep our systems as an up-to-the-minute product upgrades are released periodically and provided as a part of a maintenance agreement.



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