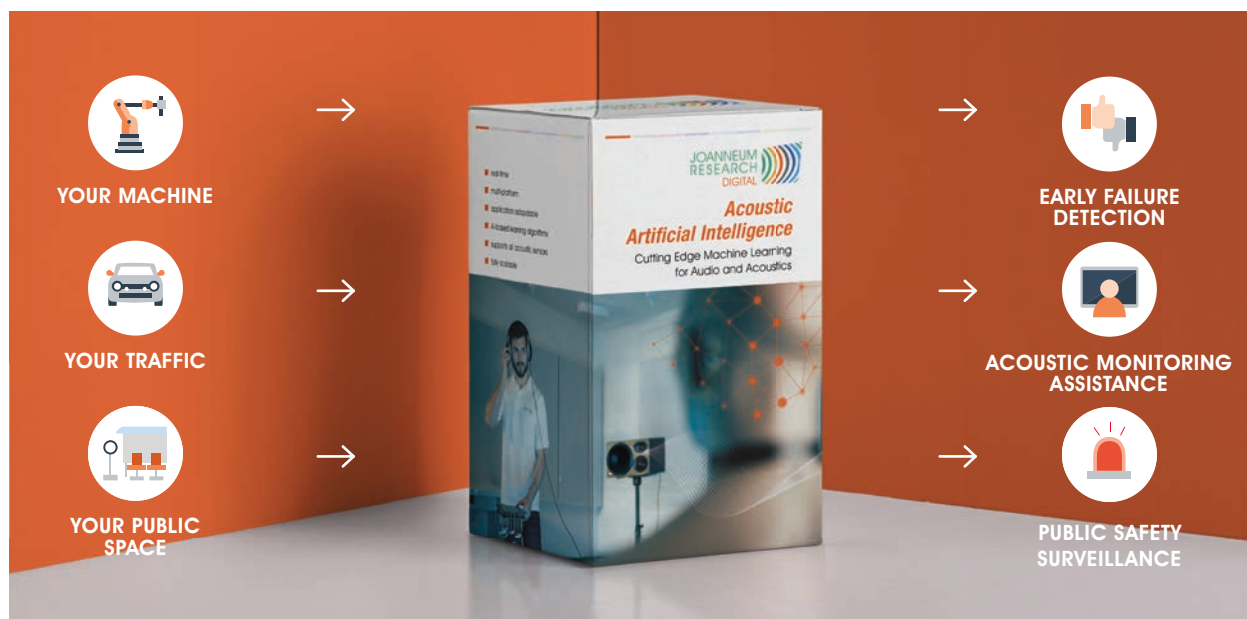


AI-driven Audio Solutions

Cutting Edge Machine Learning for
Audio and Acoustics



How it works



Our **intelligent algorithms** analyze audio and vibration signals to recognize specific sounds and acoustic scenes **in real time** – just like humans do. Using **cutting edge AI-technology**, our algorithms apply self-adapting strategies to react to changes independently. In addition to detecting unusual incidents and errors, Acoustic-AI also monitors machine state and quality.

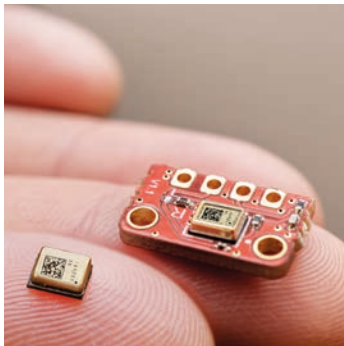
Features



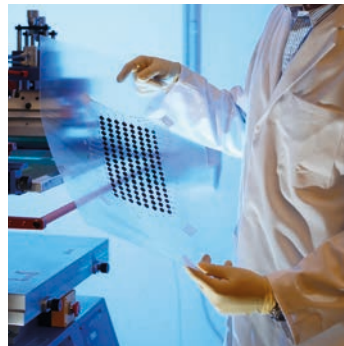
Sensor Technologies

We develop **application-specific acoustic sensor systems** for the detection of airborne sound and vibrations. This includes **laboratory and industrial sensors** as well as **highly integrated and cost-efficient MEMS sensors**. For special applications we can print **wafer-thin vibration sensors** using screen printing on your product. We further develop **microphone arrays** for focused and targeted sound capturing to obtain even higher signal-quality to perform acoustic localization tasks.

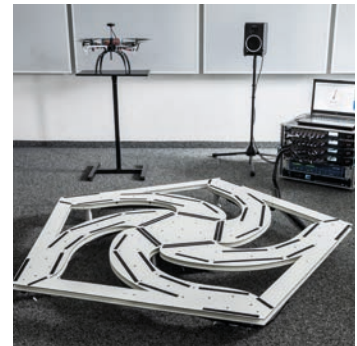
Measurement and
MEMS Microphones



Accelerometers
and PyzoFlex®



Array Technologies



Fields of Application

Industry



Traffic



Security for Public Spaces



Consumer Products



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