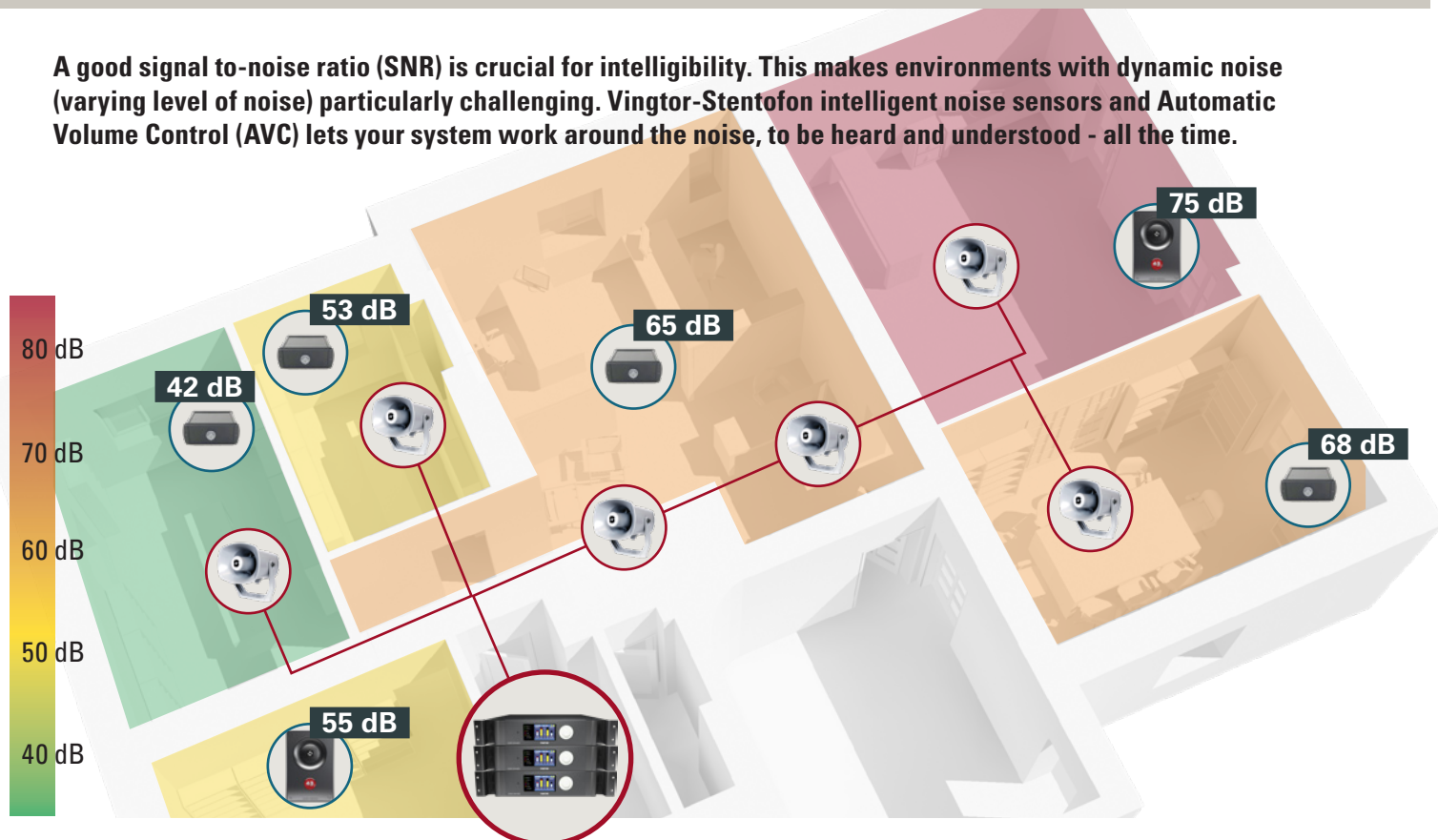# VINGTOR STENTOFON

by ZENITEL GROUP

APPLICATION SHEET

DISTRIBUTED AUTOMATIC VOLUME CONTROL

A good signal to-noise ratio (SNR) is crucial for intelligibility. This makes environments with dynamic noise (varying level of noise) particularly challenging. Vingtor-Stentofon intelligent noise sensors and Automatic Volume Control (AVC) lets your system work around the noise, to be heard and understood - all the time.

Zenitel offers a unique hardware and software solution that dynamically adjusts the output volume levels of output devices - even during broadcast.
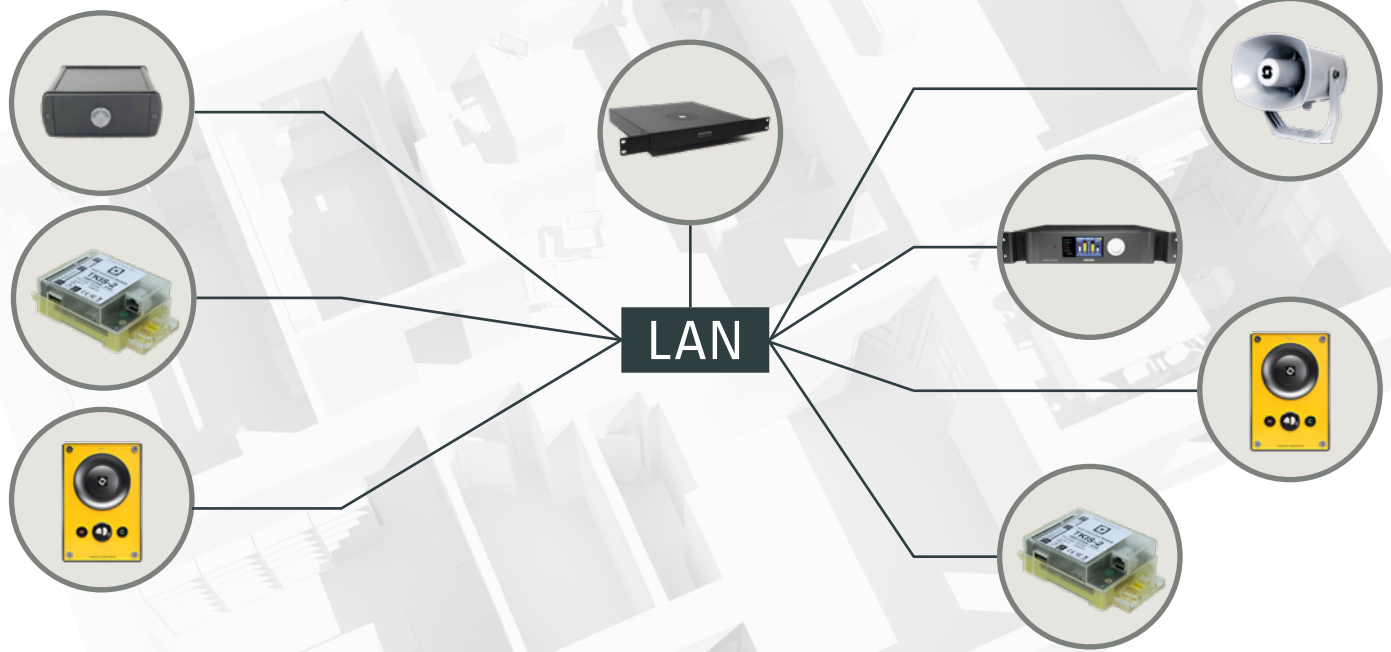
Key Features:

- Dynamic measurement of background noise - even during broadcast
- Full-time adjustment of output levels
- Compatibility with ECPs, intercoms, amplifiers and integration modules.
- Local AVC - one device adjusts itself
- Remote AVC - one device controls another device
- Multiple Noise sensors can control a single zone for increased accuracy

- One noise sensor can control several devices
- Advanced summing or averaging functions to tailor the performance to the project requirement
- TCP-IP technology, can be placed independent of amplifiers
- Supported in Exigo- CCoIP-, Pulse- and SIP system
- Compatible with legacy devices via integration over TKIS/TKIE integration modules
- Support for remote maintenance and configuration of all input -and output devices over SNMP

NOISE SENSORS

AUDIO SERVER

OUTPUT DEVICES

LAN

VALUE TO THE CUSTOMER

- Improved intelligibility through optimized output
- Easy to configure, deploy and use
- Highly Scalable, grows with your needs
- Integrate with legacy PA systems to bring benefits of IP to your existing platform
- No need for external server hardware or expensive virtual infrastructure

- IP-based, can be placed anywhere, regardless of amplifier location
- A single platform for controlling both 2-way voice communication (ECPs) and paging and public address (PAS)
- Continous monitoring of hardware allows for detection of errors and even prevention

NOISE SENSORS	OUTPUT DEVICES
- EINS-range of noise sensors	- ENA Network amplifiers (both channels)
- Turbine-range of devices	- Turbine-range of devices
- ELSIx IP Loudspeakers (requires accessories)	- ELSIx IP Loudspeakers
- TKIS/TKIE modules (mic in)	- TKIS/TKIE modules (line/loudspeaker out)

VINGTOR-STENTOFON by Zenitel

Communication is critical in all areas of business, therefore our expertise is focused on providing intelligent communication solutions that allow you to hear, be heard and be understood, every time.

Zenitel systems interface with other security systems including CCTV, access control and alarm for a comprehensive security solution.

Our primary system offering is within Public Address, Intercom and Radio.

Our key markets include: Building Security, Public Safety, Transportation, Industrial Manufacturing, Energy and Maritime.

Zenitel systems provide high availability, scalability, reliability, maintainability and cyber defensibility. By reducing hardware to a minimum, and keeping the benefits of centralized server management, organizations have more flexibility in scale and performance.

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