



We make your information audible – Our Passion, Your Success!

We make your information audible.

Sittig Industrie-Elektronik GmbH & Co. KG

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Sittig Industrie-Elektronik GmbH & Co. KG was founded in 1987. We have continuously developed our knowledge and expertise starting with the programming of CNC precision Machines up to today's IP based Automatic Passenger Announcement Systems. Since then our customer base has increased accordingly. We are proud to have internationally known companies among them.

Sittig has currently PA Installations at the airports: Frankfurt, Munich, Jeddah, Stuttgart, Zurich

Our key competence is the planning, development and implementation of hard- and software solutions for digital voice and data communication with the focus on acoustic, data security and conference systems.

A high degree of flexibility and customer orientation has been our key competency ever since. This has resulted in a continuous improvement of our products and services. Innovation is our driver!

Our strength is the high level of flexibility and short turnaround time for the realization of individual customer requirements. We start where standard solutions have reached their limits. We provide the customer consultation and develop individual solutions. With our competency and experience we support the customer to realize the most efficient solutions.

At Sittig Industrie-Elektronik voice and data communication is our passion. For our employees providing solutions for our customers is a commitment they enjoy. High quality sound is a pleasure to our ears.

Our highly motivated team supports you and provides our customers with the adequate voice and data communication solution based on their needs and the business sector they are operating in. Soft- and hardware solutions which improves your life, is reliable and easy to operate.

Our Philosophy: We make your information audible – Our Passion, Your Success!

Our solution for perfectly automated airport voice announcements:

PAXGuide

With the extensive growth in the aviation industry, accurate and timely information has become of the utmost importance for today's travelling passenger. Airports all over the world have tried to keep up with this by using various information forms, eg. public address systems, automatic announcements and TFT displays. The experience most passengers encounter with this type of information system is of poor quality.

Sittig Industrie-Elektronik offers the solution for perfectly automated airport voice announcements – our PAX GUIDE system. We design, develop, implement, maintain and support an effective, multilingual voice announcement system in exceptionally high quality. We interface with many different hardware manufacturers e.g.: Klotz, TOA, Bosch Praesideo, G+M, DuranAudio, Renkus-Heinz etc.

We are committed to establish a high availability system which uses all resources wisely in a load-

balancing process. The heart of the system is a SQL-database in which the flight tables, the announcement orders, status of the zones as well as system status and logs are stored.

Depending on the flight information system a continuous and automatic update of the flight tables is possible. In the event of an interrupted connection to the flight information system, it is possible to work offline with stored data.

Your benefits at a glance

- **Multilingual and standardized airport announcements improve the airport's passenger flow by informing your passengers clearly and in their own language.**
- **Optimal and timely passenger information as well as stress-free boarding procedures lead to a decrease in time delays.**
- **Multilingual emergency announcements improve your passengers' safety that enables a quick and proper reaction in case of an emergency.**
- **Written display of the audio information with the aid of video screens informs hearing impaired travelers of their rights. The screens can be additionally used as a medium for commercials and broadcast news which provides an added service for your passengers as well as new means of generating income for airports.**
- **Decreasing sound intensity and less repetition of announcements promote a comfortable airport ambience.**
- **The higher level of automation reduces the workload and the required workforce.**





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Our customers are the best reference for the quality of our products – to our benefit and to your's!



Germany: Frankfurt Airport

The Frankfurt Airport, Germany's biggest airport and one of the world's most frequented features a variety of our customer specific PA solutions. Digital Gate Announcements (DGA) and Central Automatic Announcements (CA) are the most notable ones – and "audible" for the passengers.

Interfacing with the Flight Information System (FIDS), arrival and departure information for example is being processed automatically at the gates. The ground crew can concentrate on customer needs and expedite the boarding process while a friendly human voice is making the announcements automatically in a high and consistent quality – at anytime without haste – and in up to 18 languages.

The Central Automatic Announcements System connects with the Evacuation Systems of different providers via IP. It provides the airport with the possibility to integrate various manufacturers and gives the personnel an easy to handle tool to make central announcements in a professional, high quality manner and is able to record and track security announcements as for example "last call" passenger announcements.

The system was installed in 1994 and has been updated regularly ever since, followed by Digital Gate Announcements in 2008.

Saudi-Arabia: Jeddah Airport – Hajj-Terminal

The Jeddah Airport Hajj Terminal is estimated to be, at five million square feet (465,000 m²), among the world's largest air terminals. Because of Jeddah's closeness to Islam's holy city of Mecca, the Hajj Terminal is specially built to handle foreign pilgrims destined for Mecca.

During Hajj season traffic at the airport increases significantly. To accommodate the peak traffic, the terminal is equipped with mobile check-in counters and functions as "one way" terminals for arrivals and subsequently for departures only. The PA system accommodates this flexibility through completely integrated IP based solutions. In addition, all announcements are being processed automatically in Arabic,

Bahasa, Urdu, English and French. The personnel can in the meantime concentrate on the pilgrims. Wherever highly flexible systems and extremely fluctuating passenger numbers need to be handled, this solution can be used.



Our customers are our expertise:

Munich Airport: „Sittig realized countless customer specific solutions and created a tailored Automatic Announcement System in a very short timeframe for us.“

Frankfurt Airport: „In the last 10 years Sittig has solved many customer specific demands and requirements.“

„Sittig is a partner for us, who is always fulfilling the tasks to our complete satisfaction and is highly flexible and competent.“

