

Market segment: Transport

## 2N<sup>®</sup> Netspeaker

A multipurpose information system



### SUITABLE FOR:

- BUS AND TRAIN STATIONS
- PUBLIC TRANSPORT STOPS
- AIRPORTS

### BENEFITS:

- PREDEFINED ANNOUNCEMENTS (ARRIVALS, DEPARTURES)
- INFORMATION AND SECURITY ANNOUNCEMENTS FOR PASSENGERS
- LIVE ANNOUNCEMENTS
- ADVERTISING MESSAGES

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## Concept: IP Audio system

We encounter audio systems in many places every day without, in fact, even realizing it. Whenever we enter a department store, a bank or while waiting for a train or travelling on the underground, various audio systems bombard us with music, advertising messages, information on arriving trains, and so on. Audio systems in general are used to inform the public, for example, passengers, customers, employees or students using audio announcements.

Audio systems have been part of our lives for decades and over that time, they have fulfilled the same purpose. The arrival of IP however has simplified and quickened the implementation and installation of these systems, with an increasing number of attractive possibilities for their use. Former limitations such as a low number of zones have become totally obsolete with the arrival of the NetSpeaker IP Audio System. For example, different audio content can be sent to various parts of a building according to operating requirements.

**Functions:** This modern audio system offers the distribution of audio information via the IP network, enabling the user to make central announcements or play music anywhere from a small café to a multinational chain of restaurants or stores, etc. The time planner function addresses the need for regular school bells, scheduled advertising messages, making information announcements, etc.

**System administration:** The system includes a set of SW applications designed for both standard end users (e.g. the owner of a café can use the simple NetSpeaker player to play a set of favorite music playlists) and system administrators to manage users, zones, playlists, internet radio and set rules for the distribution of audio content via a graphic interface.

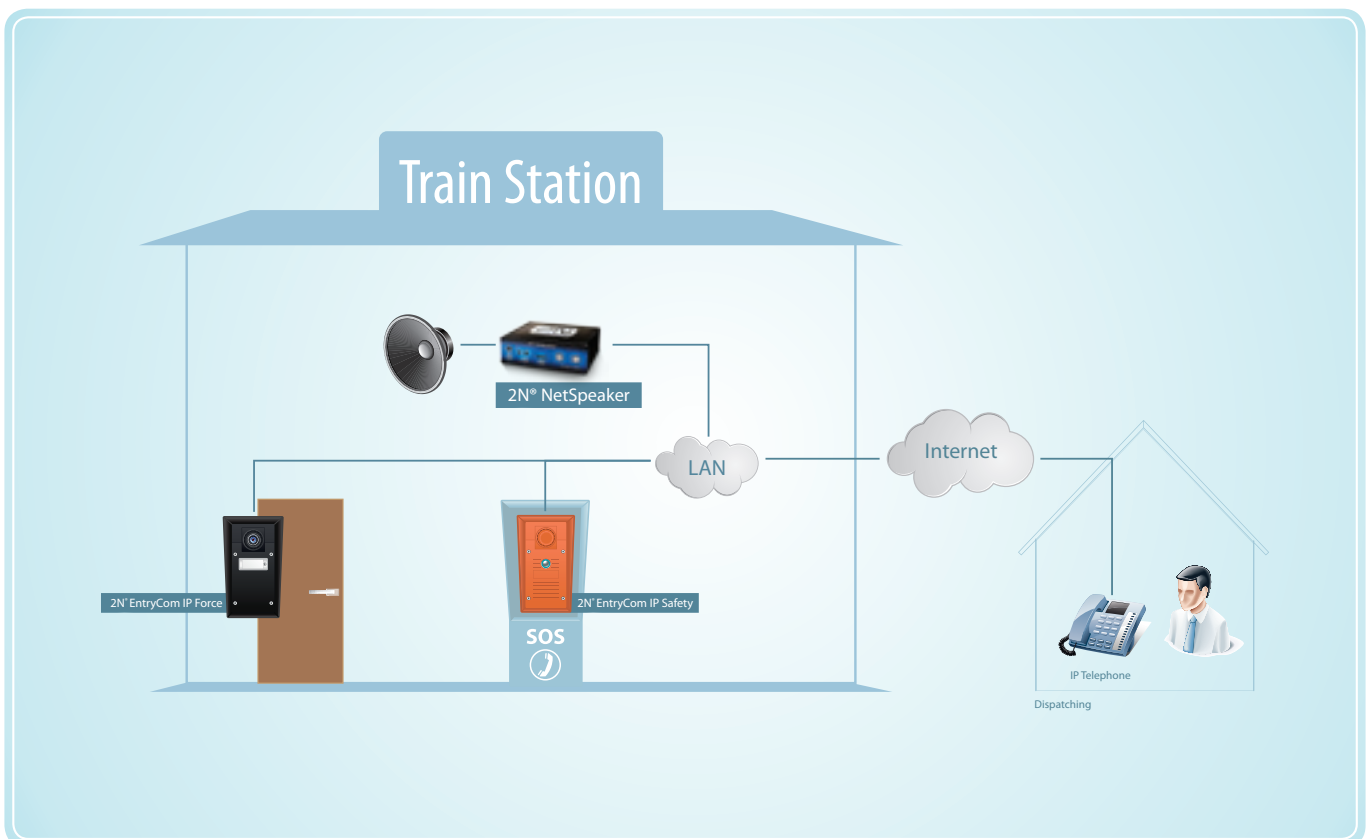
## Solutions: Platforms

The 2N® NetSpeaker IP Audio System can be used at railway stations as an ideal way to solve a number of requirements using one system. It can be used at both older railway stations where announcements are made by an authorized person via a microphone, as well as modern stations where announcements are centrally controlled and replayed from pre-prepared announcements or put together from individual pre-recorded key words. This is achieved through the 2N® NetSpeaker system's open API interface, which allows the connection of additional control systems controlling not only audio announcements but also display units, station clocks and other information channels for passengers.

As well as announcements of arrivals/departures, the integrated Planner can also be used in public transport to make regular announcements such as "We request all passengers to ensure their luggage is not left without supervision." In areas where it is appropriate, pleasant background music can be played between announcements, both in corridors, cafés, restaurants, WC... yet, even in these localities, passengers are assured they will not miss any important announcements. Thanks to the flexible structure of this IP audio system, different background music can be played in various locations according to the operator's requirements.

## Waiting areas

Waiting areas are typical areas using the functions described above, plus more. The NetSpeaker unit that serves the waiting area allows a choice of music streams or so-called channels, in the same way as we tune a radio to different stations. The operator's staff or even passengers can choose an appropriate station using control buttons or an IR remote control according to their mood and requirements. The chosen music will be automatically turned down when the central system announces important information for passengers. On top of this, it is also possible to play advertising messages to passengers according to a pre-prepared schedule using the Planner function.





## 2N TELEKOMUNIKACE

We are an international company based in the Czech Republic specializing in the development, manufacture and sale of IP intercoms. We have been active on the market since 1991 and we currently have 150 employees. We are proud of our high quality and reliable product portfolio. Our intercoms are the most technologically advanced products on the market, which is confirmed by important certification from Cisco or Avaya.

Thanks to our development and manufacturing facilities and years of experience, we can flexibly respond to the needs of the market and individual customers. We can meet the requirements of the most demanding clients, who we offer tailor-made solutions to meet their exact needs.

We are continually expanding our operation and currently do business with partners in more than 125 countries. You will find our branches all over the world.

