



ViasPAS is a passenger announcement solution that can be operated automatically or manual or in a combination.

The primary target of the viasPAS package is the automatic passenger announcement in airports. However, the packaged can also be used for generation messages like SMS or e-mail messages as well as manual triggered announcements in gates and automatic announcements in flights etc.

Use cases

Airport announcements. viasPAS can be used for any automatic passenger announcement in the airport. The system reacts immediately on any change in the underlying real time data. The data may come from any source like AODB or FIDS or even the airline's own database. The phrases used for the announcements as well as the rules for the announcements may be changed at any time. The package has a lot of feature giving the customer the freedom to adopt the announcements to today's requirements with a few mouse clicks.

Gate announcements. ViasPAS can be used for manual gate announcements. A web page, on the gate computer is used to trigger the announcements. The buttons and the phrases behind may be defined dynamically.


CARRIER: Brussels Airlines
DEST: Brussel
STATUS: Gate Closed
FLIGHT#SN3128
GATE 4
DEPT ~~09:35 (11:35)~~
ETD 09:38 (11:38)

PREBOARDING

BOARDING

 Boarding

 Boarding - Group 1

 Boarding - Group 2

 Boarding - Group 3

DELAYED FLIGHTS

OVERBOOKED

MISSING PASSENGER

FREE TEXT

Of course, the buttons may also be used to change the state of the flights accordingly. Note that the system automatically knows about which flight is on the gate and the status of the flight.

Missing passenger calls. By adding a link to the different airlines database one can get a list of missing passengers with their names and nationality. This list can be used to make general calls for missing passengers in the language of the airport and in the language of the missing passenger. At the same time the list of missing passengers may be sent to the viasFIDS system and be running as a ticker of a separate screen on any monitor in the airport.

Onward in-flight announcements. When a flight is approaching an airport, it is possible to send a list of connecting flights with gate assignments, delays and walking distance from arriving gate to destination gate in the language of the relevant passengers. Only the onward flights that are relevant to the passengers onboard is announced. To avoid sending audio files to the flight, a small-embedded computer is installed in the airplane and connected to the audio system of the airplane. This computer then makes the text to speech conversion.

E-mail SMS and alerts. Instead of generating a text that is sent to a text to speech translator program the text could be sent out to either SMS or e-mail lists. The target audience for the alerts could be passengers that has requested information for the flight or it could be messages to different staff groups that has to be notified if there are any changes in the flight schedule. The possibilities are unlimited.

How it works

The zone concept. In a normal PA system, loudspeakers are grouped in zones. The viasPAS also works with zones, but in a much broader definition.

The phrase. The phrase in viasPAS is a string of text. The string is produced by concatenating a number of string elements that are edited in a smart web-browser based editor.

The Rule concept. Rules are sql statements that can be edited in a frontend. If the rule evaluates true the rule is true.

Phrase Wizard

Phrase: Boarding - one codeshare

Language: English

Save Save as scheduled message Delete Render

Drop the phrase items here

- Freetext: We are now starting to board flight:
- Conversion: Airline_Conversion(variable: AIRLINE_DESIGNATOR, test : SN , converted: Brussels Airlines)
- Freetext: -
- Variable: AIRLINE_DESIGNATOR(seperate: , test : SN, before : \r\n=1\, after: \r\n=0\)
- Freetext: -
- Variable: FLIGHT_NUMBER(seperate: , test : 8761, before : \r\n=1\, after: \r\n=0\)
- Freetext: -
- Variable: CS_1_AIRLINE_NAME(seperate: , test : British Airways, before : code shared with , after: flight)
- Freetext: -
- Variable: CS_1_FLIGHT_ID(seperate: , test : AA5745, before : \r\n=1\, after: \r\n=0\)
- Freetext: . We remind you, that any luggage, over the permitted dimensions will be removed and placed in the hold. Thank you very much and enjoy your trip.

Free text
Variable
Time
Conversion
Translation
Old field
User input