



PAG - PAVIP Audio Guide

Experience more.

PAVIP Audio Guide makes information and experiences, which have been accessible only for sighted people so far, acoustically available for visually impaired and blind people.

PAVIP Audio Guide (PAG) is a PAVIP-development of Bones Inc.

PAVIP (Personal Assistant for Visually Impaired People) is a platform to increase the autonomy and mobility of visually impaired and blind people in cooperation with the Swiss blind unions.

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How does the PAG system work?

The visually impaired, blind or sighted visitor receives a credit card sized hand-held unit at the cash desk. This loaned device is based on the commercial Milestone with integrated Speakout module (RFID tag reader) and a customized software.

Therewith the visitor goes to several information points. These points are equipped with black acrylic glass-boxes, which include a RFID tag. Is Milestone moved above such a box and a scan process is started via pushing a button, Milestone identifies the RFID tag and starts playing the corresponding information. For example an exhibition object is described, historical backgrounds are explained and further interesting details are made acoustically available. The output happens selectively over the built-in loud speaker or over headphones.

How are the information points found?

The system is equipped according to the customer's preferences. The visually impaired or blind visitors are often not on the way by oneself. Companions bring the user from one information point to the other and therefore the signalization of the information points with the corresponding logo is adequate.

More independency is achieved with tactile guidelines on the floor. Those serve a link between the information points and provide a safe guidance especially for visitors without any eyesight. The third possibility is the integration of a radio system. With the introduction of an acoustical signal, which results from the information point, the visually impaired or blind visitor can locate the next information point. This signal is released by pushing a button.

Where can PAG be used?

PAVIP Audio Guide suits for recreational and cultural offers as a museum, zoo, theme park or art exhibitions provides it. For visually impaired and blind people these places become a novel experience with PAG. But also for sighted visitors acoustically accessible information are an enrichment.

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How have the information data to be compiled?

The underlying information data can be based in audio or text files. Text files are read over the built-in text to speech converter of Milestone.

How does the implementation process of PAG look like?

In general a PAG installation is implemented in 4 steps.

1. The concrete needs are discussed with the Bones project team in 2 or 3 meetings. This needs usually a time period of 3 to 6 weeks.
2. Bones generates a project and installation plan, as well as a budget, during 2 to 3 weeks.
3. Together with the customer the audio or text data are processed and if part of the solution, tour objects as well. Bones has several partners in professional speaking, audio and visualization as well as handicrafts partners for a professional implementation of the project. This main part lasts from 4 to 12 weeks, depending on the solution type and project size.
4. The solution is built up, is put into operation and gets tested. This final process lasts 2 to 4 weeks.

Where can I test PAG?

The PAG system you can survey and try out in the museum for communication in Bern, Switzerland.

Have we aroused you interest?

Do not hesitate to contact us and to get more information about PAG.
We would be pleased to answer all your questions.

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