

DYNAMIC GUIDANCE

pointer will empower the visually impaired or the blind to exactly know his location, in addition to the existing guidance system, comprising sensor button and tactile systems.

Prior to the intended tour, the user downloads the respective App on his smartphone.

At every crossing or place where **pointer** is installed, the user will receive on his smartphone his exact location, whenever within the 30° radiation angle of the **pointer** and via ultrasound signal and independent of WIFI reception.

In the database of the App, **pointer's** number is registered and refers to a particular position/place in the map.

The public transport vehicles, subways and trains can be easily equipped with **pointers**, positioned next to the door.

pointer's functionality is based on an automatic triggering of the respective App, whenever the user is entering the 30° radiation angle of **pointer's** loudspeaker. This allows a 100% correct location of the user.

WIFI independent, safe & sound ultrasound technology



FACTS

- **pointer** locates with pinpoint accuracy
- Smartphone is triggered by the ultrasound signal of the **pointer** thanks to the previously opened App System works in flight modus
- Audio- and videocontent available on the screen of the smartphone
- One time download of App via WIFI, permanent use via ultrasound signal
- Transmission of non-audible acoustic identifier at 30° angle
- Dimensions of unit:
H 8,5 cm x W 6,5 cm x L 3 cm
- Electrics: 3,6 V, Lithium C-Cell
- Ultra-low energy consumption, battery duration > 2 years
- No danger from electromagnetic radiation
- 5G transmission technology will reduce download time
- **pointer's** API docks on existing IT-structure
- Production start: 2017



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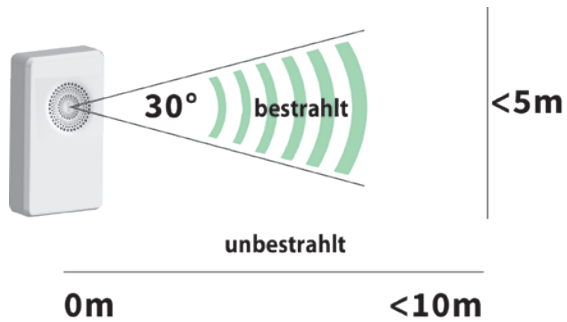
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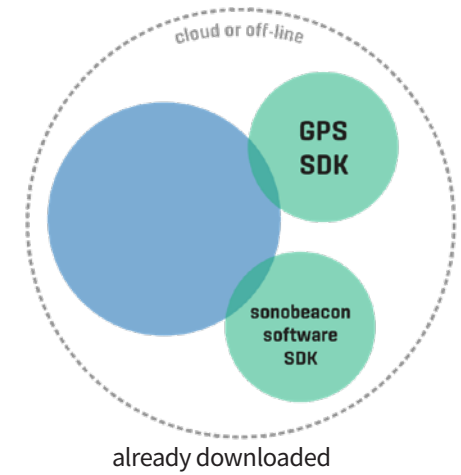
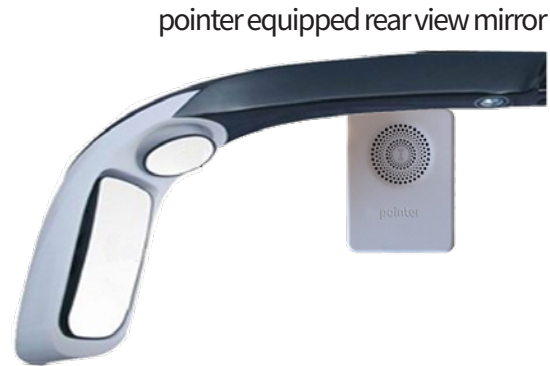
DIGITAL TRANSFORMATION
TRAFFIC LIGHT FOR THE BLIND
PUBLIC SPACE, TRANSPORT AND
TRAFFIC



POINTERS 100 % ACCURACY IN TARGETING



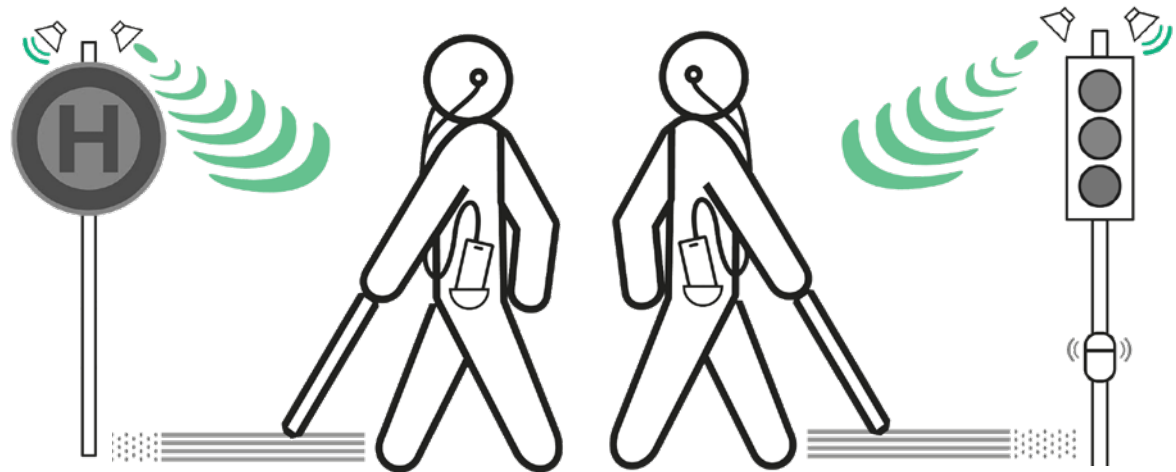
Real Life Experience combined with Real Time digital experience



World's 1st Digital- & Directional Localization Technology (DDL) for Reengineering POS Communication



pointer reaches the microphone input of the smartphone



pointer triggers the specific space in the database and initiates the content's transmission to the headset