

WHAT IS NAVILENS?

Empowering the visually impaired

Visually impaired people have difficulty using traditional signage and therefore cannot be autonomous in unfamiliar environments.

Visually impaired users can use NaviLens codes, as they do not need to know precisely where they are placed.

Just scan with your mobile camera and get the necessary information contextualized.



NaviLens is technology developed to empower people who are blind or have low vision and allows them to independently navigate unknown places by translating visual signage into audio messages. The technology consists of two mobile phone applications and a multi-colored QR-style code. The codes can be:

- Detected from up to 60ft away.
- Read and detect within 1/30th of a second,
- Read unfocused even when user is unaware a code is within range.
- Read from an angle of 160 degrees.
- Read in all light conditions.
- Provide the user with real-time information or any other information stored in code.
- Provide the user accurate orientation to the code.
- Provide audio or text messages in 36 different languages and utilize user's preferred phone language setting to deliver messages.



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For more information, please go to marysbraille.org