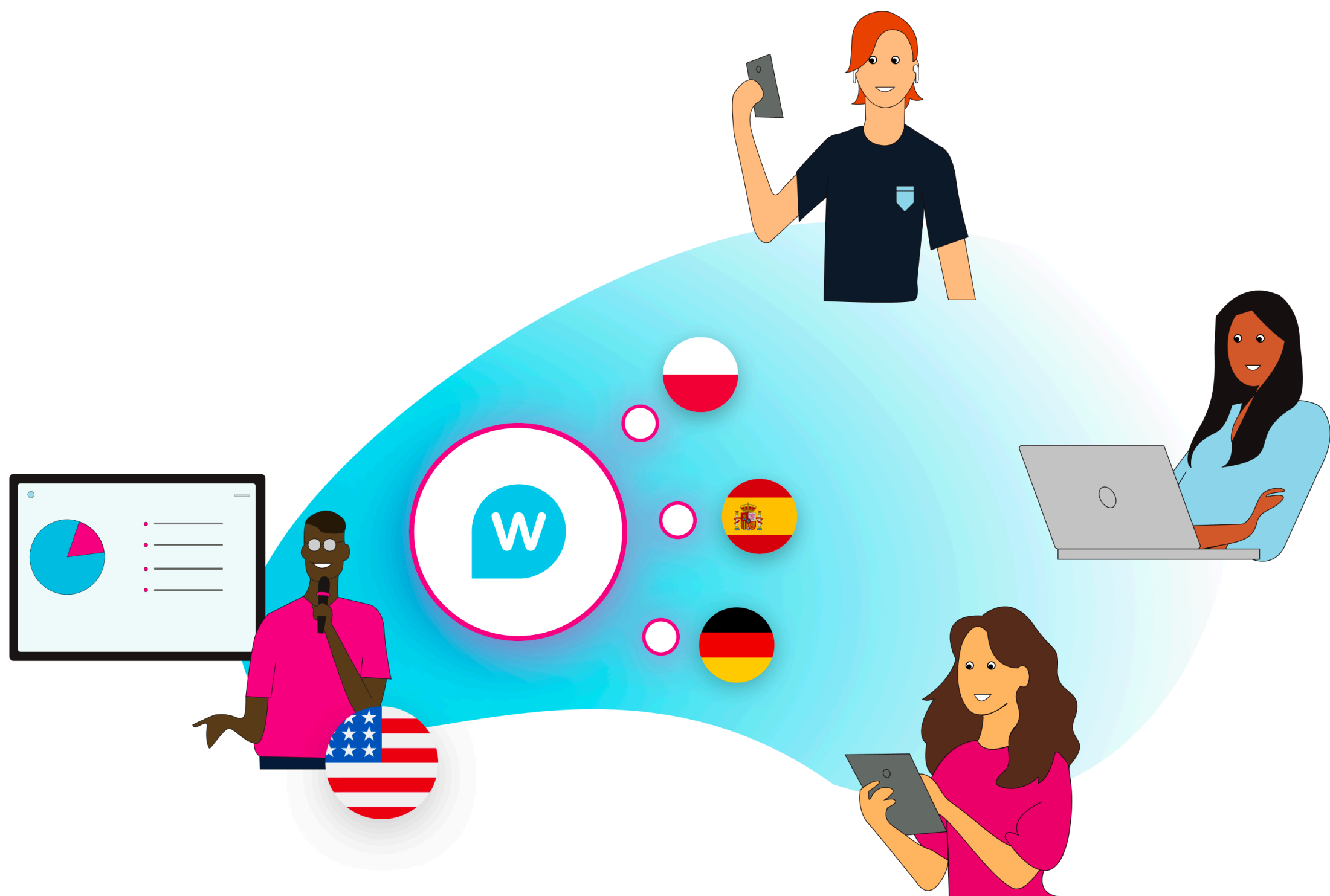# AI Captioning & Translation
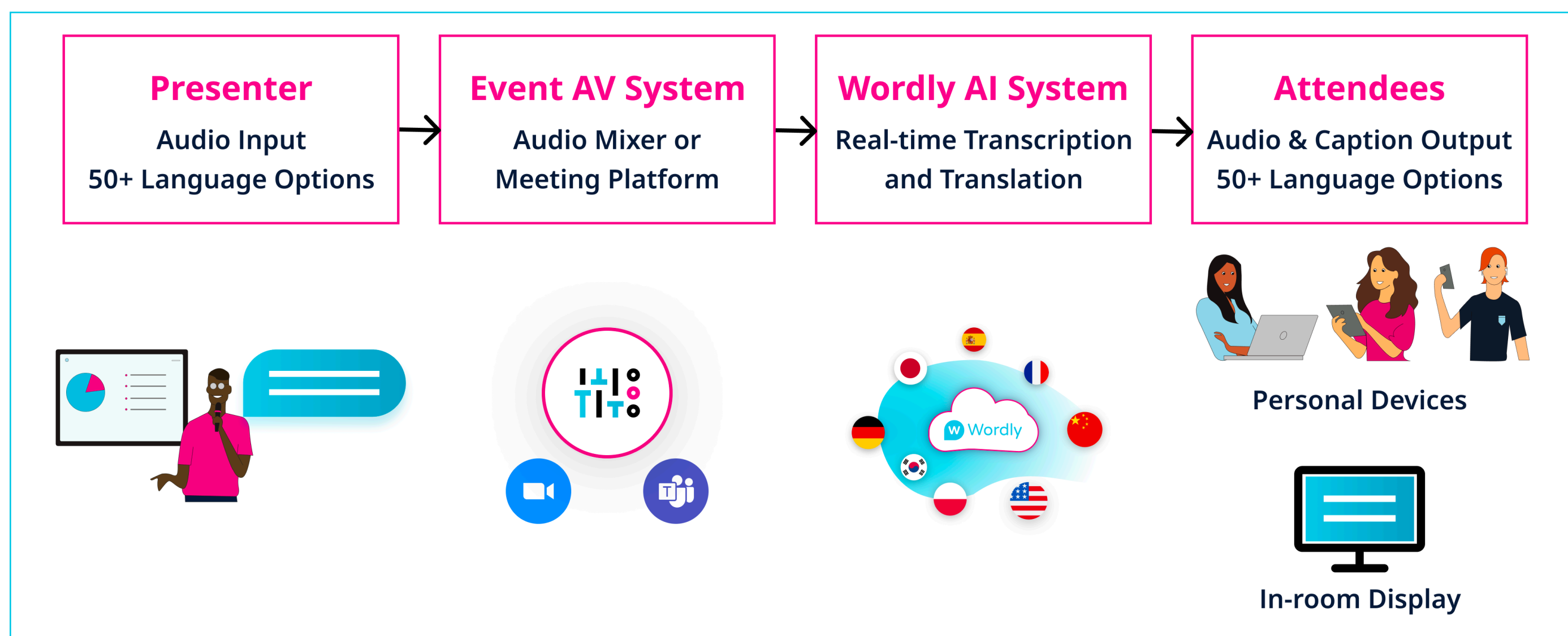# How it Works
In 4 Easy Steps

Wordly

Introduction

Navigating today's multi-national, multilingual world requires enhanced communication options. Organizations are going global with employees, partners, and customers located worldwide as powerful tools like video conferencing have made it easier to operate remotely. People from around the globe have also relocated and live in new areas where the primary language is different from what they are used to. Organizations need to bring these diverse communities together for a wide range of functions, but the effectiveness is often limited due to language barriers. Most businesses run their meetings and events in the headquarters language, such as English in the US, leading to lower engagement, comprehension, and inclusion with the participants.

Human interpretation is a good option for large, complex events which are planned months in advance and supported by large budgets and teams to coordinate all of the logistics. But the time and cost of offering human interpretation often makes this option not viable for private companies, industry associations, and local governments. This guide reviews how AI Captioning and Translation solutions work.

AI Translation and Captioning Solutions

A fast-growing option is AI translation, also known as Machine Interpretation. These tech solutions are powered by an Artificial Intelligence (AI) platform and integrated with a secure cloud infrastructure, removing the need for human interpreters and special equipment. AI translation is being implemented across a wide range of markets, including government, financial services, healthcare, technology, nonprofits, and religious organizations.

How AI-Powered Translation and Captioning Works

Presenter	Event AV System	Wordly AI System	Attendees
Audio Input 50+ Language Options	Audio Mixer or Meeting Platform	Real-time Transcription and Translation	Audio & Caption Output 50+ Language Options

Personal Devices

In-room Display

Step 1

The audio mixer is connected to a laptop which is used to log into the AI translation and captioning system. This helps ensure the AI system receives high quality sound input.

Step 2

The presenter(s) speak in their preferred languages during meetings. The AI system can manage participants speaking in multiple languages.

Step 3

The system uses AI technology to transcribe and translate the spoken content into the preferred languages for each participant. AI systems can process and translate speech simultaneously into dozens of languages. The caption output is displayed in less than 0.5 seconds, providing the output in near real-time. The translation software is capable of understanding different dialects and accents, so you can feel confident that the translation will be accurate and understood by all attendees.

Step 4

Attendees can read along with captions or listen with their ear buds in their preferred language on their own computer or mobile device. Attendees access the translation and captions by scanning a QR code with their phone or visiting a URL from their computer. Attendees can be either in person or attend virtually via Zoom or another meeting platform. The captions can also be displayed in multiple languages on monitors positioned around the council chambers so both council members and attendees can see them.

Benefits Of Using AI Translation and Captioning

1. **More Inclusive**

2. **More Accessible**

3. **More Engaging**

- Grow audience size

- Increase attendee engagement

- Improve attendee comprehension

- Increase accessibility and inclusivity

- Leverage a larger talent pool of presenters

- Audio, caption, and transcript output options

- Supports virtual, in-person, and hybrid events

- Works with any event platform – Zoom, Teams, Cvent

- Set up in minutes - no special hardware or sound booths

- Very affordable - get dozens of languages for one low price

- Meets enterprise class security and privacy compliance standards

About Wordly

Wordly provides industry leading AI-powered translation and captioning solutions for in-person events, virtual meetings, and video recordings. The Wordly platform provides live translation without the use of human interpreters - making it faster, easier, and more affordable to collaborate across multiple languages – leading to more inclusive, accessible, and engaging experiences. Speakers' words are automatically transcribed and translated into 50+ languages for attendees to choose from. Wordly is used by over 2 million people at businesses, associations, organizations, and government entities worldwide.

For more information, visit https://www.wordly.ai/.