In-Flight
Solution Setup

The configuration module is implemented in the device and within companion apps, with the processing module integrated into the audio stack of the IFE, enabling real-time audio adaptation.

CONFIGURATION

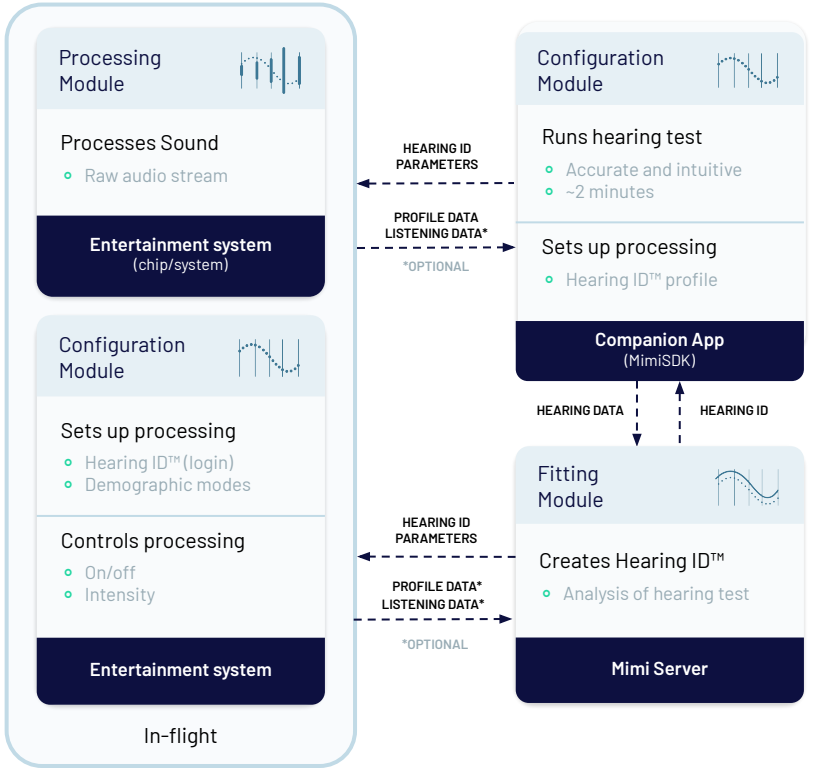
- **Hearing Test** measures the user's hearing ability through Mimi's intuitive and accurate hearing test
- **Hearing ID** a listener's hearing profile that enables sound personalization in all Mimi enabled devices
- **Demographic modes** age-based estimation of user hearing

FITTING

- **Data Analysis** informed by over 1 million hearing profiles, our server processes raw hearing data to generate results & the user Hearing ID™

PROCESSING

- **Audio processing** adapts sound to the unique hearing of the listener, with a biologically-inspired algorithm
- **Processing controls** allow users to set intensity and toggle on & off



In-Flight
Platform Specs

App Integration	Configuration module	
Operating system	iOS	Android
Integration language	Swift (4.2, 5.0)	Kotlin (1.3.21)
Supported OS	Min. iOS 10.x	Min. API 21 / 5.0 Lollipop
Supported architectures	arm64, armv7, armv7s;	armeabi-v7a, arm64-v8a, x86, x86_64
Required permissions	Microphone access	Microphone access
SDK size	~11.4 MB	~7.2 MB
MimiSDK version	v2.x (for Xcode 10.x)	v2.x (for Android Studio 3.5)

In-flight Integration	Processing module
Integration options	In-flight entertainment (system, media level)
Supported platforms	*Contact sales@mimi.io*
Algorithmic latency*	4.4ms (@44.1kHz)
Codecs	Independent of audio codecs

*Reference figures from Mimi standard integration.
This document provides detailed insights into Mimi's technical specifications regarding an in-flight integration.
The Mimi processing module can be ported to further platforms, with new solutions on the roadmap. Please contact sales@mimi.io for more details.