

# Combined Speech-to-Text and Speaker Diarization

## Setup

This application combines speech-to-text transcription and speaker diarization using Picovoice's Cheetah and Falcon engines.

AccessKey from [Picovoice Console](#): SKKjUwYUiU94grnjgsAltXIQDsjuY0aJsGsD1xhV

Initialize Engines

## Processing Mode

☐ Speech-to-Text Only ☐ Speaker Diarization Only ☒ Both (Transcription + Diarization)

## Audio Input

Upload Audio File:  download.wav

OR



Start Live Recording

Both processing tasks complete!

## Transcription Results

Hi there, I'm Jay with a teeny. Here for the service call. You must be Martha? Finally, yes, come in. The internet has been out since Tuesday and I'm about to lose my mind. I've got work deadlines and my son can't do his homework. I've been on the phone with customer service for hours, just getting the run around. It's been a nightmare. I understand your frustration. I've pulled up your account. It looks like the issue is a downed line somewhere in the neighborhood. Customer service can only do so much from their end, but I'm here in person to get this fixed. A downed line, that's what they told me on the phone, so why did it take for days to get someone out here? I was told this was a priority. I know it's not ideal, but sometimes these things take a little while to get on the schedule, especially with the weather we had. But let's not worry about that now. My job is to get your service restored. Can you show me where the modem is? It's in the living room. I just need this to be over. Please tell me you can actually fix it today? That's the plan. Let's take a look. Okay Martha, I've replaced the damaged section of the cable outside and replaced the connector on your modem. Everything looks good on my end, your wife is back up and running. Oh, thank goodness. It's actually working. I'm getting a full signal. You have no idea what a relief this is. Glad to hear it. I'll stick around for a few more minutes to make sure it holds steady and then close out the tickets. Honestly, I was so frustrated when you first got here, I was ready to just cancel my service, but you were so patient and professional. I really appreciate you getting this all sorted out. I get it. No problem at all. My job is to make sure you have the best service possible. Before I go, here's my card with my name and eighty support number. If you run into any more issues, don't hesitate to give them a call. Thank you so much Jay. You've been a lifesaver. You're welcome Martha. Have a great rest of your day.

## Speaker Diarization Results

Start Time (s)	End Time (s)	Speaker	Duration (s)
0.192	2.688	1	2.496
3.168	4.256	1	1.088
4.576	5.600	1	1.024
6.464	20.288	2	13.824
20.608	23.840	1	3.232

Start Time (s)	End Time (s)	Speaker	Duration (s)
24.544	33.056	1	8.512
33.600	41.184	2	7.584
41.536	50.240	1	8.704
50.624	52.768	1	2.144
53.120	53.472	1	0.352
53.504	54.848	1	1.344
55.296	61.024	2	5.728
61.376	63.232	1	1.856
63.872	73.472	2	9.600
73.792	79.904	2	6.112
80.320	85.440	1	5.120
86.176	95.936	2	9.760
96.384	97.120	1	0.736
97.600	98.432	1	0.832
98.752	101.312	1	2.560
101.856	109.216	1	7.360
110.400	112.544	2	2.144
112.992	113.952	1	0.960
114.048	115.328	1	1.280