snips

Let’s Talk

Embedded voice recognition software that adapts to your business, products and services
Your Embedded Voice Interface

No Strings Attached

What makes Snips different

Real-Time Performance
Customizable Experience
Offline and Embedded
Privacy by Design
A voice interface for the space around you

We believe in empowering businesses without sacrificing control of their brand identity, customers, or data. Our goal has always been to make technology so intuitive and natural that people no longer notice it. Snips is embedded voice recognition software that helps businesses do just that. Companies can create and customize entirely new experiences for their customers while ensuring maximum brand recognition, building deeper user relationships and protecting end-user data privacy.
Snips Brings Voice to the Edge
From Voice Commands to Natural Language

Snips is the first embedded solution to be able to cover the complete range of voice use cases from short commands to comprehensive natural conversation.

**Snips Flow**
Voice recognition software to control the smart home through natural language - no internet necessary

**Snips Commands**
Voice recognition software to control the smart home through natural language - no internet necessary

**Snips Satellite**
Create a private network of voice enabled devices that understand natural language

**Snips Wake**
Snips' patent-pending wake word engine is built on a reduced footprint, fit for deployment on small devices
Snips Flow

Voice Recognition software to control your products with natural language. No Internet necessary.

Tested and certified to run on

- Raspberry Pi 3 (BCM2837)
- Samsung Artik™ 530
- Samsung Artik™ 710
- Exynos5422
- Samsung Artik™
- NXP® i.MX 6DLite
- NXP® i.MX 7D
- NXP® i.MX 8M
- nVidia® Jetson TX2
- Actions® S500
- Intel Atom x7
- Broadcom® BCM7271
- Allwinner® A64
- Snapdragon™ 410
- Respeaker core v2
Snips Flow is an embedded natural language voice recognition solution that runs on-device with performance that is equivalent to or better than cloud-based solutions. Snips Flow can run on a wide range of hardware from a Raspberry Pi 3 to an NXP i.MX8.

**Key Features**
- Natural Language Understanding
- On-device training
- Private by Design
- End user customizable
- No Internet necessary
- Fully embedded
- Low latency
- EN, FR, DE, ES, IT and JP languages supported

**Requirements**

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Optimal</th>
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</thead>
<tbody>
<tr>
<td>ARM <a href="mailto:Dual-CortexA7@1.2GHz">Dual-CortexA7@1.2GHz</a></td>
<td>ARM <a href="mailto:Quad-CortexA53@1.5GHz">Quad-CortexA53@1.5GHz</a></td>
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<tr>
<td>(4500 DMIPS equivalent)</td>
<td></td>
</tr>
<tr>
<td>128MB RAM / 58MB</td>
<td>128MB / 256MB RAM / 58MB</td>
</tr>
<tr>
<td>+ Assistant size (1 to 15MB)</td>
<td>+ Assistant size (up to 100MB)</td>
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</table>

**Performance**
Throw me some Aretha Franklin on the radio
Snips Commands

Embedded voice commands customized for your product functions and bill of materials

Tested and certified to run on

NXP Flagship MCU Voice platform
i.MX RT1050
i.MX RT1060
i.MX RT600

ST Flagship MCU Voice platform
STM32H7
STM32F7
STM32F4
Performance

Easily add voice intelligence to your MCU based products and services without compromising latency or usability.

Key Features

- Fully embedded
- Private by Design
- Low latency
- Cost effective
- Customizable per device functions
- Sequential commands
- Simple dialogue support
- Plug and play
- 66 languages and dialects supported

Requirements

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Wake Word + up to 10 commands</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM Cortex-M4@100MHz (125DMIPS)</td>
<td>70KB RAM / 1MB Flash</td>
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</table>

<table>
<thead>
<tr>
<th>Optimal</th>
<th>Wake Word + up to 30 commands</th>
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</thead>
<tbody>
<tr>
<td>ARM Cortex-M7@200MHz(400DMIPS)</td>
<td>70KB RAM / 2MB Flash</td>
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</table>
Snips Satellite
Lightweight and closed circuit wireless voice streaming
to any Snips Flow device

Key Features

- Low power ASR streaming
- Add NLU capabilities to MCU devices
- Create close circuit voice network
- Multi-protocol
- Offline
- Private by Design
- Real-time

Requirements

Hardware
ARM Cortex-M7@200MHz(400DMIPS)
110KB RAM / 1MB Flash

Book me the conference room at 2pm tomorrow
Snips Wake
State-of-the-art wake word technology that you can customize and tailor to your brand

Key Features
- Custom generic and branded wake words
- Private by Design
- Multi wake word gateway
- Next generation technology
- Zero latency
- Cross-platform
- 100% local

Requirements

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Optimal</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM Cortex-M4@100MHz</td>
<td>ARM Cortex-M7@200MHz (400DMIPS)</td>
</tr>
<tr>
<td>70KB RAM / 300KB Flash</td>
<td>70KB RAM / 1MB Flash</td>
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</tbody>
</table>

Hey Snips
Add 2 bottles of milk to my shopping list
Snips has developed a state-of-the-art local voice capability, and the tools associated with implementing that capability.

Denis Cabrol  
GM of IoT Solutions at NXP

Choosing Snips as a partner means opening up our customers to a technology that protects their data sovereignty, adapts to fit their specific domain and use case and delivers in both B2B and B2C environments.

Fabrice Dewasmes  
Director of Innovation at Smile

At Engie, we needed a voice recognition system that could be adapted to energy services. When we found and worked with Snips, we not only found a solution that was adaptable to our use case but that could work completely offline with high performance and protect end user data.

Martial Archenault  
Director at ENGIE Lab Cylergie

Snips brings real differentiators to the market on several points. Notably on being 100% embedded, end-user privacy protection and personalization. They are a real alternative in the voice space (and their responsiveness is second to none!)

Denis Vanbeselaere  
Head of Innovation at Auchan

At Engie, we needed a voice recognition system that could be adapted to energy services. When we found and worked with Snips, we not only found a solution that was adaptable to our use case but that could work completely offline with high performance and protect end user data.

Martial Archenault  
Director at ENGIE Lab Cylergie
# How Snips Stacks Up

<table>
<thead>
<tr>
<th>Feature</th>
<th>Snips</th>
<th>Nuance</th>
<th>Amazon</th>
<th>Google</th>
<th>Houndify</th>
<th>Sensory</th>
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<tbody>
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<td>Voice Commands</td>
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<td>Custom Wake Words Per Company</td>
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<td>●</td>
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<tr>
<td>Personalized Vocabulary Per User</td>
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<tr>
<td>1-Click Data Generation Text/Audio</td>
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<td>Multi-Room Functionality</td>
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<tr>
<td>Fixed Cost</td>
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<td>●</td>
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<td>Open Developer Community 16K+ Developers</td>
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<tr>
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<tr>
<td>Private By Design MCU</td>
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</table>

- **Globe**: Number of languages
- **Circle**: Available
- **Gray Circle**: Limited
- **Empty Circle**: Unavailable
Winner of CES 2019 Best of Innovation Awards in the "Embedded Technology" Category

Snips Wins Best of Innovation at CES 2019

Out of thousands of companies all over the world, Snips has been awarded the prestigious Best of Innovation Award in Embedded Technology category at CES 2019! The CES Innovation Awards is an annual competition celebrating outstanding product design and engineering in brand-new consumer technology products.
Paris
18 rue Saint Marc
75002 Paris France

New York
33 Greene Street
New York 10013
United States

Just a few of the companies that trust Snips

Snips has partnered with global companies including

letstalk@snips.ai  snips.ai/enterprise