

Cognitive Services

Infuse your apps, websites and bots with intelligent algorithms to see, hear, speak, understand and interpret your user needs through natural methods of communication. Transform your business with AI today.

Try Cognitive Services for free >

Explore Cognitive Services:

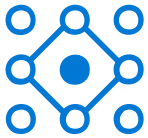
Directory (</en-us/services/cognitive-services/directory/>)

Pricing (</en-us/pricing/details/cognitive-services/>)

Documentation (<https://docs.microsoft.com/en-us/azure/cognitive-services/>)

Try Cognitive Services - including 12 new services - free for 12 months with an Azure free account (</en-us/free/services/cognitive-services/>)

Use AI to solve business problems



Decision (/en-us/services/cognitive-services/directory/decision/)

Build apps that surface recommendations for informed and efficient decision-making.



Vision (/en-us/services/cognitive-services/directory/vision/)

Recognize, identify, caption, index, and moderate your pictures, videos, and digital ink content.



Speech (/en-us/services/cognitive-services/directory/speech/)

Convert speech into text and text into natural-sounding speech. Translate from one language to another and enable speaker verification and recognition.



Search (/en-us/services/cognitive-services/directory/search/)

Add Bing Search APIs to your apps and harness the ability to comb billions of webpages, images, videos, and news with a single API call.



Language (/en-us/services/cognitive-services/directory/lang/)

Allow your apps to process natural language with pre-built scripts, evaluate sentiment and learn how to recognize what users want.

"Because the Cognitive Services APIs harness the power of machine learning, we were able to bring advanced intelligence into our product without the need to have a team of data scientists on hand."

Aaron Edell, Chief Product Owner, GrayMeta



FREE DOWNLOAD

Download the e-book (</en-us/resources/learning-azure-cognitive-services/>)

Kick off your artificial intelligence (AI) development with this comprehensive guide to integrating and combining intelligent APIs available through Azure Cognitive Services. Whether through computer vision, speech recognition and language processing, or knowledge and search, you'll gain a deeper understanding of what's possible. You'll learn about identifying through visual inspection and audio, reducing user effort by building AI-like capabilities, analyzing images and text in different ways, and using search APIs to find the information you need.

Cutting-edge tech companies use Microsoft APIs every day

UBER



PIC•COLLAGE



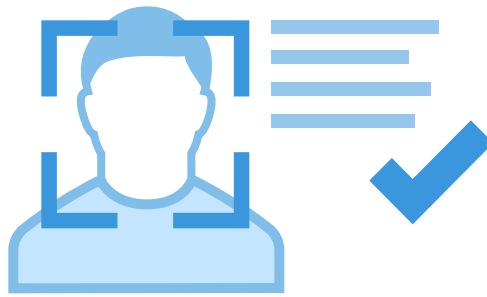


Explore the case studies >

Enhance security with a face

Use the Face API to verify a selfie for smart authentication. Signing in with visual identity verification is becoming an additional security layer for many industries. Microsoft's Face API can compare portraits giving it amazing flexibility in uncontrolled scenarios.

See how UBER is doing this right now! (<https://customers.microsoft.com/en-us/story/731196-uber>)



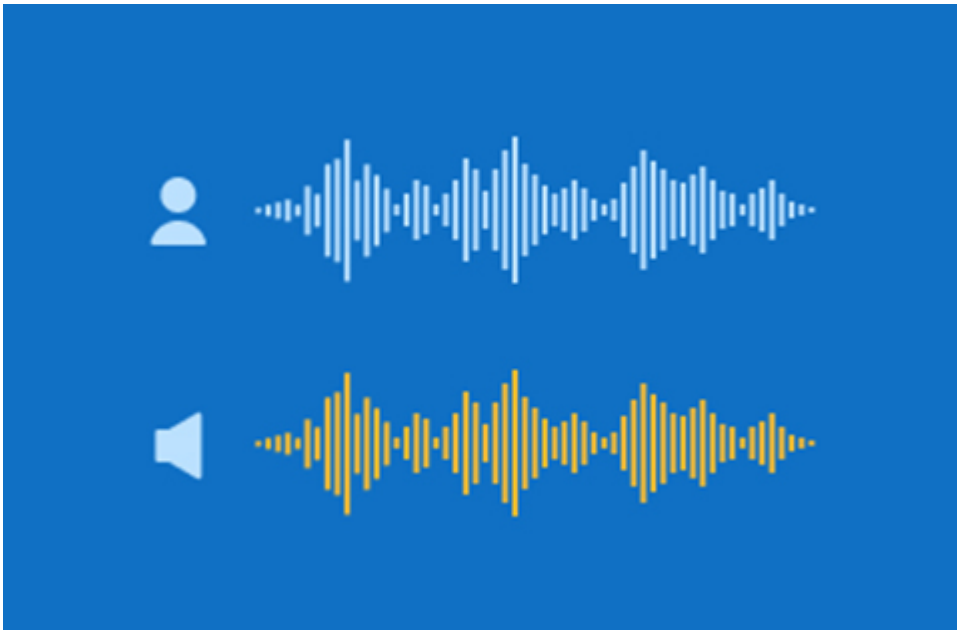
Engage your customers through chat

Bring together Cognitive Service APIs and Bot Framework to engage your audience on a whole new level. Build a bot that embodies your brand, addresses your customers' main questions and escalates to a human operator if needed.

See how Dixons Carphone is doing this right now! (<https://customers.microsoft.com/en-us/story/dixons-carphone-retail-cognitive-services>)



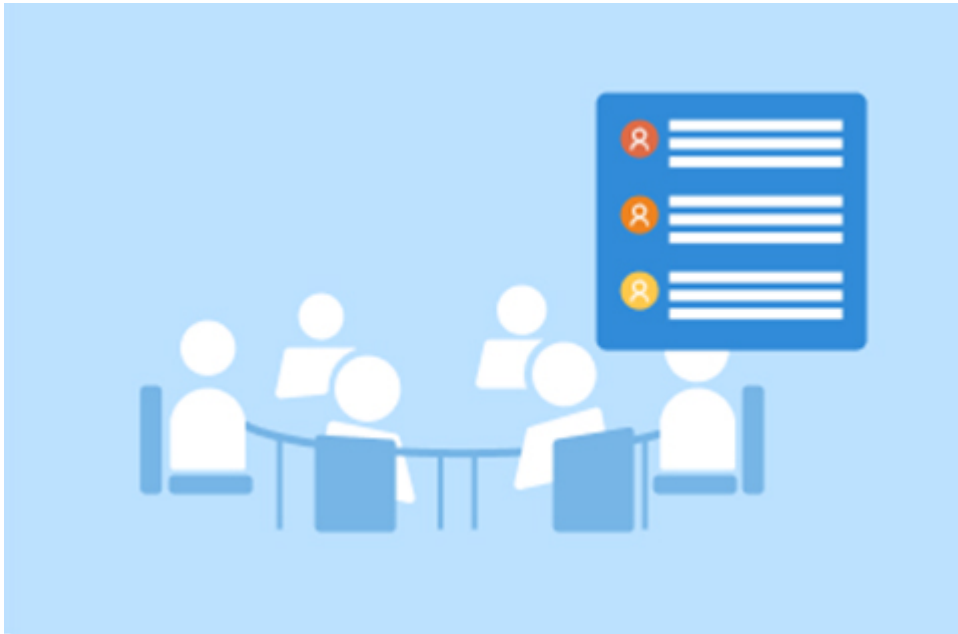
Explore our featured demos



Neural Text to Speech

Applying the latest in deep learning innovation, the Neural Text to Speech capability makes the voices of your apps nearly indistinguishable from recordings of people. The natural inflection and clear articulation significantly reduce listening fatigue when interacting with AI systems.

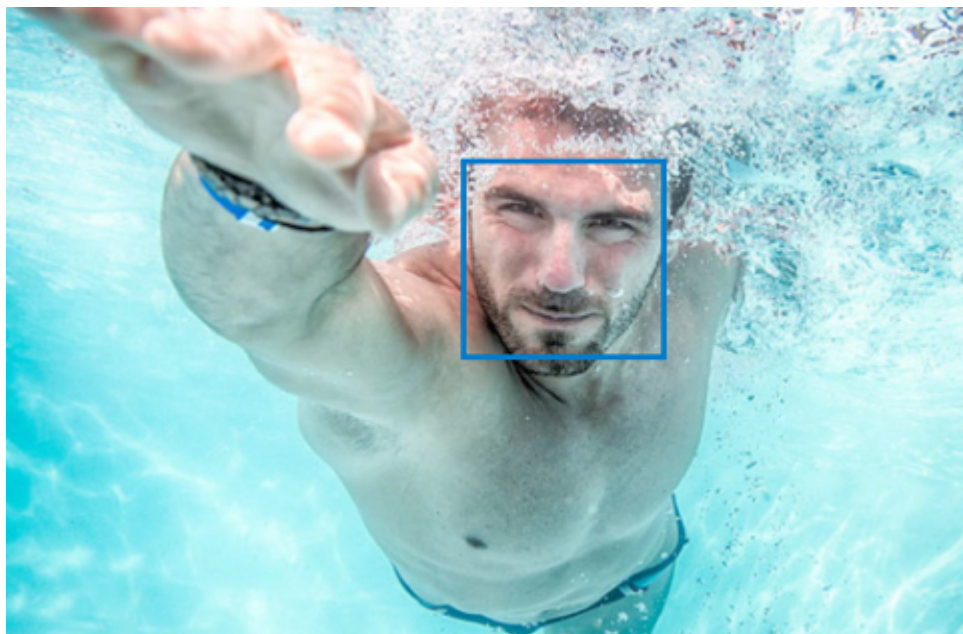
Explore the Neural Text to Speech demo (</en-us/services/cognitive-services/text-to-speech/>)



Conversation Transcription PREVIEW

Get the most out of every minute. Combine Conversation Transcription with the Speech Services Device SDK to support meeting scenarios so participants can equally engage in the discussion, know who said what when, and quickly follow up on next steps.

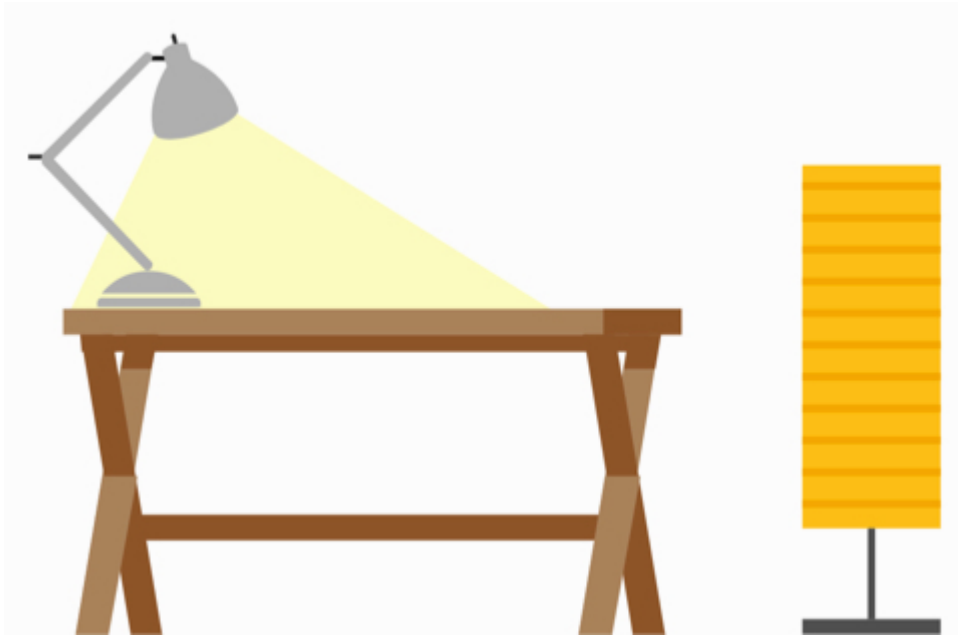
Explore the Conversation Transcription demo (</en-us/services/cognitive-services/speech-to-text/>)



Computer Vision

This feature returns information about visual content found in an image. Use tagging, descriptions, and domain-specific models to identify content and label it with confidence.

Explore the Computer Vision API demo (</en-us/services/cognitive-services/computer-vision/>)



Language Understanding (LUIS)

Our Language Understanding service (LUIS) provides simple tools that enable you to build your own language models, which allow any application or bot to understand your commands and act accordingly.

Explore the LUIS demo (</en-us/services/cognitive-services/language-understanding-intelligent-service/>)



Speaker Recognition PREVIEW

Identify who is speaking. Input audio of the unknown speaker is paired against a group of selected speakers, and in the case there is a match found, the speaker's identity is returned.

Explore the Speaker Recognition API demo (</en-us/services/cognitive-services/speaker-recognition/>)

Get started by choosing a service that is right for you

Every service is available to try for free. Create your AI solution today

Cognitive Services are part of the Microsoft AI Platform

Services

Compose intelligent applications, customized to your organization's availability, security, and compliance requirements.

Infrastructure

Services and tools backed by best-of-breed infrastructure enterprise grade security, availability, compliance and manageability.

Tools

Leverage a set of comprehensive tools and frameworks to build, deploy and operationalize AI products and services at scale.

Microsoft AI Platform >

Information

Cognitive Services Blog (</en-us/blog/topics/cognitive-services/>)

Cognitive Services Documentation (<https://docs.microsoft.com/en-us/azure/cognitive-services/>)

Pricing (</en-us/pricing/details/cognitive-services/>)

Using Cognitive Services in Azure (<https://docs.microsoft.com/en-us/azure/cognitive-services/welcome>)

Video library (</en-us/resources/videos/home/>)

Resources

Stack Overflow (<https://stackoverflow.com/questions/tagged/microsoft-cognitive/>)

Feedback (<https://cognitive.uservoice.com/>)

SDKs (<https://docs.microsoft.com/en-us/azure/#pivot=sdktools>)

Support

Knowledge center (</en-us/resources/knowledge-center/>)

Support community (<https://stackoverflow.com/questions/tagged/microsoft-cognitive/>)

Support plans (</en-us/support/plans/>)