

The Next "Internet"?

Desktop

1990s: Internet Search • User "visits" websites 1980s: **PC**

The future: **Conversations**

- Natural language between people and technology
- Conversational canvas
- Bots and agents

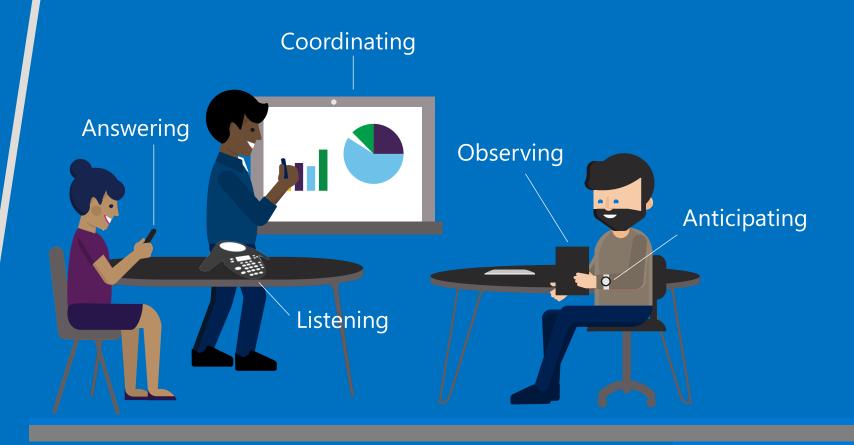


- 2000s: Mobile
- Social
- User download apps from App Stores

- Perform one or more automated tasks
- Use conversation as the interface
- For both employees and customers

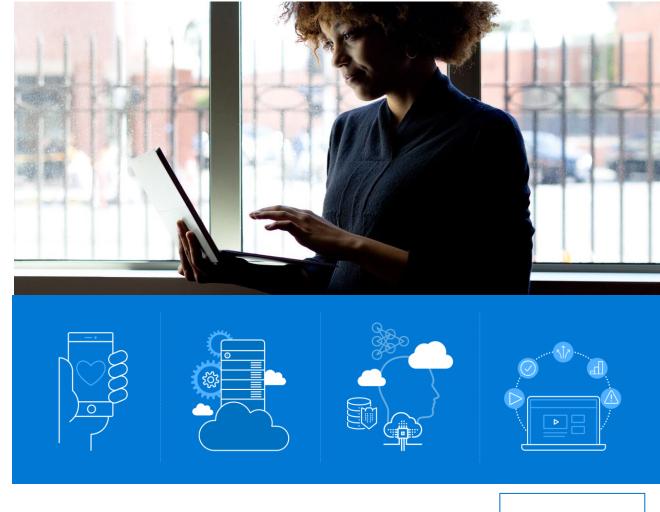


- Conversational apps are a category of Al-based application solutions
- Imagine if technology could learn from us and discover ways to be helpful



It delivers a new Enterprise user experience...

- Personal: Integrate data and use it to personalize all the interaction points
- Proactive: Use artificial intelligence to anticipate and enhance service customer needs
- Productive: Enhance productivity through task automation and automated workflows and reduce the need for human assistance
- Natural: Engage with customers and users in a natural way, conversationally and in context
- Dynamic: Continuously measure and evolve experiences for continuous improvement



Secure User Centric Experience

Open and scalable cloud platform

Data-driven intelligence

Continuous innovation

..To unleash Business Value

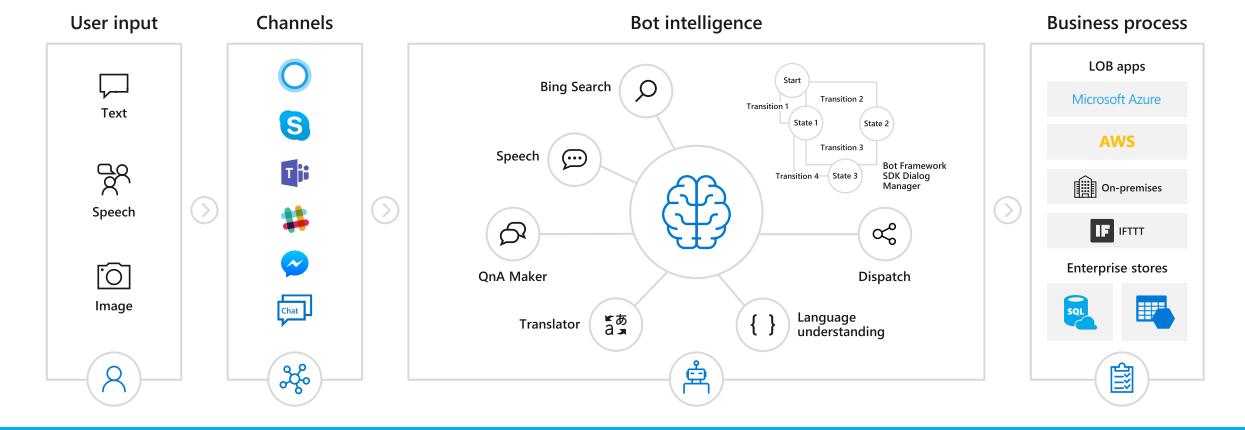


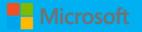
Reimagining the customer journey



A Complete Bots & Conversational AI Solution

Framework + Azure Bot Service + Cognitive Services + Data Platform





Creating your Bot & Conversational Al

Microsoft Bot framework



Bot Builder SDK

Build and connect intelligent bots

Powerful, easy-to-use framework

Start quickly with samples and templates

Open source on GitHub

Supports C# (optionally Java, Python, or Node.JS)



Azure Bot service

Accelerated development

Give your bot intelligence with Microsoft Cognitive Services

Engage your audience, wherever they are



Channels

Connect your bot to Microsoft Teams, Skype, Cortana, or other channels

Configure channels via
Microsoft Azure Bot Service

User discovery of bots

Adding Intelligence: Bots are gateways to Al Services



Language Understanding Intelligent Service

Teach your apps to understand commands from your users



Cognitive Search

Integrate search into a conversational experience



QnA Maker

Distill information into conversational, easy-to-navigate answers



Your Own Machine/Deep Learning Model

Link data sources and model to suit your business processes



Bing Speech API

Convert speech to text and back again, and understand its intent



Speaker Recognition Give your app the ability to know who's talking



Translator

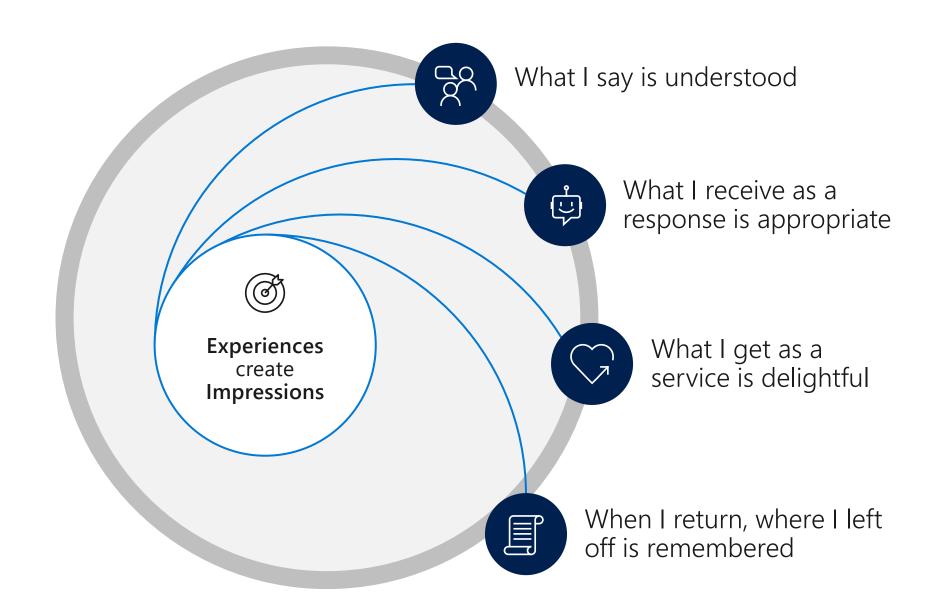
More easily perform speech and text translation



Custom Speech Service

Fine-tune speech recognition for anyone, nearly anywhere

Hey bot.
Here's what I expect in a conversation



Full Bot Lifecycle, integrated with Azure.







Bots are very effective on Azure...

... but Azure is not required.

Cognitive Services drive Conversational Al

LUIS for Natural Language Understanding On A Maker for Ouestion/Answer Bots Azure Search for Bots over unstructured data Speech. Vision. Emotion. Etc., etc.

Integrate with Custom Devices

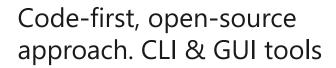












Enterprise Grade SLA. Compliance and support for all services

Multi-lingual bots through advanced MT techniques

60 + Languages

Customizable for specific languages and problems unique to Bots.

Multiple Channels



Bot

Framework















Top scenarios per industry

1,000+ companies engaging us

Scenario	Retail	Finance	Insurance	Telecoms	Government	Automotive	Manufacturing	Healthcare	Media	Events
Customer service	~	✓	~	~	~	✓	~	~		~
Customer retail	~	✓	~	~				~		
Audio/speech analysis	~	~	~	~	~				~	
Translation		~	✓							
Surveillance		~			~					
Knowledge extraction		~	~	~			~			
Video/photo analysis		~			~				~	
Product identification	~						~	~		
Digital assistant						✓				
Footfall analysis	~									~
HD maps and object detection						~				

Examples of Bots & Conversational Al

Internal bots Experiment and learn

Internal knowledge

Take existing FAQs and empower staff to provide self-serve knowledge via bots

IT helpdesk

- Report an IT problem and check its status
- Bots can provide self-help and escalation to the engineer if required

Smart document agent

Search relevant documents based on the user's needs

Simple customer bots Unauthenticated services

General enquiries

Handle basic customer enquiries traditionally hidden in FAQs

Appointment booking

Handle simple "anonymous" tasks via chat (i.e., booking an appointment)

Complex enquiries

For requests that a bot cannot complete, hand off to a human agent

Advanced bots

Experiment and learn

Account enquiry

Handle enquiries that require identification of the customer (i.e., account balance enquiry)

Make payment

Perform actions that require a user to be authenticated and authorized (e.g., make payment to predefined payee)

Retail-bot

Recommend products and Services. Send a customer with a new device to a stall to help them set up their services

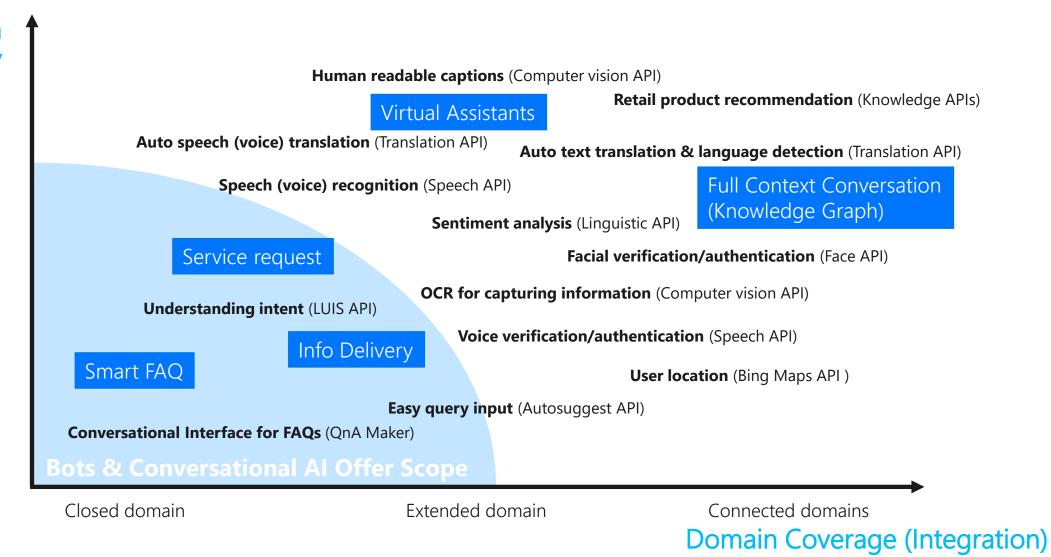
Increasing Bot Maturity Level Simply Using Microsoft Cognitive APIs

Conversation Complexity

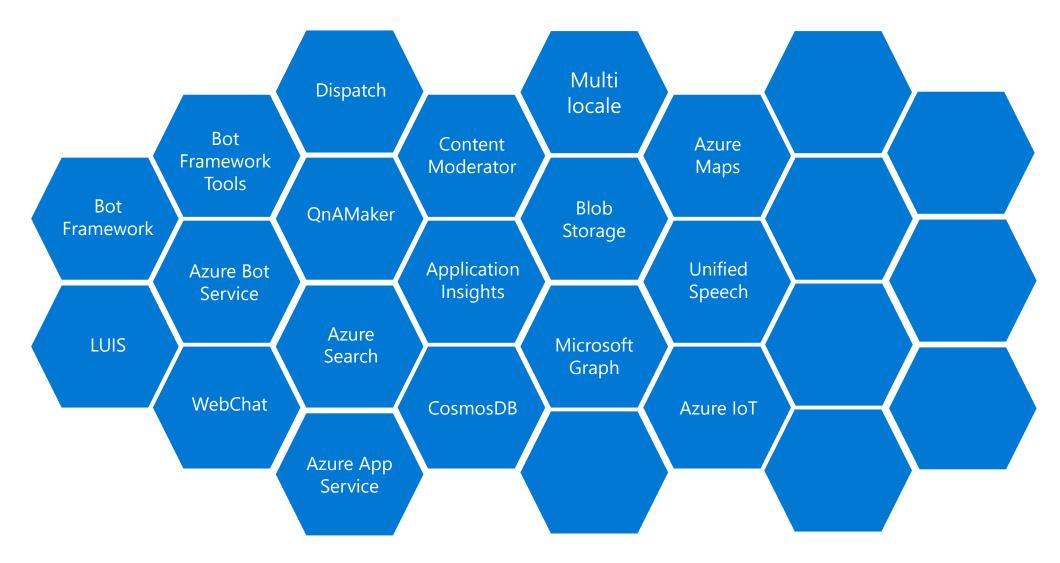
Complex transactions

Make requests

Simple FAQ



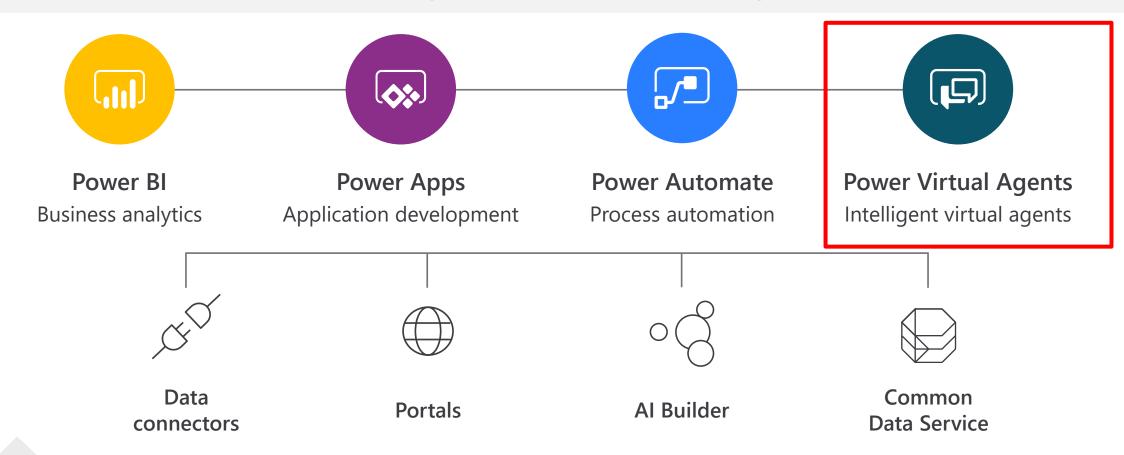
The challenge of building a Virtual Assistant



Opción 1

Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications Innovation anywhere. Unlocks value everywhere.



Build intelligent no code chatbots with Power Virtual Agents



Democratize AI

Empower your subject matter experts to easily create powerful bots using a guided, no-code graphical interface. No need for developers or data scientists.



Engage Naturally

Engage with customers and employees conversationally. Resolve routine issues easily, freeing up staff to focus on complex matters



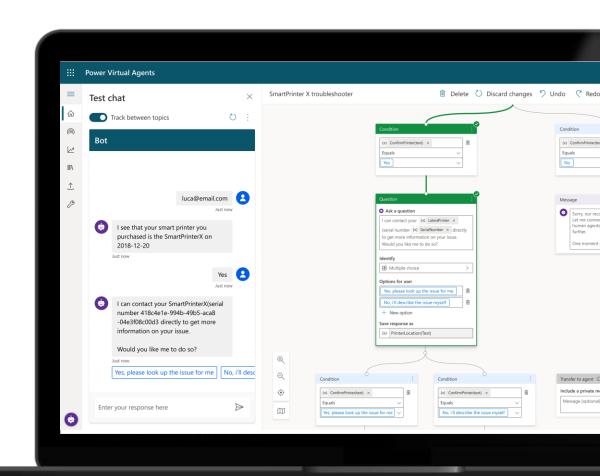
Continually Enhance

Point the AI to your website, and automatically build topics to get started with a few clicks. As the bot gets used, powerful metrics and insights help tell you what topics to build next.



Take Action

Connect to your backend systems with a few clicks using the hundreds of connectors that come with Power Platform – or call APIs and custom workflows using Power Automate.



DEMO

Learn more about Microsoft Power Virtual Agents



Visit Power Virtual Agents to learn more and request a demo https://aka.ms/TryPVA



Technical details about the application are available in our help documentation https://aka.ms/PowerVirtualAgentsDocs

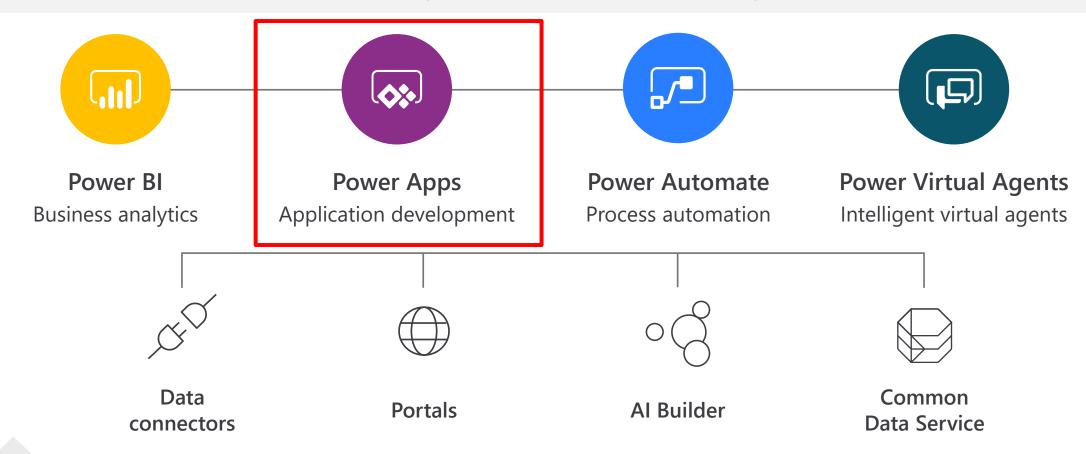


For questions please engage in our Community forum https://aka.ms/PowerVirtualAgentsForum

Opción 2

Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications Innovation anywhere. Unlocks value everywhere.



Cognitive Services capabilities

Infuse your apps, websites, and bots with human-like intelligence



Vision

Object, scene, and activity detection

Face recognition and identification

Celebrity and landmark recognition

Emotion recognition

Text and handwriting recognition (OCR)

Customizable image recognition

Video metadata, audio, and keyframe extraction and analysis

Explicit or offensive content moderation



Speech

Speech transcription (speech-to-text)

Custom speech models for unique vocabularies or complex environment

Text-to-speech

Custom Voice

Real-time speech translation

Customizable speech transcription and translation

Speaker identification and verification



Language

Language detection

Named entity recognition

Key phrase extraction

Text sentiment analysis

Multilingual and contextual spell checking

Explicit or offensive text content moderation

PII detection for text moderation

Text translation

Customizable text translation

Contextual language understanding



Knowledge

Q&A extraction from unstructured text

Knowledge base creation from collections of O&As

Semantic matching for knowledge bases

Customizable content personalization learning



Search

Ad-free web, news, image, and video search results

Trends for video, news

Image identification, classification and knowledge extraction

Identification of similar images and products

Named entity recognition and classification

Knowledge acquisition for named entities

Search query autosuggest

Ad-free custom search engine creation

DEMO

Opción 3

Solutions Team: Templates and Solution Accelerators

To help more businesses and customers succeed with great conversational experiences, we are creating a series of Templates to greatly simplify getting started and Solutions to help enable complex new scenarios.

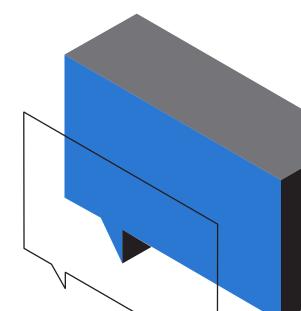
Bringing together all the best practices and supporting components we've identified through building the first wave of Conversational Experiences.

Templates

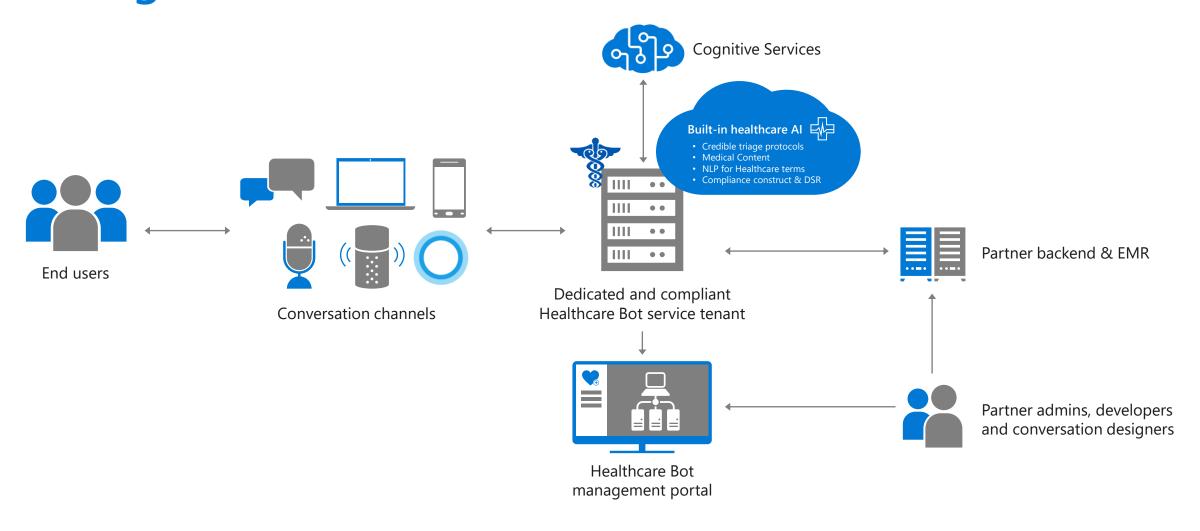
- Basic
- Enterprise
- Customer Support

Solutions

Virtual Assistant



Healthcare Bot service securely delivers healthcare intelligence at scale



DEMO

Preguntas?