

Experience the Microsoft Cloud

Digital Transformation in Action!

創新雲端感知服務· 引領數位轉型新契機

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Microsoft Corporation







雲端服務引領數位轉型



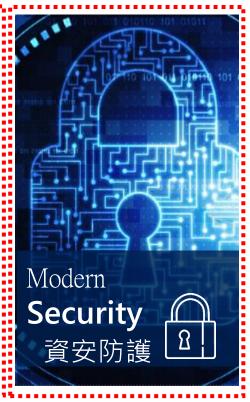
Digital Transformation in Action! 引領數位轉型





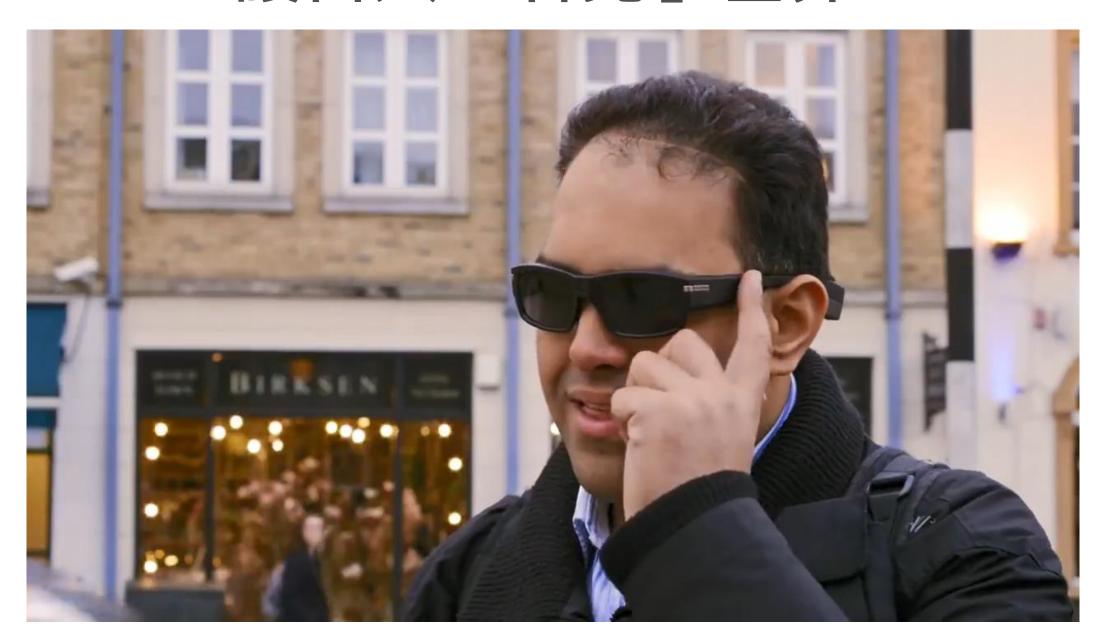






- 提供您一氣呵成且即 時的顧客滿意度分析
- 提升行動生產力,讓您 的員工不在辦公室,也 能辦公
- 透過「對話即平台」讓聰明的對談機器人,幫助您 提供更有嶄新互動體驗的 客服,同時可優化您公司 內部部門間的運作
- 幫助您傾聽社群聲音,更了解您的顧客心聲,可進一步 精準進行產品轉型
- 透過防護(Protect)、偵測(Detect)及回應(Respond)三個面向,幫助您佈署全方位安全守衛,資安防護不漏接

讓盲人「看見」世界



Microsoft Cognitive Services

讓您的 Apps 增添感知,更 有生命力

Cognitive Services 感知服務



Vision

讓您的 Apps 了解圖片與影片的內容



Speech

語音轉文字、文字轉語音、翻譯



Language

文字語意分析,讓 Apps 了解用戶文字的意涵



Knowledge

彙整來自網路、學術研究與您自己所 累積的知識與資料



Search

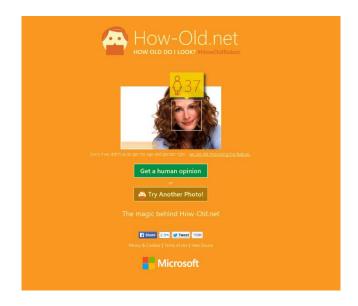
Bing API - 網頁、圖片、影片、新聞搜尋

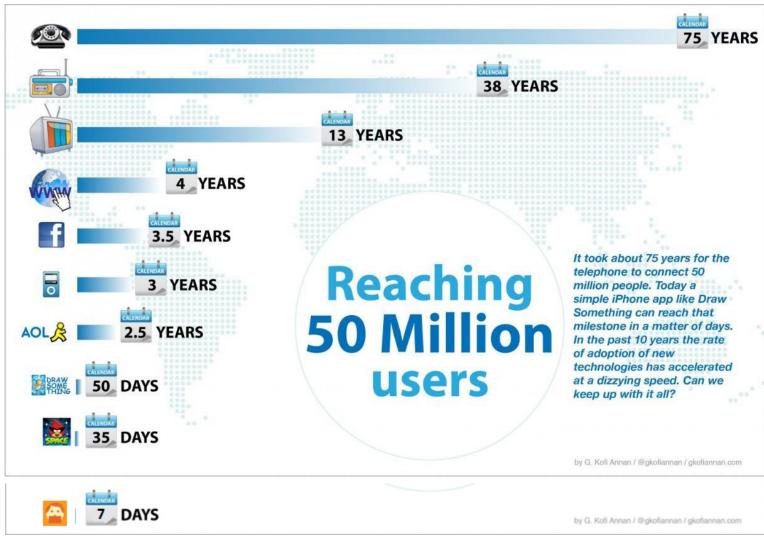
Microsoft Cognitive Services 感知服務

microsoft.com/cognitive

Vision	Speech	Solution Solution Solution	** Knowledge	Search
電腦視覺	自訂語音辨識	Bing 拼字檢查	學術論文分析	Bing 網頁搜尋
情緒辨識	以語音辨識發話者	語意分析	英文字關聯分析 Entity Linking	Bing 圖片搜尋
人臉辨識	Bing 語音辨識	理解人類語言 LUIS	互動式搜尋	Bing 影片搜尋
影片辨識	Bing 即時翻譯	文字分析	推薦	Bing 新聞搜尋
		WebLM 網頁英文 文字解析		Bing 自動推薦

史上最快達到50 million 用戶人臉辨識的應用

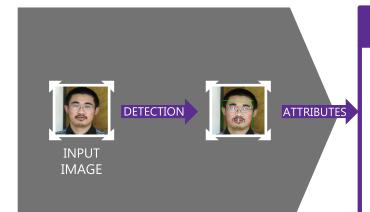




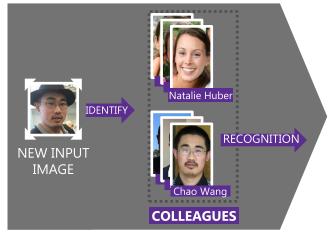


情感辨識









臉部辨識

Face Rectangle – width; height; left; top Attributes:

- Age 31
- Gender Male

Face Landmarks –pupil, nose, mouth

身份群組









身份驗證

He is Chao Wang...



重新想像一下那實體/虛擬通路可以如何改造呢

- 客服值班/領號Kiosk更智慧
- 財富管理更精準
- 智慧分行更有溫度
- 智慧零售體驗店



Please try vision optical character recognition demo by uploading a local image, or providing an image URL





Try vision feature analysis demo by uploading a local image, or providing an image URL





Try vision thumbnall demo by uploading a local image, or providing an image URL.





Try face detection demo by uploading a local image, or providing an image URL.





Upload two local images with different illumination or different face view angles, or provide the image URLs, you can get the comparing and identifying results.





Try the emotion recognition demo by uploading a local image, or providing an image URL.



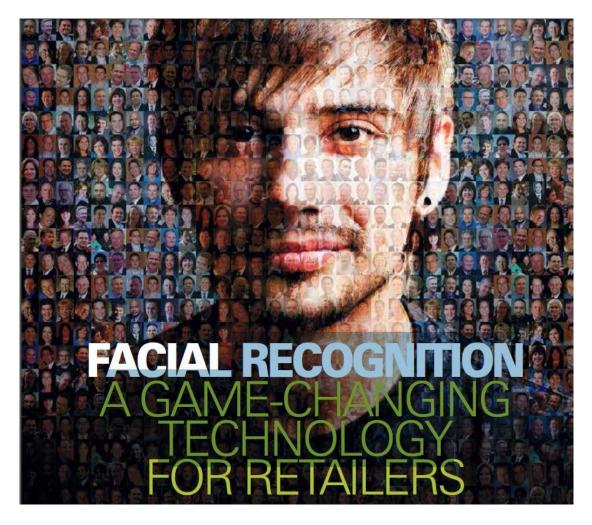


See the face detection and tracking demo or a sample of videos



Motion Detection

View motion detection in action on a samp of videos



重新想像一下那產業可以如何升級呢

- 智慧城市
- 智慧建築
- 智慧家庭
- 智慧汽車









Try vision feature analysis demo by uploading a local image, or providing an image URL.





Try vision thumbnall demo by uploading a local image, or providing an image URL.





Try face detection demo by uploading a local image, or providing an image URL.





Upload two local images with different illumination or different face view angles, or provide the image URLs, you can get the comparing and identifying results.





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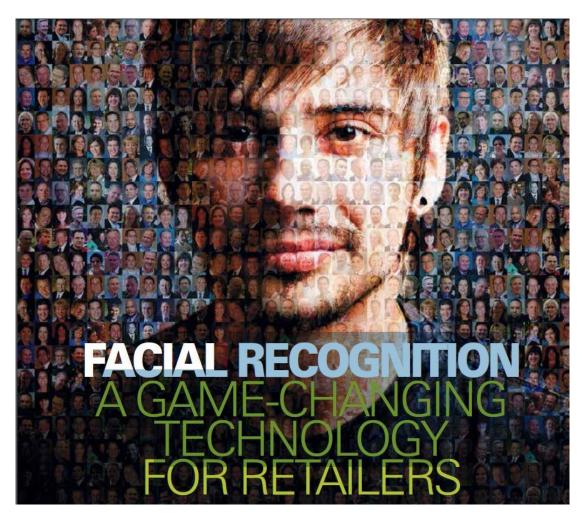


See the face detection and tracking demo or a sample of videos



Motion Detection

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情境(I)

新一代分行/服務據點-

客戶滿意度調查



NFC tag with identity



以往: 我們透過問卷型式收集客戶意見



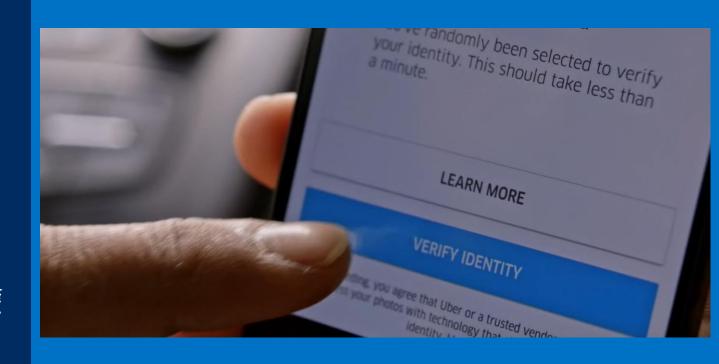
現在: 利用人臉情緒識別在第一時間了解現場狀況





情境(II)

Uber 如何運用 Microsoft Cognitive Services 人臉辨識,驗 證司機身份提高乘車安全



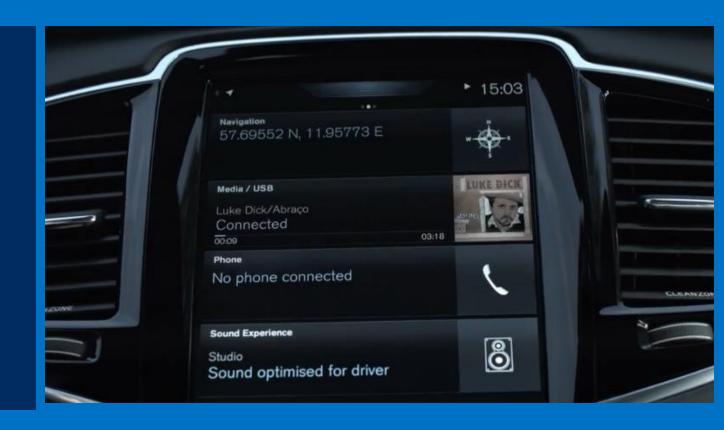
Powered by Microsoft Cognitive Services Uber begins using driver selfies to enhance security





應用情境(III)

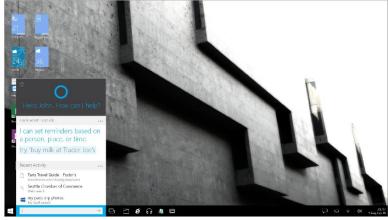
車聯網/車控機應用



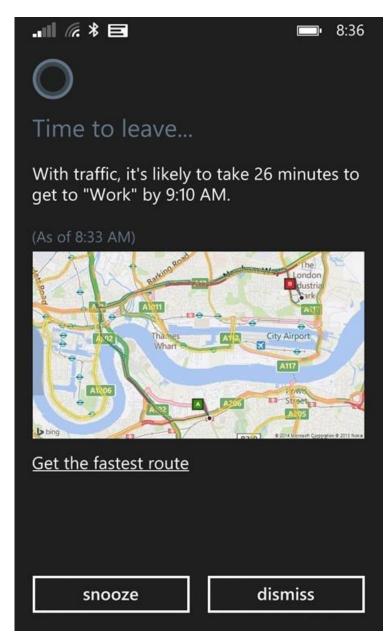


原型車







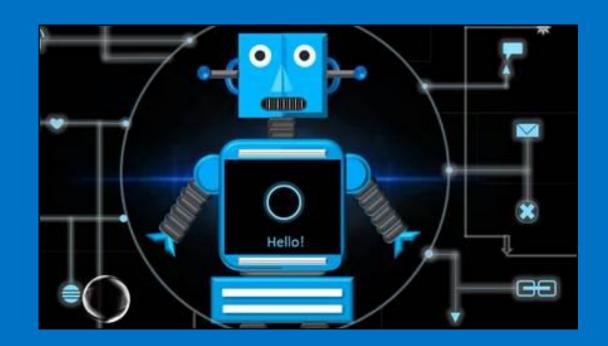




應用情境(IV)

Chatbot 智慧對談機器人

Conversion as a Platform





簡單易用

以 HTTP 通訊協定 REST 方式提供 API 僅需幾行程式碼即可呼叫

跨平台跨語言

能夠支援 iOS, Android, Windows 與各種網頁開發技術

支援任何能夠使用 HTTP 之程式語 言與平台

經過市場驗證

以微軟研究院,Bing ,Cortana 與 Azure Machine Learning 團隊的研發成果為基礎 豐富的技術文件,範例程式碼與社群支援









Microsoft