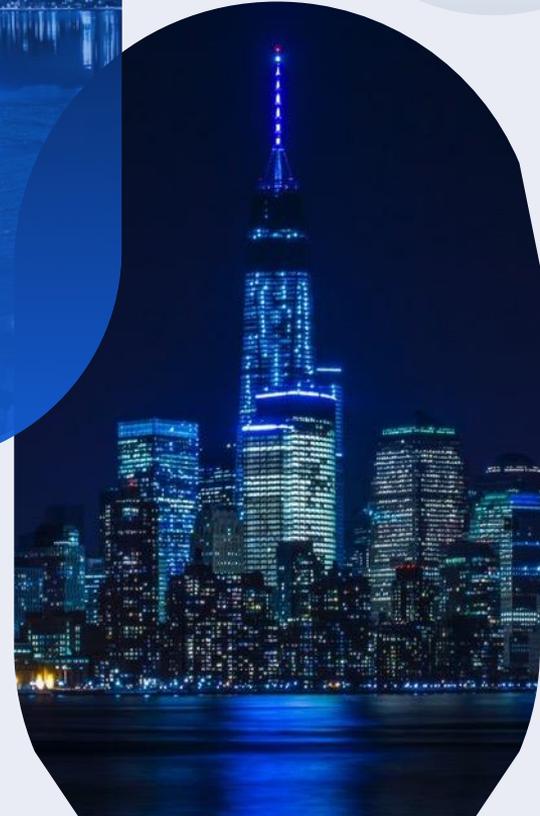


# *Cogniser*

## **Operation Efficiency Advanced Gadgets**

Presenter: Sam Tung



# ABOUT US

Parent company started from Computer-Vision projects 14 years ago in Mainland China

Medium-sized tech solution provider completed 300+ projects: from FMS for (中遠造船廠), safety system for Coal Mine (陝西神木煤礦), from Smart City to security system for penitentiary.

Incubated by Institute of Software Application Technology Guangdong under CAS(中科院)

Network : Mainland China, HKSAR, Japan, Thailand, Vietnam

- 2023 admitted to HKSTP- reputable clients: WWF, HAECO
- Over 10 years in Japan; projects from Jap Government, universities & commercial
- Member of National AI Standard Setting Committee & co-author of "National AI Standard White Paper"

**Cogniser**

# *Cogniser*

- 1. Transparent Duo-Screen Translator**
- 2. Minutesbot**



# 1. Transparent Duo-Screen Translator

- The Duo-Screen Translator is custom-made for international hubs like Hong Kong.
- Seamless real-time translation & instant display on both sides.
- English+Putonghua+Cantonese available now. 2026 Q2 Major languages+Chinese dialects
- Supports simultaneous interactive translation among Putonghua, Cantonese, and English.
- Transparent screen - Modern cyber image & better communication with travelers & the public



Dual-screen, allowing each party to read both the original text & the translation i.e " own language + target language"

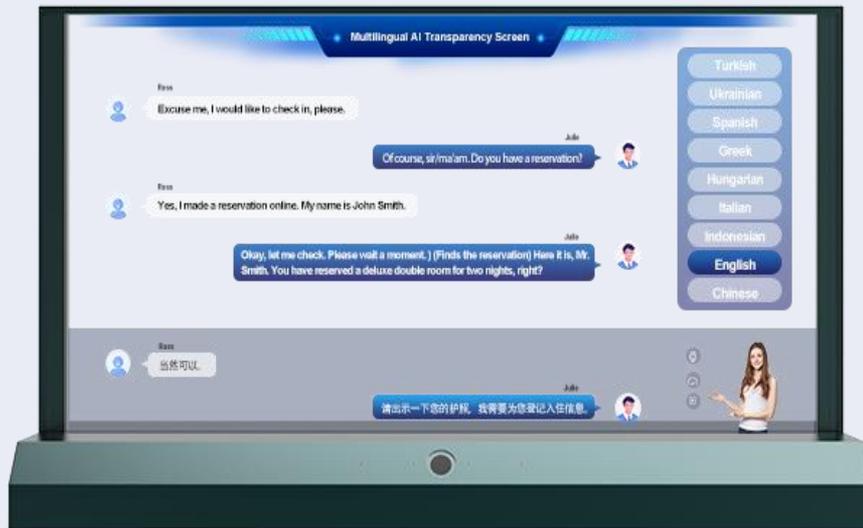
Transparent feature minimizes visual obstruction  
Friendly & enhance understanding  
Public Service Counters, Visitor Reception, Hotel Conceierge

No need to press a button  
Speak at ease  
Eliminate communication anxiety

# 1. Transparent Duo-Screen Translator

## Support Multiple Languages

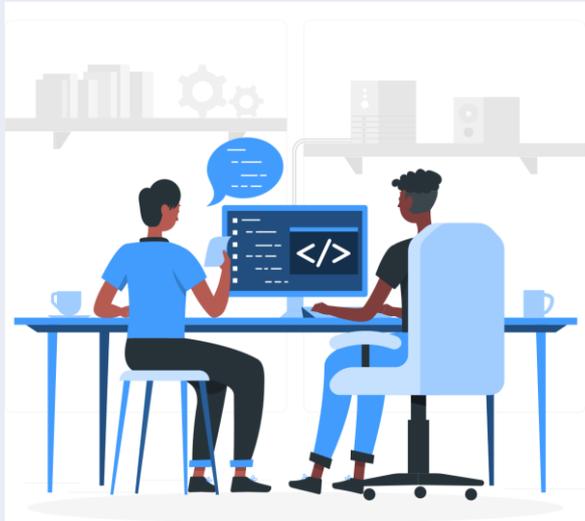
- Real-time speech-to-text (ASR) latency <300 ms, with recognition accuracy  $\geq 95\%$
- Real-time machine translation (MT) processing latency <500 ms, achieving “translation output immediately after speech recognition”
- Local set-up – Confidentiality, Data Privacy
- Chinese (Putonghua, Cantonese, Fujian, Chaozhou, Shanghainese), English, Thai, Vietnamese, Arabic, Japanese, Korean, Russian, and more.



# 1. Transparent Duo-Screen Translator

## Future

Develop minority languages & domain-specific scenarios (e.g., maritime, legal, medical....)



Integrate with computer vision  
Sign-language recognition and translation.





## 2. Minutesbot



APP/device with  
NLM - capture,  
record  
understand the  
conversation of  
every meeting



Automatically  
generate  
structured  
minutes and  
action items in  
10 seconds



Multi-  
Language  
Recognition



Local server –  
Confidential

# Minutesbot



An intelligent meeting assistant

Multilingual recognition engine automatically organize agendas,

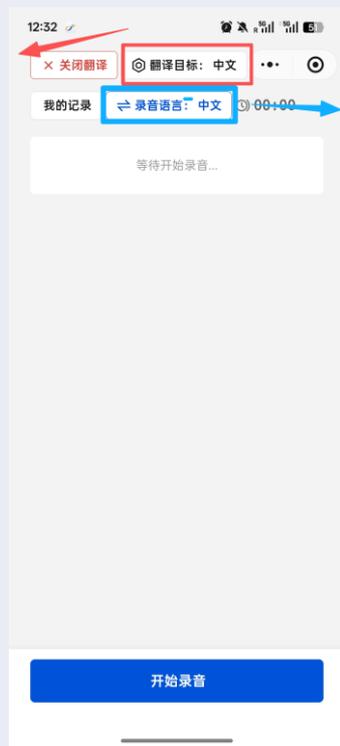
Extract key points, decisions & other critical content

Select a language for recording and generate meeting minutes with one click.

improving work efficiency.



# Minutesbot



Equipped with large language translation models, enabling real-time bilingual translation with side-by-side display.

Supports language selection for recording, with one-click AI-generated meeting minutes via large language models.

**THANKS**

