



VMFi[®]



5G Blazing Fast AI Speech Translation System

5Gサービス市場に参入: AIが解決策、言葉の壁を越えて

www.vmfi.net | ai@vmfi.net



- ★ **Visions for 2025**
- ★ **VM-Fi Services**
- ★ **Team Achievements**
- ★ **Traction**

② Introduction to Digital Expo

This project will use cutting-edge digital technology, to create an ultra-smart venue that leads the future and transform the experience of the audience and the operation system of the Expo.

Create a super-smart venue for the joy of future experiences, that enable visitors and exhibitors utilising various systems and services without barriers.



High-Speed, Large-Capacity Communication Environment



Visitor Personal Assistant

Allow everyone to visit the venue barrier-free, and enhance the value of Expo experience through smart technology.

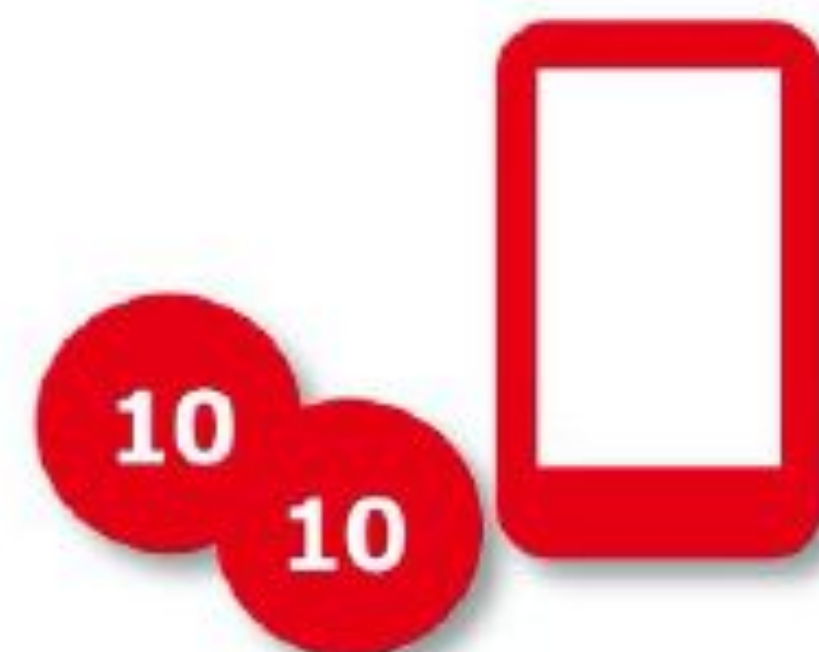
Large Format Displays and Digital Signage



Through a variety of information services and image experience, to enhance the spatial value of the Expo site.



(Smart Energy)



(Smart Economy)



(Smart Building)



(Public Safety)

EXPO2025

Cloud/Big Data

Automatic Translation System



Make it possible for everyone to cross language barriers and achieve barrier-free communication. Further increase the opportunities for interactions through the Expo.

② Digital EXPO (Automatic Translation System)

We wish to utilize AI high quality real-time interpretation to provide guide and service before and during the event, and present an advanced communication environment without “language barrier” for all the EXPO visitors worldwide.

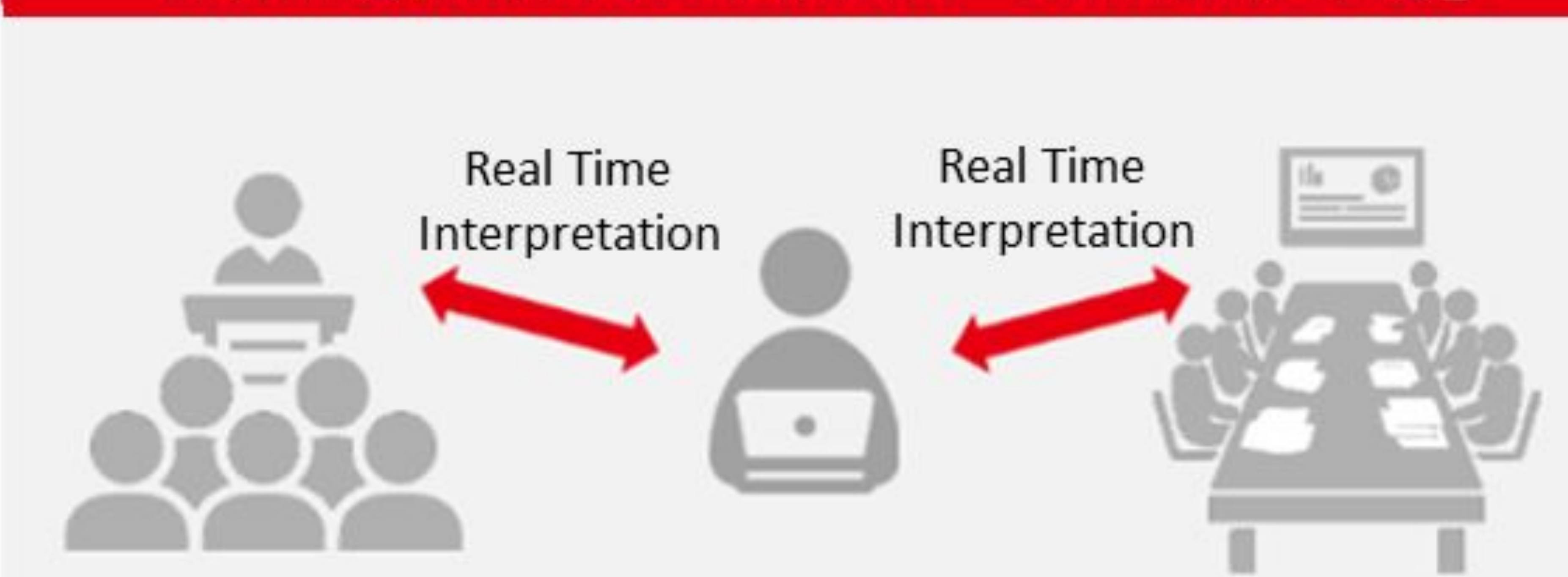
「EXPO APP」 for Multilingual Interpretation



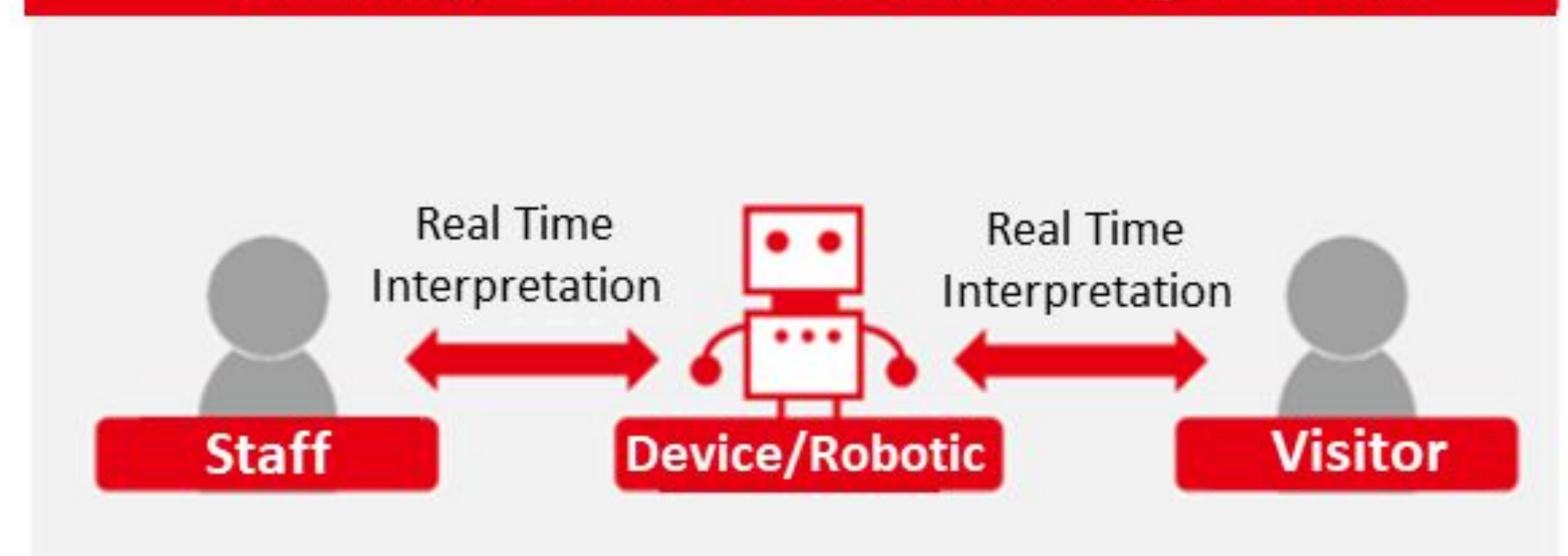
Multilingual Interpretation for 「Virtual Venue」



Multilingual Interpretation for 「Online Meeting」



「Multilingual Guide Device/Robotics」 at Venue



- ★ Visions for 2025
- ★ **VM-Fi Services**
- ★ Team Achievements
- ★ Tractions

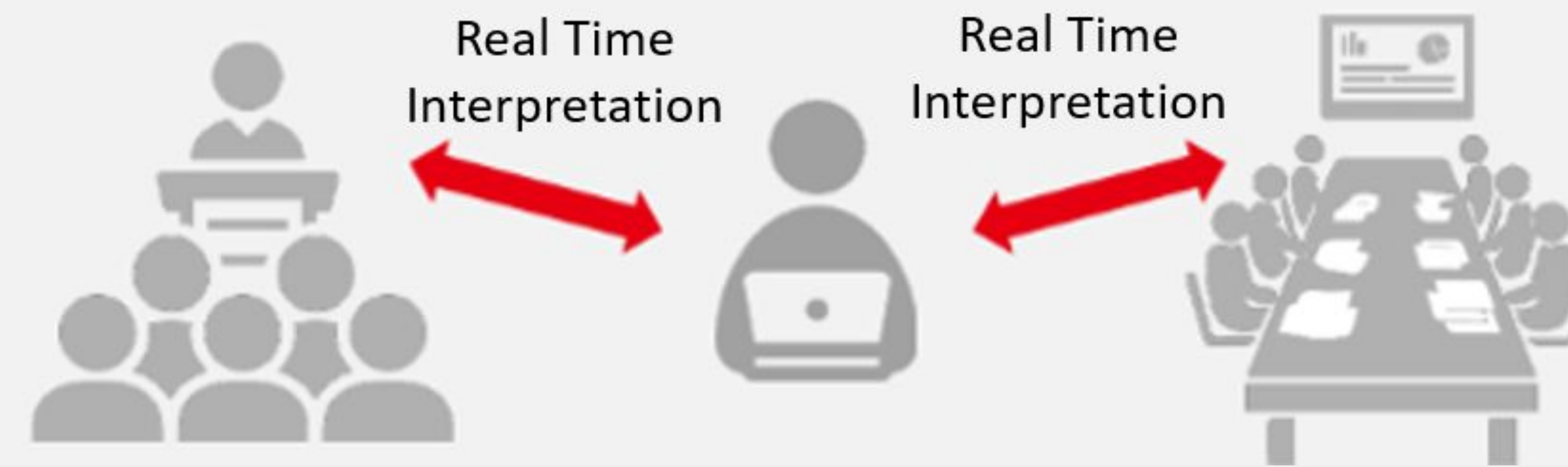
Multilingual Interpretation for 「Virtual Venue」



Venue

Real Time Interpretation

Multilingual Interpretation for 「Online Meeting」



Webinar

Real Time Translation Subtitle

Multilingual Guide Device/Robotics 「at Venue」



Counter

OMNI Channel Translationwindow

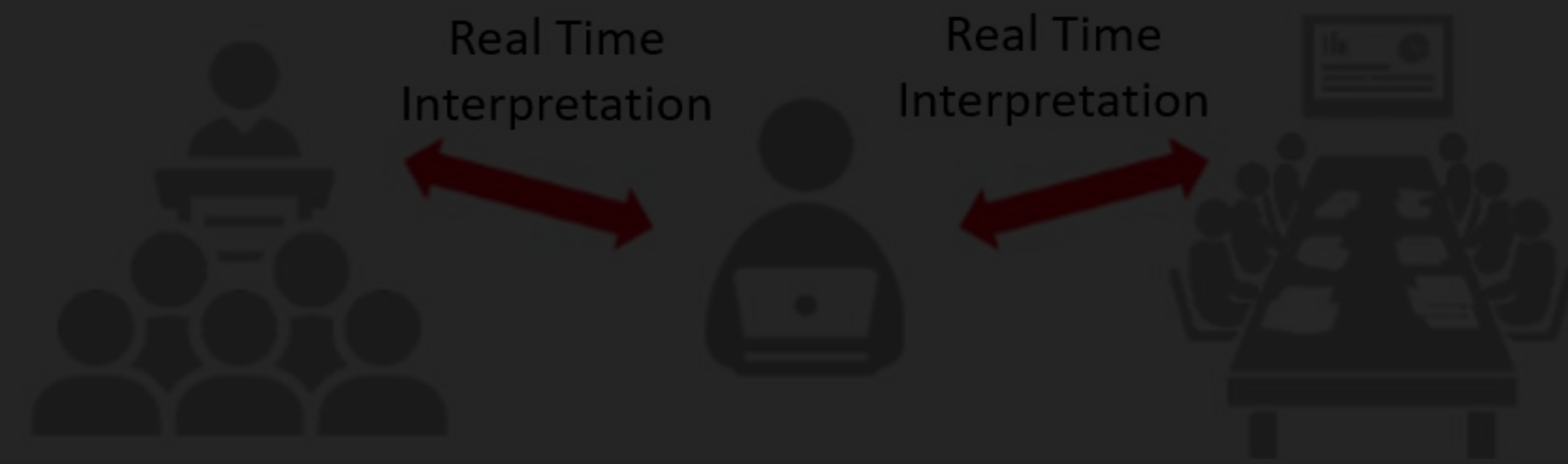
Multilingual Interpretation for 「Virtual Venue」



Venue

Real Time Interpretation

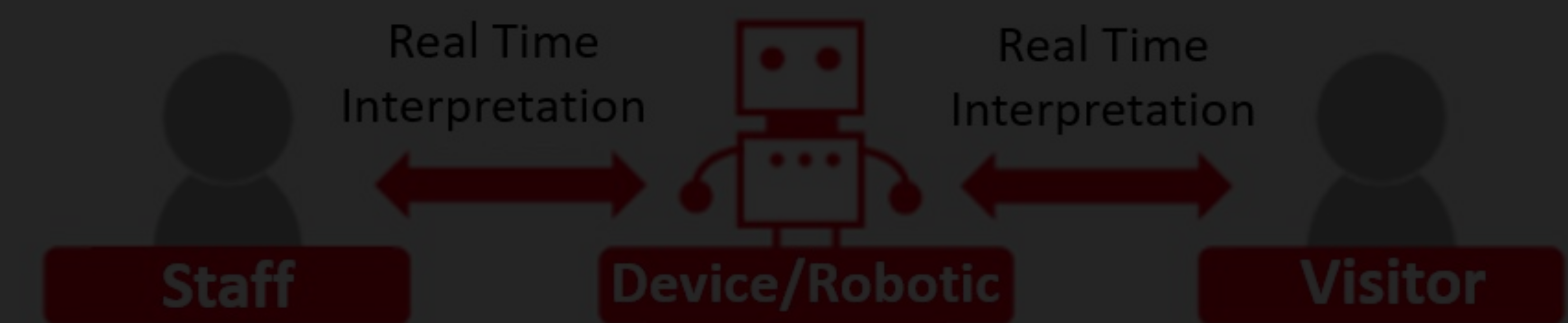
Multilingual Interpretation for 「Online Meeting」



Webinar

Real Time Translation Subtitle

Multilingual Guide Device/Robotics 「at Venue」



Counter

OMNI Channel Translationwindow

Speaking English

Listening Japanese



Communication Problem

Human
Resource

3X

Expensive

Setting Up
Booths &
Equipments

3X

Time

Service
Restriction

0X

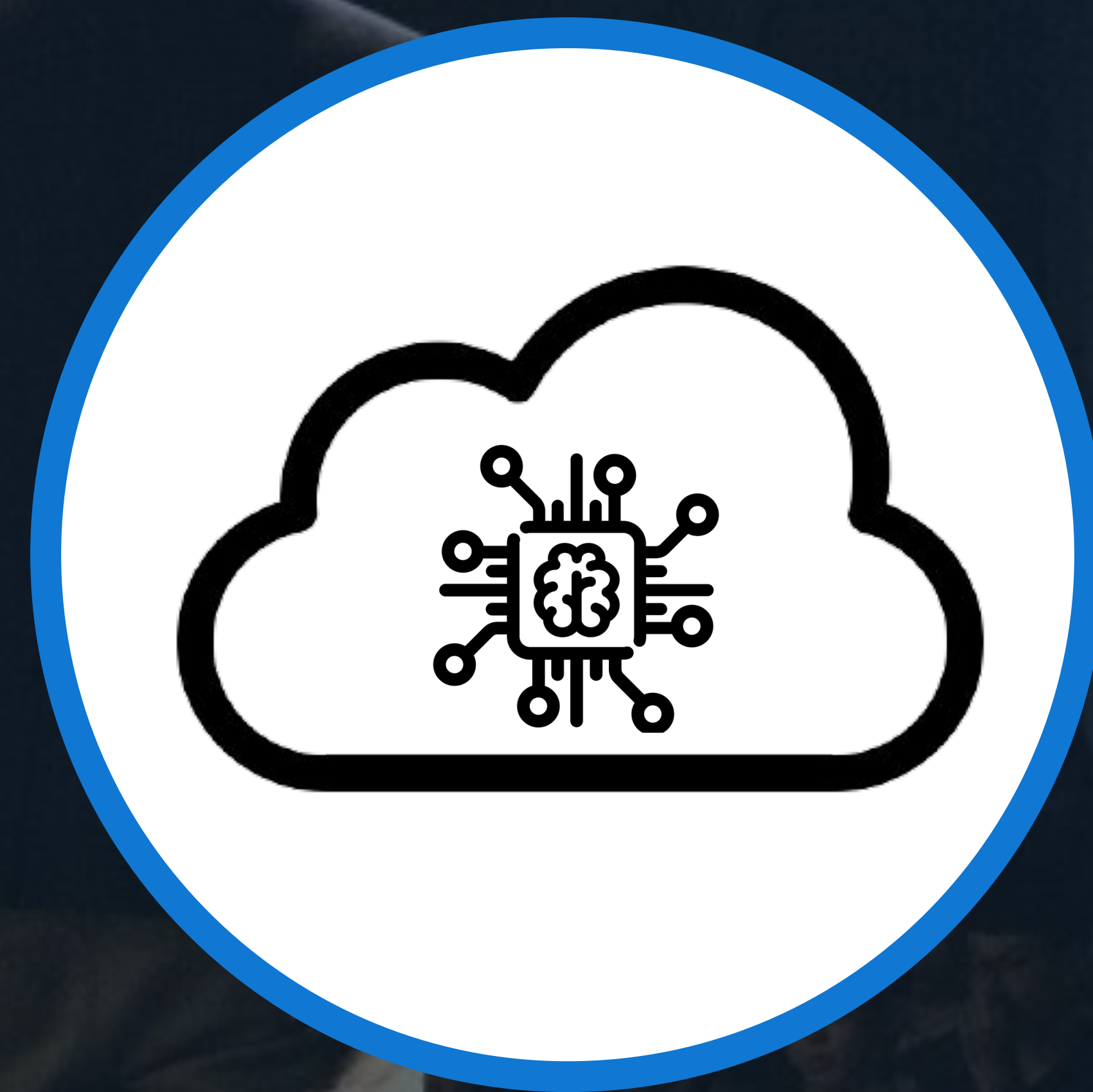
Business

DX Solution



**Microphone
Input**

Speaker



**AI Cloud
Translation**

VM-Fi Service



**5G CPE
Broadcasting**

VM-Fi Service



**APP
Listening**

Audience

5G Blazing Fast AI Speech Translation System

5G サービス市場に参入: AIが解決策, 言語の壁を越えて

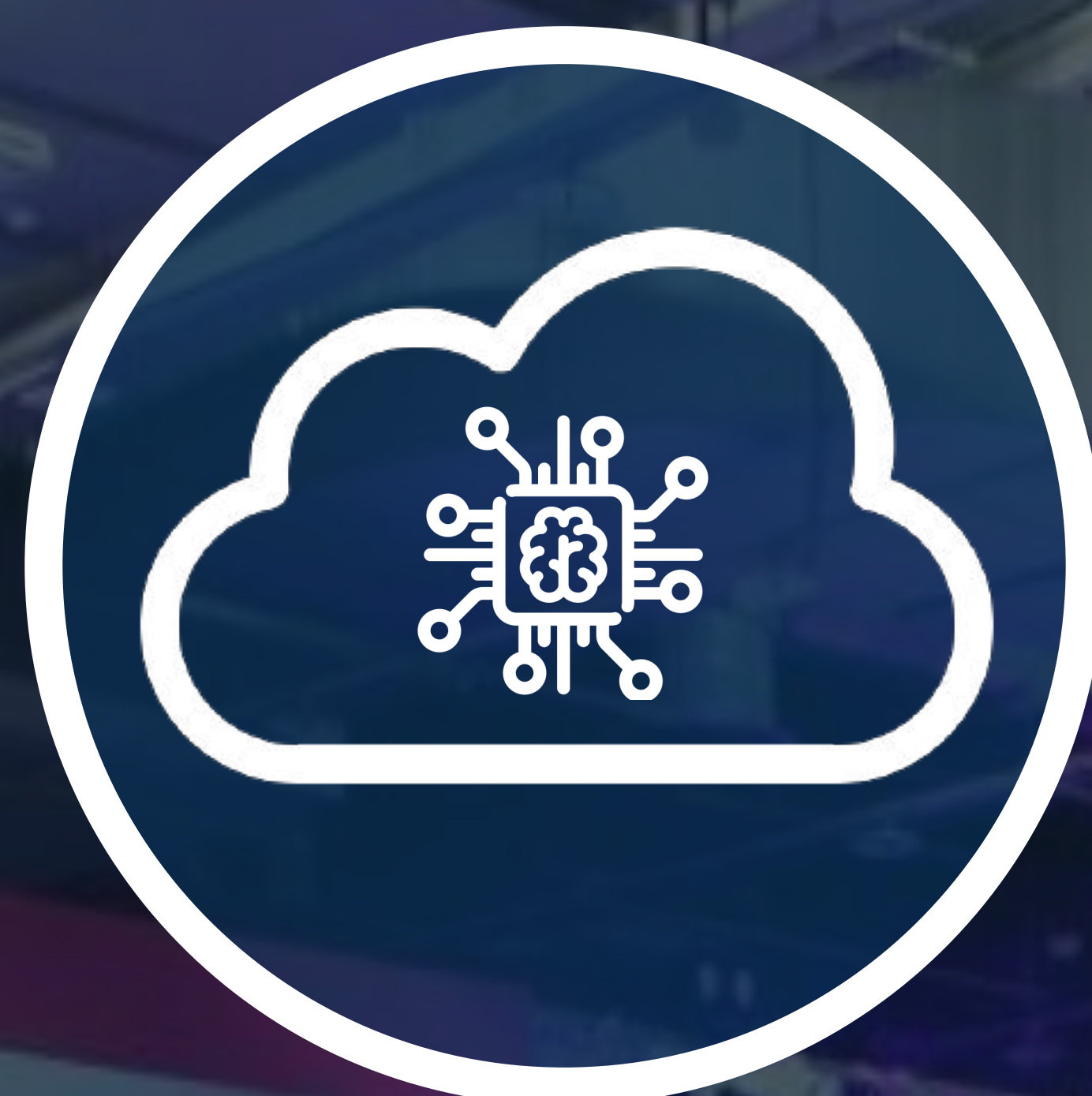
2

AI Interpreting
AI to 5G CPE



1

English Speaker
Microphone to AI via 5G



5G

3

5G CPE Broadcasting
5G CPE to any Mobile



5G

4

Listening Chinese
Mobile





言語の壁を越えて

5G サービス市場に参入: AIが解決策

Overcome the language barrier

Entering 5G Services Market : AI Solution



5G Blazing Fast
AI Speech
Translation
System



[Demo Video](#)



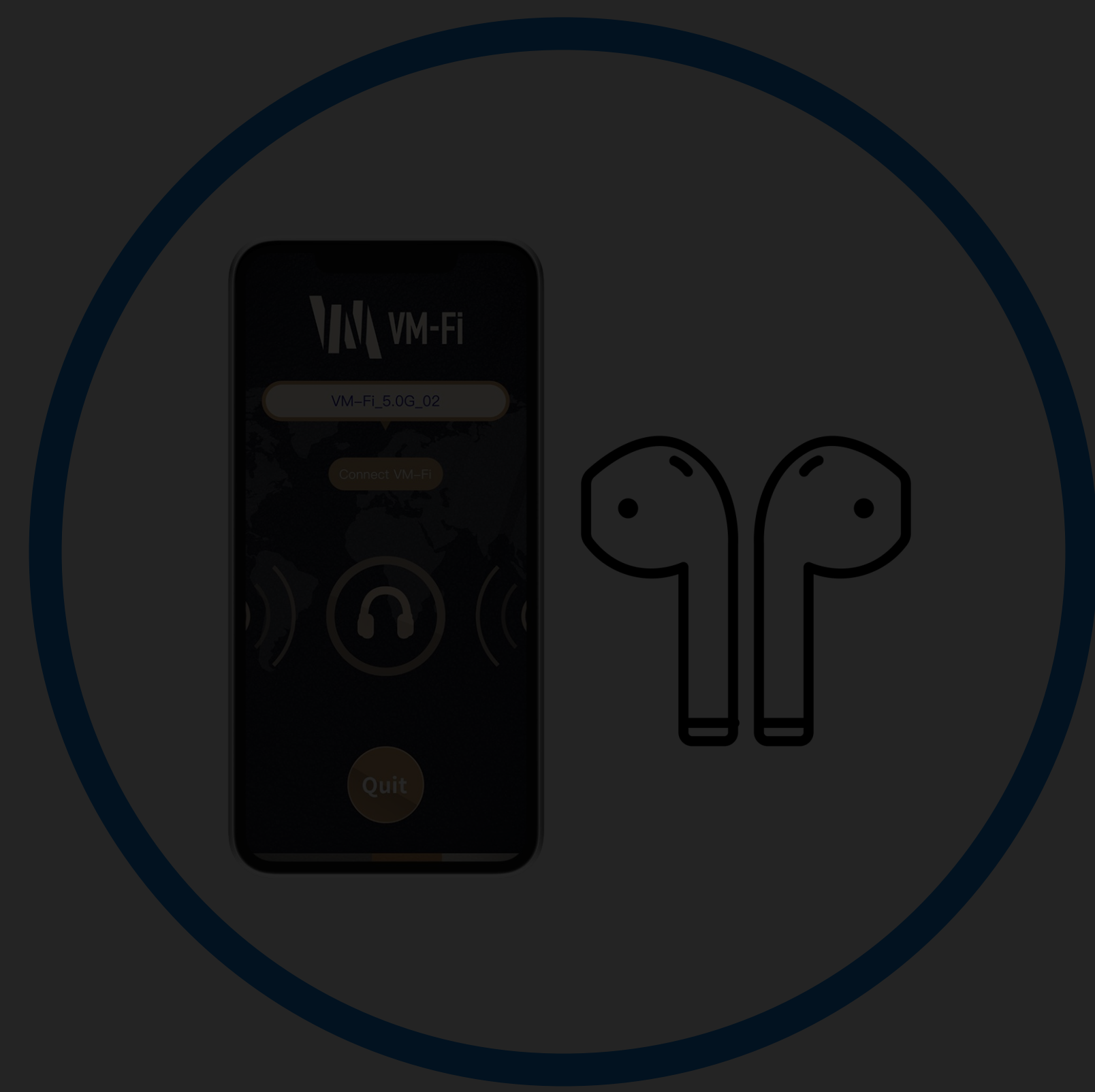
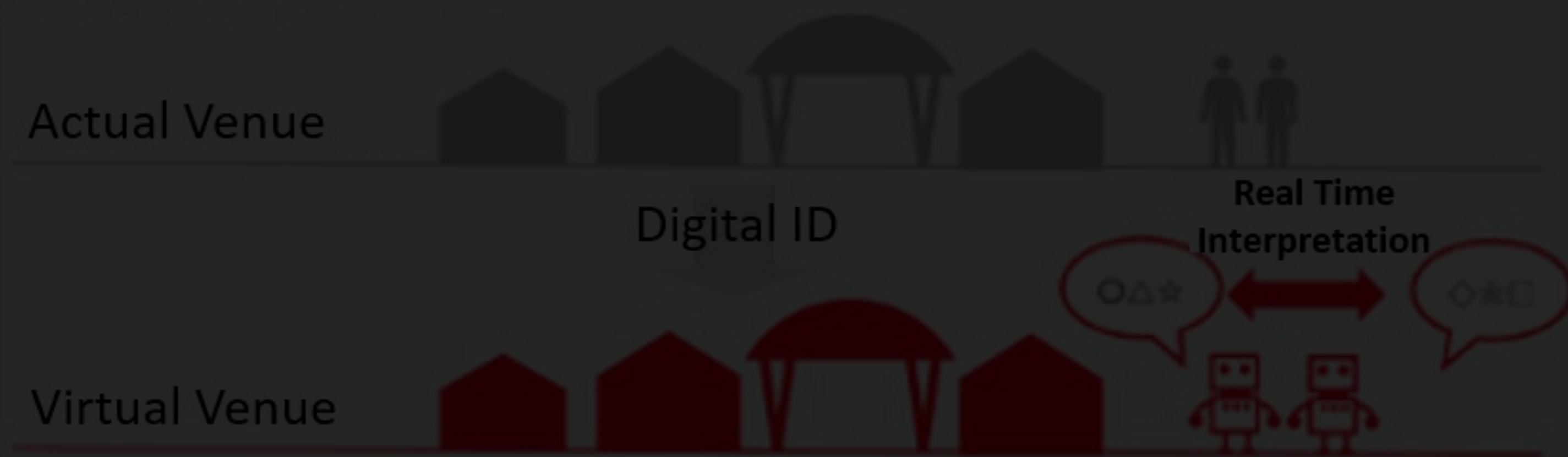
第五回目を迎える本日のシンポジウムで、はAIを活用した多言語自動翻訳技術の発展や、

At today's symposium, which marks the 5th symposium, we will promote the development of multilingual automatic translation technology using AI.

今後の取り組みについて、各分野でご活躍されている方々をお招きをし、幅広く御議論いただ



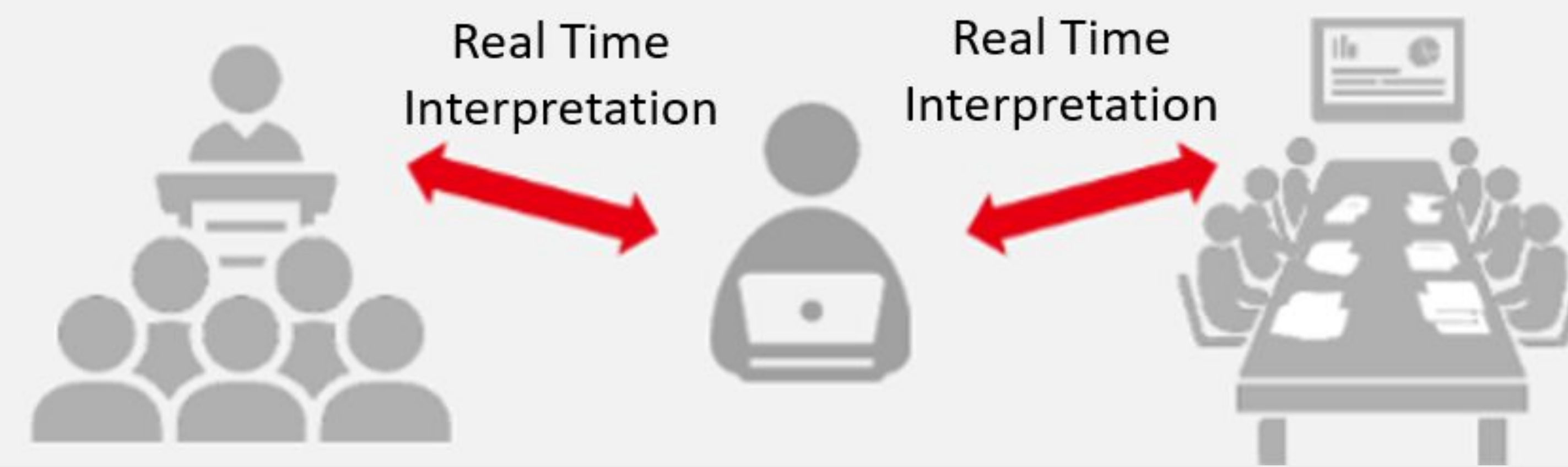
Multilingual Interpretation for 「Virtual Venue」



Venue

Real Time Interpretation

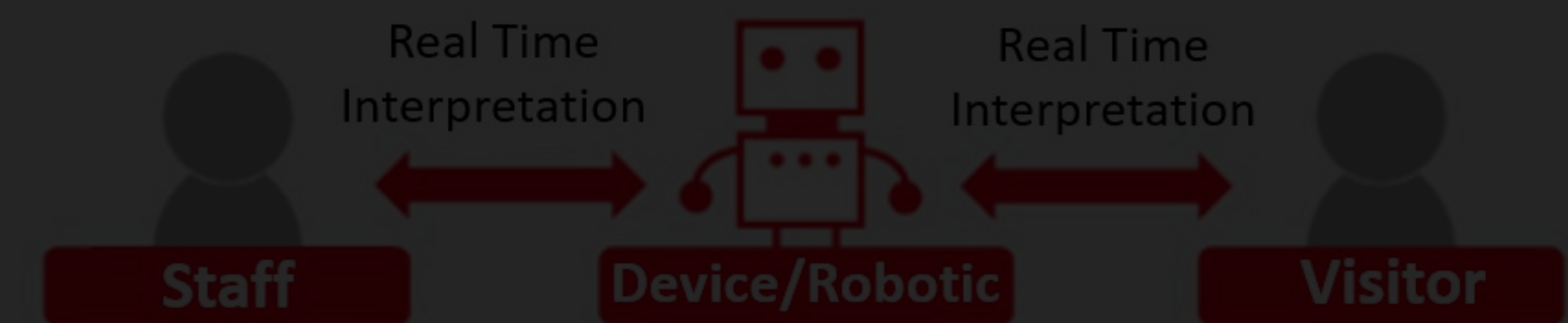
Multilingual Interpretation for 「Online Meeting」



Webinar

Real Time Translation Subtitle

Multilingual Guide Device/Robotics 「at Venue」



Counter

OMNI Channel Translationwindow



5G サービス
市場に参入
AIが解決策
言葉の壁を越えて



今後の取り組みについて、各分野でご活躍されている方々をお招きをし、幅広くご議論いただく予定です。

We plan to invite people who are active in various fields to discuss future initiatives in a wide range of fields.

総務省としては、このai同時翻訳技術を。

As for the Ministry of Internal Affairs and Communications, this ai simultaneous translation technology.

1 Chinese Speaker
Mobile / Microphone

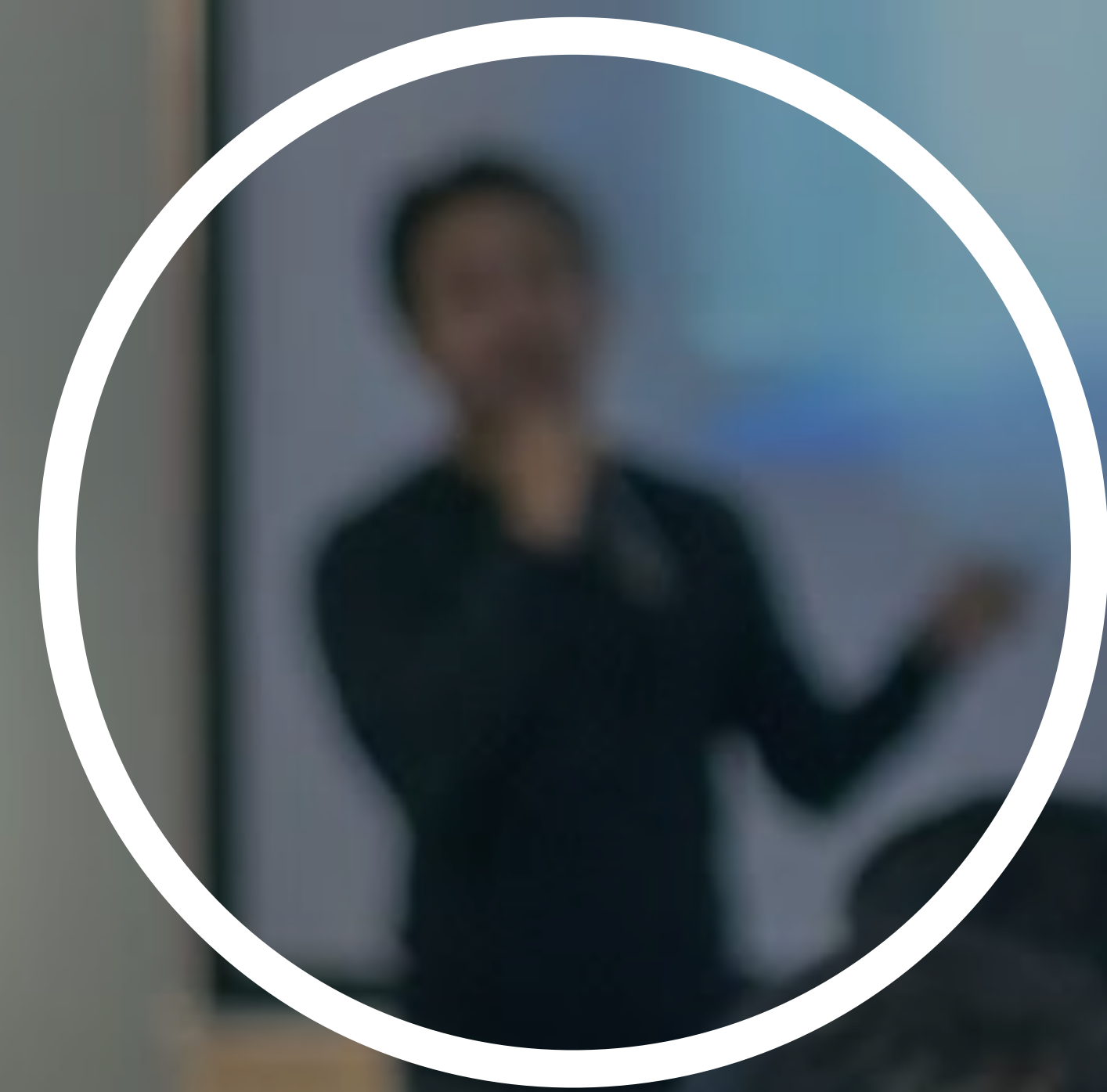
2 5G VM-Fi Broadcasting to Mobile

3 Listening Japanese
Mobile / Earphone



1 English Speaker

Microphone to AI via 5G

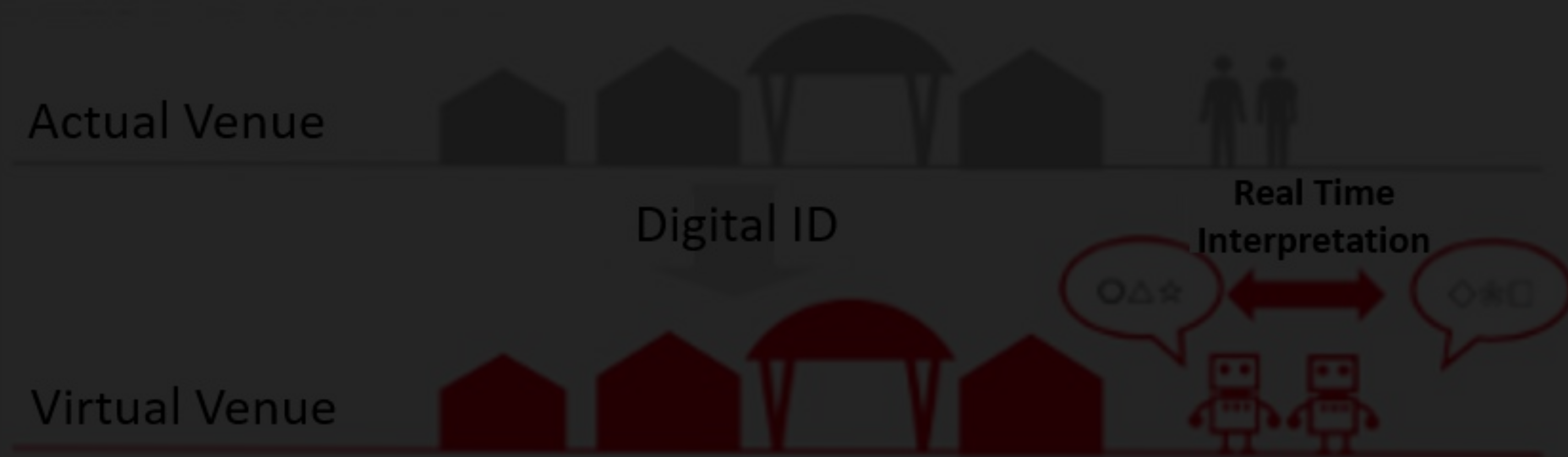


2 5G CPE Broadcasting
5G CPE to any Mobile

3 Listening Japanese Mobile



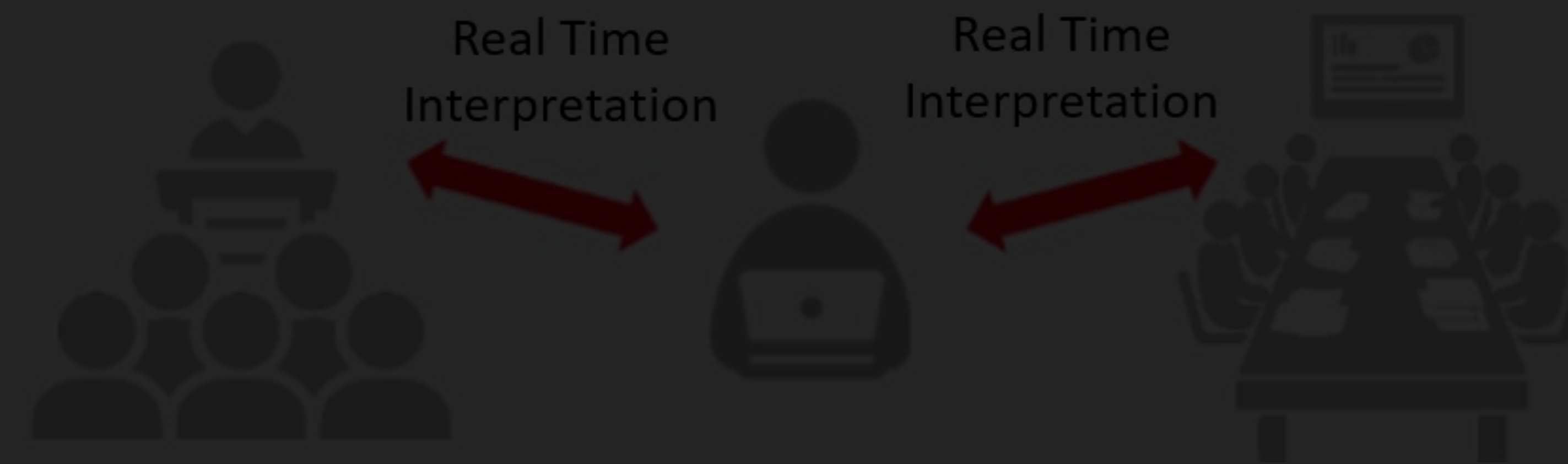
Multilingual Interpretation for 「Virtual Venue」



Venue

Real Time Interpretation

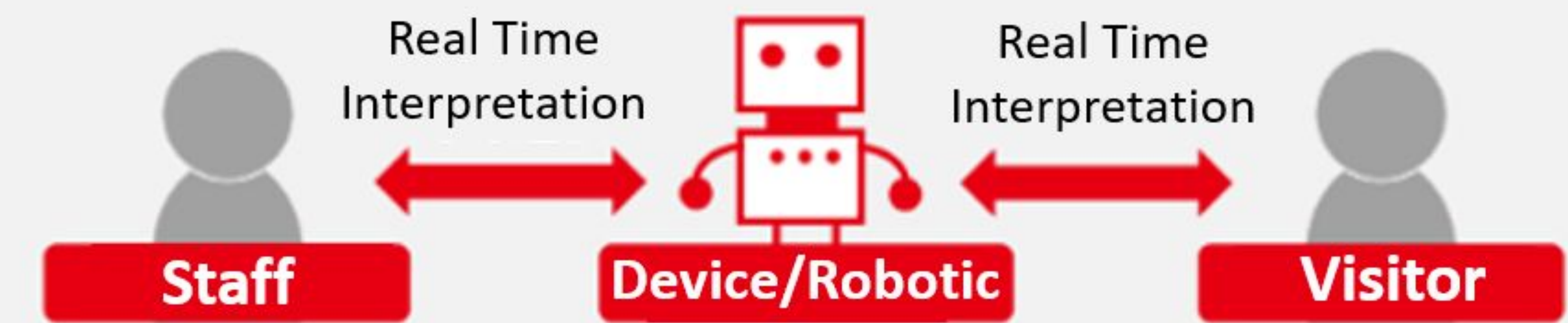
Multilingual Interpretation for 「Online Meeting」



Webinar

Real Time Translation Subtitle

Multilingual Guide Device/Robotics 「at Venue」



Counter

OMNI Channel Translationwindow



New Normal Pain Point

← Keep Social Distance →



Transparent Display





Communication Pain Point

Covid'19

Foreigner

**Deaf
Impaired**

Partition

Language

Hearing

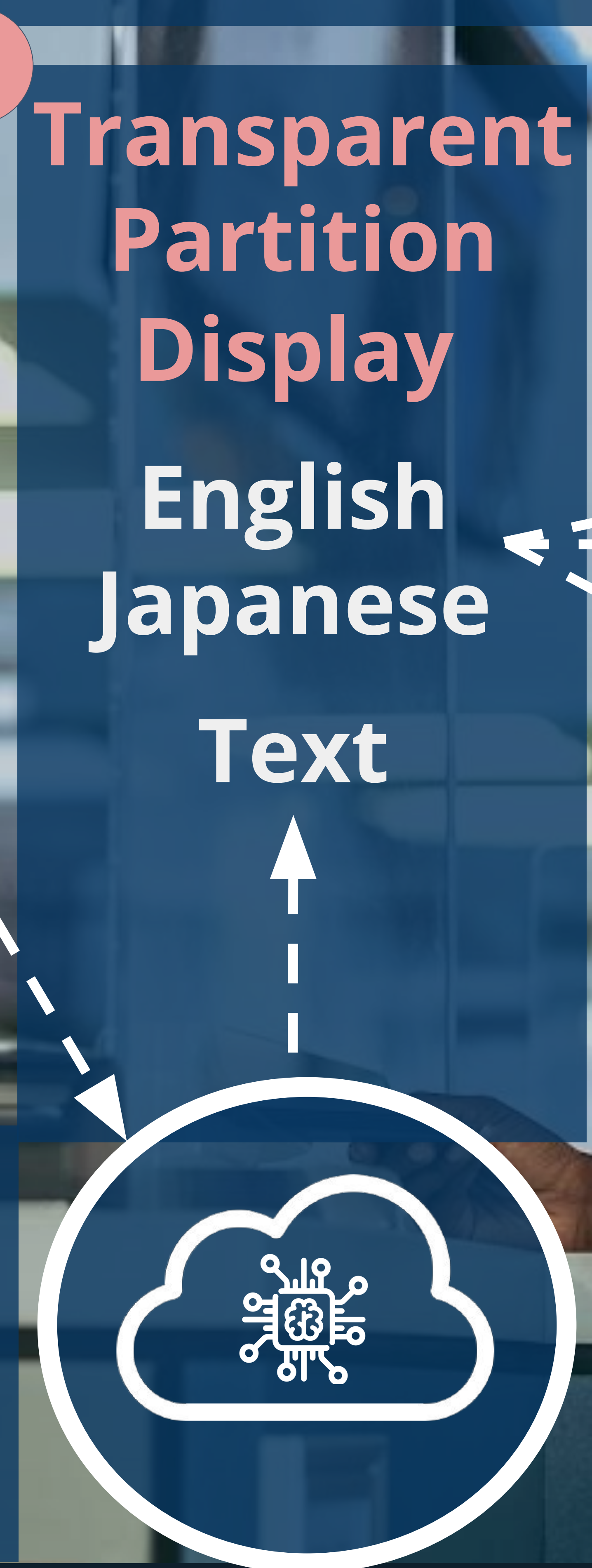
Translationwindow

Keep Social Distance



1 Japanese Speaker
Microphone

2 5G/AI
Blazing Fast
Translation



4 Reading English
Japanese / English

Translationwindow

こんにちは本日はどんなご用件でしょうか?
Hello. How may I help you today?

はい、こちらの免税手続きは二階の免税カウンターで行いますので、エレベーターに乗っていただいて、そちらで手続きをしてください。
Yes, this duty-free procedure will be done at the duty-free counter on the second floor, so please take the elevator and go through the procedure there.



Demo Video



[Demo Video](#)



VM-Fi Translationwindow

Connect the World without Covid'

SUSTAINABLE DEVELOPMENT GOALS

www.vmfi.net | ai@vmfi.net



Shopping Mall Retail Counter









- ★ Visions for 2025
- ★ VM-Fi Services
- ★ **Team Achievements**
- ★ Tractions



Team Achievements



CES 2022 Innovation Award
Smart 5G Blazing Fast AI
Speech Translation System



JETRO,
Global Connection Accelerate
Innovation Program Team



Japan QTnet Innovation
Program TSUNAGU 2021
1st Runner Award



Japan Kyushu Railway
Innovation Program
Quest for the Best 2022
1st Runner Award



Team Achievements



福岡市
実証実験
フルサポート事業

Japan Fukuoka City
Experiment Demonstration
Full Support Program 2022



Industrial Development Bureau,
Ministry of Economic Affairs,
5G Craft Elite Competition
Grand Award 2021



2021-2023 Ministry of
Economic Affairs, Public
Procurement Supplier



Qualcomm Innovation in
Taiwan Challenge Team 2020

- ★ Visions for 2025
- ★ VM-Fi Services
- ★ Team Achievements
- ★ **Tractions**



Tractions in Taiwan

2020

Sun-Moon Lake Tourism Service Landed

(* Famous National Scenic Area)



[Video](#)

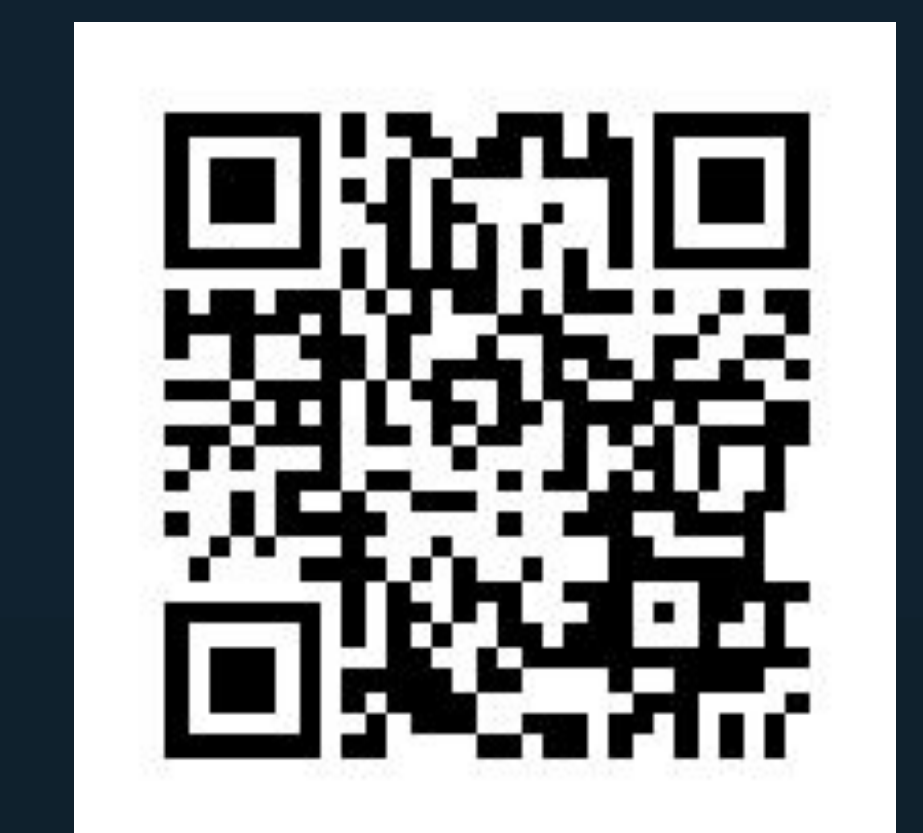


2021

Nangang Exhibition Center, Meet Taipei 2021

5G Blazing Fast AI Realtime Translation for English Forum

(* Taiwan Largest 5G Exhibition Center)



[Video](#)

2022

Contract with **Kaohsiung Exhibition Center**

5G Blazing Fast AI Realtime Translation Service Provider

(* Largest Exhibition Center in Southern Taiwan)





Tractions in Taiwan

Taipei Nangang
Exhibition Center, Hall 2
[Meet Taipei 2021](#)
English-Chinese Forum
200 people, 2021, Nov

Taipei 101
Ministry of Economic
Affairs
Mobile Hero 2021
Awards ceremony
200 people, 2021, Dec

Taipei Arena
Ministry of Science and
Technology
CES 2022
Press Conference
80 people, 2021, Dec

Taiwan Startup Terrace,
Kaohsiung
FHnet
Signing Ceremony
Press Conference
80 people, 2022, Apr

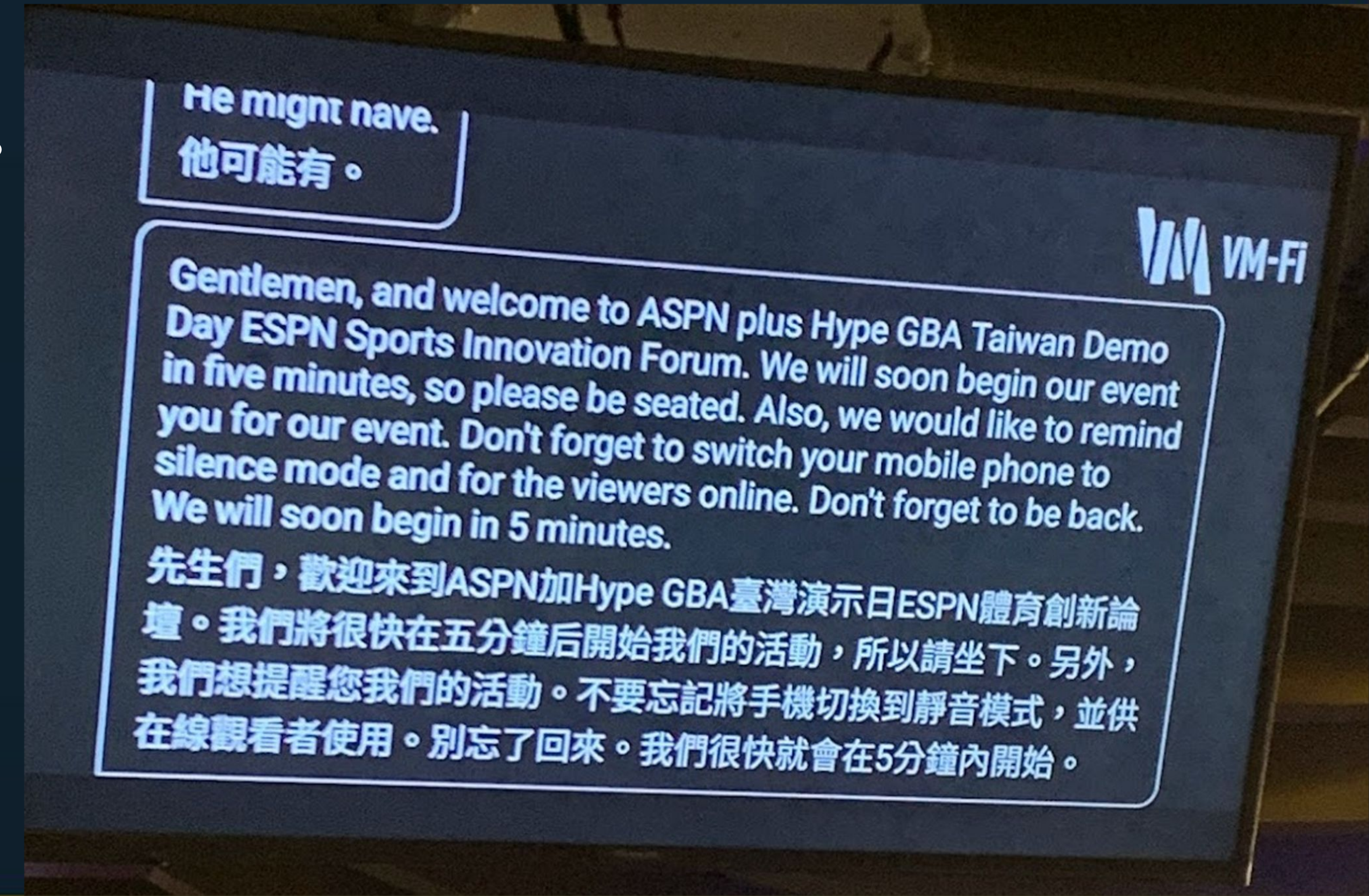
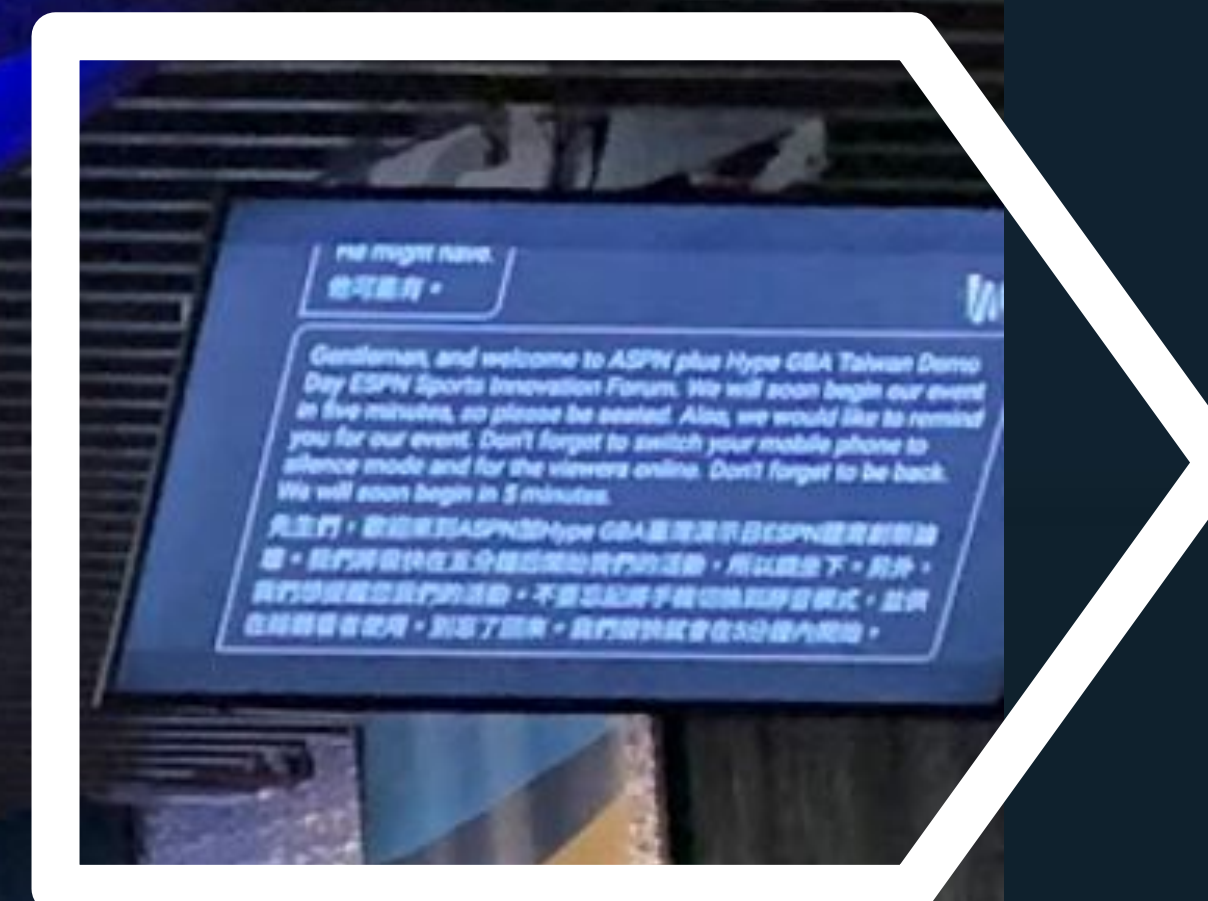




Tractions in Taiwan

- 2022 | Service in Taipei 101 Building

The One Venue at Taipei 101 Building | ASPN X HYPE GVA Taiwan Demo Day
Providing 5G Blazing Fast AI Realtime Translation Service



• 2022 | Service in Startup Terrace Kaohsiung

台日アジア・パシフィック スタートアップ交流・発表会
台日亞太新創技術發表座談會
Taiwan-Japan Asia Pacific Innovative Technologies Presentation Forum

主辦單位：經濟部中小企業處
SMALL AND MEDIUM ENTERPRISE ADMINISTRATION
MINISTRY OF ECONOMIC AFFAIRS
執行單位：財團法人資訊工業策進會
INSTITUTE FOR INFORMATION INDUSTRY
協辦單位：獨立行政法人中小企業基盤整備機構(SMRJ)
VM-FI



郭 宇 組長
Mr. Yu Kuo, Director, Policy Planning

promoted the signing of a memorandum of cooperation between Taiwan and Japan in 2018, adhering to the establishment of a Taiwan-Japan small and medium-sized enterprise cooperation promotion platform.

promoted the signing of a memorandum of cooperation between Taiwan and Japan in 2018, adhering to the establishment of a Taiwan-Japan small and medium-sized enterprise cooperation promotion platform.

Small and Medium Enterprise Administration,
Ministry of Economic Affairs

Providing 5G Blazing Fast AI Realtime
Translation Service



Traction in Taiwan

- 2022 | Service in Taiwan Tech Arena (TTA) 4th Anniversary

Global Investors Forum | Providing 5G Blazing Fast AI Realtime Translation Service







Tractions in Japan





Traction in Japan



福岡市
実証実験
フルサポート事業

採択

VMFi inc.
株式会社 QTnet

Smart Media Augmented
Reality Transparency Platform

福岡市
実証実験
フルサポート事業

採択

VMFi inc.
株式会社 QTnet

Smart Media Augmented
Reality Transparency Platform



VMFi[®]



5G Blazing Fast AI Speech Translation System

5Gサービス市場に参入: AIが解決策、言葉の壁を越えて

www.vmfi.net | ai@vmfi.net

