Selection of simultaneous AI supported translation tools

KA210-VET - Small- scale partnerships in vocational education and training : Vocational

Education and Training

Project Title: Creation of a train - the -trainer format for digital multilingual webinars using Aiassisted multilingual simultaneous translation tools for the training of resilience educators in Europe.

Project Acronym : Edu2Help

2.2.3 Selection of simultaneous AI supported translation tools

Objective

The aim of this independent product was to develop a well-founded, transnational selection of suitable tools for AI-supported simultaneous translation for training and educational settings within the framework of the EU project *Edu2Help* .

Methodical approach

As part of bilateral needs assessments in Austria (an educational institution focusing on psychosocial resilience) and Cyprus (a social-pedagogical NGO working in the field of displacement and trauma), specific requirements for translation tools were formulated. The analysis was conducted using real-world learning scenarios – such as hybrid training courses, live webinars, and intercultural group work. The evaluation was further supported by a systematic comparison of existing literature and market research (see handbook dated May 1, 2024).

Analysis results

Microsoft Teams and Cisco Webex were identified as fundamentally suitable in both countries. Webex was tested in Cyprus but exhibited high technical barriers to entry. In Austria, Teams proved particularly compelling due to its "PowerPoint Live" feature and the integration of Voicero

for automatic translation. Additionally, mobile and specialized tools such as Interprefy, KUDO, SayHi, VoiceTra, and the Microsoft Translator app were considered for specific use cases.

Project result

The analysis resulted in a shared, transnational selection matrix, which serves as the basis for future tool use in the *Edu2Help project* . The results are directly incorporated into a common set of didactic recommendations for multilingual training formats.

Comparison of established video conferencing tools with translation function

Prior to the detailed evaluation, five widely used video conferencing platforms were examined for their suitability to support simultaneous translation in educational settings:

Comparison table

criterion	zoom	MS Teams (with Voicero)	Cisco Webex	LiveVoice	Worldly AI
Cost structure	~99 / $Monat + Add - ons \| 4 -$ 12,50/month (MS 365) + optional audio conferencing	~300 / $Jahr für Überset$ 78€/ $Monat (nach Nut$ 6.000/year			
Live translation	Yes, with third-party providers	Yes, Voicero integration.	Yes, integrated	Yes, via app	Yes, via cloud platform
Live subtitling	Yes	Yes	Yes	No	Yes
PowerPoint integration	Restricted	Fully with live translation	Restricted	No	No

criterion	zoom	MS Teams (with Voicero)	Cisco Webex	LiveVoice	Worldly AI
user-friendliness	High	Very high	Medium	High	High
linguistic diversity	High	Medium (approx. 20 languages)	High	Medium	High
Security / GDPR	Good	Very good (Microsoft Standard)	Very good	Good	Expandable
Accessibility	Good	Very good	Good	Restricted	Good
Technical dependence	Third-party interpreting services	Microsoft ecosystem	Cisco environment	Internet dependent	Stable connection required

Detailed description of the tools

zoom

A well-established and widely used video conferencing tool. Simultaneous interpretation is possible through third-party interpreting channels. Advantages: Familiarity, intuitive operation. Disadvantages: Additional costs, limited didactic integration.

Cisco Webex

A professional tool with integrated translation and transcription capabilities. It offers high security but requires complex setup. PowerPoint integration is limited. The Cypriot pilot application encountered initial hurdles.

LiveVoice

An app-based solution that enables real-time audio translation without additional hardware. Particularly suitable for informal settings, but without subtitle or presentation support. Ideal for mobile use, not for structured webinars.

Worldly AI

A cloud-based platform for simultaneous translation at large events. Advantageous for high scalability, but costly and with limited didactic integration. More suitable for conferences than for interactive learning formats.

Microsoft Teams (with Voicero)

In combination with the Voicero extension, Teams offers comprehensive features for accessible and inclusive webinars. The live PowerPoint translation directly within the tool is particularly noteworthy. Teams is already widely used, cost-effective, and meets the highest data protection standards.

Scientifically based selection decision

Based on direct comparison and bilateral practical trials, the decision clearly favored **Microsoft Teams with Voicero** . The decisive reasons were:

- Low costs thanks to existing MS365 licenses
- Intuitive operation and low training requirements
- Easy integration of PowerPoint Live
- Automatic live subtitles and spoken translation
- High GDPR compliance and accessibility

This solution offers an optimal balance of functionality, inclusion, cost control, and technical scalability.

Additional tools for mobile scenarios

For flexible educational and care situations – such as excursions, community work or mobile training – additional mobile tools were considered, e.g.:

- **SayHi** (mobile speech recognition & translation)
- **VoiceTra** (multilingual real-time communication)
- **Interprefy** & **KUDO** (Conference solutions with remote interpreting services)
- **Microsoft Translator App** (fast text and speech recognition on mobile devices)

These tools do not serve as a primary solution, but they expand the scope of action in the international educational context.

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conclusion

For synchronous training and educational scenarios within *Edu2Help,* **Microsoft Teams with Voicero** represents the most compelling, scientifically sound choice. Combined with specialized mobile applications, it enables an adaptive, multilingual educational design. enabled – in the sense of European Inclusion , accessibility and technical Efficiency .

Vienna, March 2025

imprint

Publisher :
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