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Information technology~~ ~~— User interfaces for automatic simultaneous interpretation systems~~—~~ ~~—

Part 1: General

Technologies de l'information — Interfaces utilisateur pour les systèmes d'interprétation simultanée automatique —

Partie 1: Généralités

FDIS stage

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 35, *User interfaces*.

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Introduction

Communication between users of different languages is a global trend that is increasing.. Real-time, automatic simultaneous interpretation is needed for different applications such as video calls, live lecture translation and wearable translation devices. Market demands for real-time automatic simultaneous interpretation of free-style continuous utterances in the travelsectortravel sector, global event management, phone calls, lectures or meetings are also increasing. A standardized user interface (UI) for automatic simultaneous interpretation systems fulfillsfulfils these different needs for communication.

The ISO/IEC 23773 series consists of the following parts:

ISO/IEC 23773-1 (this document) provides a general description of automatic simultaneous interpretation systems designed to interoperate among different natural languages for spontaneous speech and texts.

ISO/IEC 23773-21 1) provides the requirements and functional components for the UI of automatic simultaneous interpretation systems.

ISO/IEC 23773-322) provides a reference architecture for automatic simultaneous interpretation systems including functional modules and communication interfaces in a high-level approach.

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1) Under preparation. Stage at the time of publication: ISO/IEC PRF 23773-2.
2 Under preparation. Stage at the time of publication: ISO/IEC CD 23773-3.
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