



International
Standard

ISO/IEC 23773-1

**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

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Foreword

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

A list of all parts in the ISO/IEC 23773 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

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 travel sector, global event management, phone calls, lectures or meetings are also increasing. A standardized user interface (UI) for automatic simultaneous interpretation systems fulfils 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⁾ provides the requirements and functional components for the UI of automatic simultaneous interpretation systems.

ISO/IEC 23773-3²⁾ 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 PRF 23773-3.

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