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

Part 2: Requirements and functional description

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

Partie 2: Exigences et description fonctionnelle

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Foreword

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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 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 23773-1¹⁾ provides a general description of automatic simultaneous interpretation systems designed to interoperate among different natural languages for spontaneous speech and texts.

ISO/IEC 23773-2 (this document) 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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