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Information technology — Biometric application programming interface —

Part 2:
Biometric archive function provider interface

Technologies de l'information — Interface de programmation d'applications biométriques —

Partie 2: Interface du fournisseur de fonction d'archives biométriques

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Foreword

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The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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ISO/IEC 19784-2 was prepared by Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 37, *Biometrics*.

ISO/IEC 19784 consists of the following parts, under the general title *Information technology — Biometric application programming interface*:

— *Part 1: BioAPI specification*

— *Part 2: Biometric archive function provider interface*

Introduction

This part of ISO/IEC 19784 specifies the interface to an archive BFP. An archive BFP is responsible for the storage and management of BIRs. The archive BFP interface covers functions to attach, detach and operate related functional units by the biometric service provider, to store BIRs, to retrieve information about stored BIRs and to retrieve formerly stored BIRs for further processing by a BSP.

ISO/IEC 19784-1 provides a high-level generic biometric authentication model. This part of ISO/IEC 19784 specifies a BSP archive interface. An archive is responsible for the management of biometric data storage. Because of the application-specific requirements of biometric data storage, an archive interface is standardized.

The BioAPI Unit where the BIRs are stored is completely under control of the archive BFP. The general model for the handling of BIRs is as if they were data records in a database.