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# Information technology — Biometric presentation attack detection —

## Part 2: Data formats

*Technologies de l'information — Détection d'attaque de présentation  
en biométrie —*

*Partie 2: Format des données*



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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 37, *Biometrics*.

A list of all parts in the ISO/IEC 30107 series can be found on the ISO website.

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## Introduction

The presentation of an artefact or of human characteristics to a biometric capture subsystem in a fashion that could interfere with the intended policy of the biometric system is referred to as a presentation attack. The ISO/IEC 30107 series is concerned with mechanisms for the automated detection of presentation attacks. These mechanisms are called presentation attack detection (PAD) mechanisms.

This document establishes common data formats for conveying the type of approach used in presentation attack detection and for conveying the results of presentation attack detection methods. This document specifies the meaning of the data elements used in the PAD data formats (see [Clause 5](#)), a tagged binary PAD data format based on an extensible specification in ASN.1 (see [A.1](#)), and a textual PAD data format based on an XML schema definition (see [A.2](#)). [Annex A](#) containing the formal specifications is normative. The informative [Annex B](#) gives encoding examples.