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Health informatics — Security requirements for archiving of electronic health records — Guidelines

*Informatique de santé — Exigences de sécurité pour l'archivage
des dossiers de santé électroniques — Lignes directrices*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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In exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

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ISO/TR 21548 was prepared by Technical Committee ISO/TC 215, *Health informatics*.

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Introduction

This Technical Report is an informative report that provides additional guidance for implementation of requirements set by ISO/TS 21547. This Technical Report provides a guideline and method to select (from the requirements defined by ISO/TS 21547) a platform or domain-specific set of requirements fulfilling regulatory and normative requirements. The platform can be local, regional, national or cross-border. This Technical Report is planned to be used together with ISO/TS 21547.

This Technical Report provides guidelines that are intended as a supplement to ISO/TS 21547. The summary of additional guidelines is shown in the Annex A. This Technical Report defines a practical method and describes practical tools which can be used both in the development and management of eArchives fulfilling security requirements set by ISO/TS 21547. Most of those tools are not healthcare specific, but the selection and the implementation of security services and tools should always meet general and healthcare domain-specific requirements set by national legislation, norms and ethical codes.