



# SLOVENSKI STANDARD

## oSIST prEN ISO 17574:2025

01-september-2025

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### **Elektronsko pobiranje pristojbin - Smernice za zaščito varnostnih profilov EFC (ISO/DIS 17574:2025)**

Electronic fee collection - Guidelines for security protection profiles (ISO/DIS 17574:2025)

Elektronische Gebührenerhebung - Leitfaden für Sicherheitsprofile (ISO/DIS 17574:2025)

Perception de télépéage - Lignes directrices concernant les profils de protection de la sécurité (ISO/DIS 17574:2025)

**Ta slovenski standard je istoveten z: prEN ISO 17574**

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35.240.60	Uporabniške rešitve IT v prometu	IT applications in transport

**oSIST prEN ISO 17574:2025**

**en,fr,de**





# DRAFT International Standard

## ISO/DIS 17574

### Electronic fee collection — Guidelines for security protection profiles

*Perception de télépéage — Lignes directrices concernant les  
profils de protection de la sécurité*

ICS: 35.240.60; 03.220.20

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## ISO/DIS 17574:2025(en)

## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

The committee responsible for this document is ISO/TC 204, *Intelligent transport systems*.

This first edition cancels and replaces the third edition of ISO/TS 17574, which has been technically revised.

The main changes are as follows:

- [Clause 3](#) has been updated and ISO 17573-2 has been made the primary source for terms and definitions,
- requirements updated as to reflect the latest version of the ISO/IEC 15408 series.

## ISO/DIS 17574:2025(en)

### Introduction

Electronic fee collection (EFC) systems are subject to several ways of fraud both by users and operators but also from people outside the system. These security threats have to be met by different types of security measures including specified security requirements.

It is recommended that EFC operators use the guidelines provided by this document to prepare their own EFC protection profile (PP), as security requirements should be described from the operator's point of view.

It should be noted that the guidelines provided in this document are intended to be read in conjunction with the underlying international standards ISO/IEC 15408 (all parts). Most of the content of this document is an example shown in [Annex A](#) on how to prepare the security requirements for EFC equipment, in this case, a DSRC-based OBE with an integrated circuit(s) card (ICC) loaded with crucial data needed for the EFC. The example refers to a Japanese national EFC system and should only be regarded as an example.

After an EFC/PP is prepared, it can be internationally registered by the organization that prepared the EFC/PP so that other operators or countries that want to develop their EFC system security services can refer to an already registered EFC/PP.

This EFC-related document on security service framework and EFC/PP is based on ISO/IEC 15408 (all parts). ISO/IEC 15408 (all parts) includes a set of requirements for the security functions and assurance of IT-relevant products and systems. Operators, organizations or authorities defining their own EFC/PP can use these requirements. This will be similar to the different PPs registered by several financial institutions, e.g. for payment instruments like IC cards (ICCs).

The products and systems that were developed in accordance with ISO/IEC 15408 (all parts) can be publicly assured by the authentication of the government or designated private evaluation agencies.

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