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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 1725.1-2020

**CTID online authentication - Information acquisition devices -
Part 1: Resident Identity Card reader for CTID registration
(English Translation)**

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Reference

Foreword

GA/T 1725 "Resident Identity Network Authentication Information Collection Equipment" is divided into four parts.

---Part 1: Open the network card reader for the resident ID card;

---Part 2: Self-service network card activation equipment;

---Part 3: Open network certificate equipment in batches;

---Part 4: Mobile terminal security technical requirements.

This part is part 1 of GA/T 1725.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

Introduction

Resident identity network authentication is one of the important links in the national implementation of the network credible identity strategy. Due to the virtual nature of the Internet, Traditional identity authentication methods can no longer meet the needs of network user applications, and network identity authentication has a variety of authentication methods and identity information.

It is difficult to distinguish between true and false and other shortcomings, and has caused new security issues such as data leakage, fraudulent use of identity, and the spread of privacy, and even threatened national security.

For this reason, it is urgent to carry out research from the perspective of standardization to build a safe, convenient, and unified resident identity network authentication technical framework, so as to be in the cyberspace.

The identification and authentication of residents provide security guarantees, and provide technology for improving the level of my country's network identity management and realizing the modernization of network social governance stand by.

In the resident identity network authentication, the opening of the network certificate is an important link. The resident ID card used to open the network card to open the network card reader it is necessary to technically standardize functional requirements, interface requirements and performance requirements, etc., and specify test methods and inspection rules from detection to make residents' status this part is specially formulated for the specification, safety and controllability of the design and development of the card reader of the card card opening card.

Resident identity network authentication information collection equipment Part 1: Open the resident ID card reader

1 Scope

This part of GA/T 1725 stipulates the technical requirements and test of the resident ID card opening network card reader in the resident identity network authentication system.

Inspection methods, inspection rules, signs, packaging, transportation and storage.

This part is applicable to the development, production, testing and transportation of the resident ID card opening network card reader.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this

document.

GB/T 191 Packaging, storage and transportation pictorial signs GB/T 5271.14-2008
Information Technology Vocabulary Part 14: Reliability, Maintainability and Availability GA
450-2013 General technical requirements for desktop resident ID card readers GA/T
467-2019 Resident ID Card Verification Security Control Module Interface Technical
Specification GA/T 1721 General Terms for Resident Identity Network Authentication GA/T
1722 Overall Technical Framework of Resident Identity Network Authentication

3 Terms and definitions

GA/T 1721 and the following terms and definitions apply to this document. For ease of use, GA/T 1721 is repeatedly listed below Some terms and definitions in.

Cybertrusted identity; CTID Network card Electronic documents used to prove the resident's personal identity in cyberspace have a one-to-one correspondence with resident identity documents.

Note: Resident ID documents include ID cards and entry-exit documents, ID cards include People's Republic of China resident ID cards and permanent foreigners of the People's Republic of China Residence ID, residence permit for Hong Kong, Macao and Taiwan residents of the People's Republic of China, etc.; entry and exit documents including ordinary passport of the People's Republic of China, Hong Kong and Macao residents Mainland permits, etc.

[GA/T 1721-2020, definition 3.1.3] 3.2 Resident ID card opening network card reader
ResidentIdentityCardreaderforCTIDregistration the card reader used to read the machine-readable information of the resident ID card in the process of resident opening the network card.

[GA/T 1721-2020, definition 3.3.1]

4.1 Overview

In the overall technical framework of the resident identity network authentication system given by GA/T 1722, the objects of this part of the specification are shown in Figure 1.