

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

GA/T 1765-2021

**Testing specification for platform software of video and image
information application system for public security**

公安视频图像信息应用平台软件测试规范

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" drafted:

Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document specifies the basic requirements and test contents for the software testing of the public security video image information application platform, establishes the testing procedures and judgments:

Criteria that describe the test method:

This document is applicable to the planning and design, software development and software quality assessment of the public security video image information application platform software:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

GB/T 25000.51-2016 System and Software Engineering System and Software Quality Requirements and Evaluation (SQuaRE) Part 51:

Quality requirements and testing specifications for ready-to-use software products (RUSP)
GB/T 28181 Technical requirements for information transmission, exchange and control of public safety video surveillance networking systems
GA/T 1399.1-2017 Public Security Video Image Analysis System Part 1: General Technical Requirements
GA/T 1400.1-2017 Public Security Video Image Information Application System Part 1: General Technical Requirements
GA/T 1400.2-2017 Public Security Video Image Information Application System Part 2: Technical Requirements for Application Platform
GA/T 1400.3-2017 Public Security Video Image Information Application System Part 3: Database Technical Requirements
GA/T 1400.4-2017 Public Security Video Image Information Application System Part 4: Interface Protocol Requirements

3 Terms and Definitions, Abbreviations

3.1

Terms and Definitions GB/T 25000.51-2016, GB/T 28181, GA/T 1399.1-2017 and GA/T 1400.1-2017 as defined and below Listed terms and definitions apply to this document:

3.1.1

testcase

Inputs, execution conditions developed for a specific goal (for example, for rehearsing a specific program path or verifying compliance with a specific requirement) A collection of items and expected results:

3.2

Abbreviations

The following abbreviations apply to this document:

BMP: Bitmap file (Bitmap) CIF: Common Intermediate Format
(CommonIntermediateFormat) GIS: Geographic Information System
(GeographicInformationSystem) GPS: Global Positioning System
(GlobalPositioningSystem) IP: Internet Protocol (Internet Protocol) JPEG: Joint
Photographic Experts Group (JointPhotographicExpertsGroup)