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GA

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

GA/T 1146-2019

**General technical specifications for integrated traffic command
platform of public security**

公安交通集成指挥平台通用技术条件

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and definitions
4 Classification
5 Deployment
6 Operating environment requirements
7 Function
8 Safety requirements
9 Performance requirements
10 Verification requirements

Foreword

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

This standard replaces GA/T 1146-2014 "Structure and Function of Public Security Traffic Integrated Command Platform". Compatible with GA/T 1146-2014 in addition, in addition to editorial changes, the main technical changes are as follows.

- Modified the standard name (see cover, cover of 2014 edition);
- Modified the definition of public security traffic integrated command platform (see 3.1, version 3.1 in 2014);
- Modified the definition of the basic application system (see 3.2, 3.2 in the 2014 version);
- Deleted the definition of sudden road traffic incident (see 2014 version 3.3);
- Deleted the definition of access status (see 3.4 in 2014 version);
- Deleted the definition of highway traffic safety situation (see 2014 version 3.5);
- Modified the classification (see 4.1, 4.2, 4.3, 4.4, 2014 version 4.1.1, 4.1.2, 4.1.3, 4.1.4);
- Modified the application (see 5.1, 5.2, 5.3, 5.4, 4.2.1, 4.2.2, 4.2.3, 4.2.4 of the 2014 edition);
- Deleted the structure (see Chapter 5 of the 2014 edition);
- Increased operating environment requirements (see Chapter 6);

- Modified the function configuration (see 7.1, 6.1 of the 2014 version);
- Modified the functional requirements of road traffic status monitoring (see 7.2.1.1, 6.2.1.1 of the 2014 edition);
- Modified the functional requirements for the monitoring of sudden road traffic incidents (see 7.2.1.3, 6.2.1.2 of the 2014 edition);
- Modified the video surveillance function requirements (see 7.2.1.2, 6.2.1.6 in 2014 version);
- Modified the traffic control monitoring function requirements (see 7.2.1.4, 2014 version 6.2.1.5);
- Removed the severe weather monitoring function requirements (see the 2014 version of 6.2.1.3);
- Removed the monitoring function requirement of construction occupation road (see 6.2.1.4 in 2014 version);
- Modified the functional requirements of traffic signal control settings (see 7.2.2.1, 6.2.2.1 of the 2014 edition);
- Modified the road traffic information release function requirements (see 7.2.2.2, 2014 version 6.2.2.2);
- Modify the special mission task control and scheduling function requirements (see 7.2.2.3, 2014 version 6.2.2.3);
- Removed the temporary traffic control function requirements (see 6.2.2.4 of the 2014 edition);
- Modified the requirements for traffic security functions of large-scale events (see 7.2.2.4, 6.2.2.5 of the 2014 edition);
- Added special action management function requirements (see 7.2.2.5);
- Modified the requirements for the functions of deployment management (see 7.2.3.1, 6.2.6.1 of the 2014 edition);
- Modified the warning management function requirements (see 7.2.3.2, 2014 version 6.2.6.2);
- Modified the requirements of the track query function (see 7.2.3.3, 2014 version 6.2.6.3);
- Modified the off-site illegal evidence collection function requirements (see 7.2.4, 2014 version 6.2.7);
- Added requirements for key vehicle management and control functions (see 7.2.5);
- Added the functional requirements for vehicle operation situation analysis (see 7.2.6.1);

- Added safety analysis function requirements for key road sections (see 7.2.6.2);
- Modified the functional requirements for traffic illegal situation research and judgment (see 7.2.6.3, 6.2.4.2 of the 2014 edition);
- Modified the functional requirements of traffic accident situation research and judgment (see 7.2.6.4, 2014 version 6.2.4.3);
- Deleted the functional requirements for traffic flow situation research and judgment (see 6.2.4.1 of the 2014 edition);
- Removed the requirements for weather situation research and judgment (see 6.2.4.4 of the 2014 edition);
- Removed the functional requirements for comprehensive assessment of the security situation (see 6.2.4.5 of the 2014 edition);
- Added the functional requirements for intelligence analysis of car-related cases (see 7.2.6.5);
- Added travel characteristics and safety analysis function requirements for key vehicles (see 7.2.6.6);
- Added functional requirements for urban traffic operation research and judgment analysis (see 7.2.7);
- Removed the event reporting function requirements (see 6.2.3.1 of the 2014 version);
- Removed the incident response function requirements (see 6.2.3.2 of the 2014 version);
- Modified the requirements for emergency response functions (see 7.2.8.1, 6.2.3.3 of the 2014 edition);
- Modify the emergency plan management function requirements (see 7.2.8.2, 6.2.3.5 in 2014 version);
- Modified the requirements for the live video connection function (see 7.2.8.3, 6.2.3.6 in the 2014 version);
- Modify the functional requirements for event collaboration processing (see 7.2.8.4, 2014 version 6.2.3.4);
- Increased the comprehensive information service function requirements (see 7.2.9);
- Increased road traffic public service function requirements (see 7.2.10);
- Modified the functional requirements of the service arrangement (see 7.2.11.1, 2014 version 6.2.8.2.1);
- Added function requirements for online supervision of duty (see 7.2.11.2);

- Modified the function requirements for duty assessment (see 7.2.11.3, 2014 version 6.2.8.2.2);
- Increased police force arrangement optimization function requirements (see 7.2.11.4);
- Removed the police resource management function requirements (see the 2014 version of 6.2.8.1);
- Added monitoring equipment monitoring and operation and maintenance function requirements (see 7.2.12);
- Modified the functional requirements for traffic management data maintenance (see 7.2.13.1, 6.2.5.4 of the 2014 edition);
- Modify the functional requirements of the road basic information management (see 7.2.13.2, 6.2.5.1 of the 2014 edition);
- Removed the functional requirements of traffic facility information management (see 6.2.5.2 of the 2014 edition);
- Removed the emergency rescue resource management function requirements (see 6.2.5.3 of the 2014 edition);
- Removed the electronic map management function requirements (see 6.2.9 in the 2014 version);
- Modify the user management function requirements (see 7.2.14.1, 2014 version 6.2.10.2);
- Added information interface authorization management function requirements (see 7.2.14.2);
- Added system parameter configuration function requirements (see 7.2.14.3);
- Removed the requirement of operation supervision function (see 6.2.10.1 of the 2014 edition);
- Removed the log management function requirements (see 6.2.10.3 of the 2014 version);
- Modified the internal data transmission function requirements (see 7.2.15.1, 2014 version 6.2.11.1);
- Modified the external data interaction function requirements (see 7.2.15.2, 2014 version 6.2.11.2);
- Added safety requirements (see Chapter 8);
- Increased performance requirements (see Chapter 9);
- Increasing the information requirements of the command platform (see 8.1);