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

SF/T 0057-2019

**Smart correction mobile application technical specifications
(English Translation)**

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Foreword

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

Please note that certain contents of this document may involve patents. The issuing agency of this document is not responsible for identifying these patents.

This standard was proposed by the Community Corrections Administration of the Ministry of Justice.

This standard is under the jurisdiction of the Information Center of the Ministry of Justice.

Drafting organizations of this standard. Community Corrections Administration of Ministry of Justice, Jiangsu Provincial Department of Justice, 15th Research Institute of China Electronics Technology Group, Blue Letter China Mobile (Beijing) Technology Co., Ltd., Foshan Municipal Technology Co., Ltd.

1 Scope

This standard specifies the general rules, functional classification, functional requirements and application security requirements for smart correction mobile applications.

This standard applies to the planning, design, construction and management of smart correction mobile applications.

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 document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 22239 Information Security Technology Network Security Level Protection Basic Requirements GB/T 35278 Information Security Technology Mobile Terminal Security Protection Technical Requirements GB/T 35281 Information Security Technology Mobile Internet Application Server Security Technical Requirements SF/T 0012 Technical Specification for Network Platform of National Judicial Administration System SF/T 0015 National Community Corrections Management Information System Technical Specifications SF/T 0016 National Community Correction Personnel Positioning System Technical Specifications SF/T 0049-2019 Technical specifications for judicial administrative mobile law enforcement system SF/T 0055-2019 Community Correction Terms Notice of Sifatong [2012] No. 126 on Issuing and Using the "Community Correction Law Enforcement Document Format"

3 Terms and definitions

The terms and definitions defined in SF/T 0055-2019 and the following are applicable to this document. For ease of use, SF/T is listed repeatedly below Certain terms and definitions in 0055-2019.

Community-corrections integrated information platform Vertically connect the five levels of ministries, provinces, cities, counties and townships, horizontally connect courts, procuratorates, public security and related departments, and integrate big data analysis, Artificial intelligence, mobile Internet and Internet of Things technologies, integrate various intelligent and integrated applications of community correction, and have full service and full flow of community correction Integration of business applications with intelligent, unified operation and management functions for all-time processes and full-time.

[SF/T 0055-2019, definition 5.2] 3.2 Community-corrections mobile application Use the Internet and related advanced technologies to extend the provincial community corrections integration platform to the mobile terminal, where social corrections staff and social workers, it is used by social correction objects and social force participants to realize mobile management and service applications.

Note: Community correction mobile applications can support mainstream mobile application types and forms, including H5, native APP, and semi-native APP.

Mobile terminal

Portable and mobile terminal equipment can be installed and used for community correction mobile application system.

Note: Mobile terminals include general law enforcement terminals or special law enforcement terminals used by social correction staff and social workers, as well as social correction objects and

social force participants.

Smart phones and tablet computers with wireless Internet access capabilities are used.

4 General

4.1

The community corrections mobile application should be the mobile portal of the provincial community corrections integrated platform, which is the extension of the integrated platform function on the mobile terminal.

Extend, the display form should include APP and mini program, etc.

4.2

Community corrections mobile application business processing, business approval and data collection shall meet the requirements of SF/T 0015.

4.3

Community corrections mobile applications should meet the technical requirements for mobile applications in SF/T 0049-2019.

4.4

The community correction mobile application should support connection and mutual connection through a dedicated VPN (virtual private network)/APN (access point name) access channel.

The networked and isolated business network has security and confidentiality.

5 Function classification

The community corrections mobile application is the mobile portal of the provincial community corrections integration platform. It should rely on the provincial community corrections integration platform.

Basic business, positioning supervision, distance education and remote assistance modules, for the participation of social correction staff and social workers, social correction targets and social forces Three types of personnel (correction team members, volunteers, etc.) provide application services. The functional classification of community corrections mobile applications is shown in Figure 1. Content like under.

a) Social correction staff and social worker mobile application functions should include positioning, investigation and evaluation, correction connection, on-site verification, community service group Business processing functions such as implementation of organization, implementation of education and learning organization, implementation of adaptive assistance organization and removal of corrections, as well as business approval

Function, etc.;

- b) The mobile application functions of social correction objects should include electronic positioning, daily reports, community services, education and learning, and adaptive assistance;
- c) The mobile application functions of social force participants (correction team members, volunteers, etc.) should include community service information query, education Learning information inquiry and adaptive assistance information inquiry, etc.;
- d) Community corrections mobile applications should focus on architecture security, mobile terminal security, server security, network security, data security, and transmission security.

The security requirements of all aspects such as full identity authentication are fully considered, and the national and industry-related standards and regulations should be adopted.

Ensure safety.

Figure 1 Classification of community correction mobile applications

6.1.1 Positioning

Relying on the positioning supervision module of the provincial community correction integrated platform, the following functions are realized.

- a) Positioning of social correction staff and social workers. The social correction staff and social workers should be located through Beidou, GPS, base station and WIFI.

Positioning information report;

- b) Social correction object positioning monitoring. social correction staff and social workers can view the location information of social correction objects through the mobile terminal;
- c) Abnormal alarm reminder. Alarm reminder of abnormal situations should be carried out by means of messages, text messages and phone calls;
- d) Remote disposal. social correction staff and social workers can handle abnormal alarm events through the mobile terminal;
- e) Should meet the requirements of SF/T 0016.

6.1.2.1 Investigation and evaluation

Relying on the basic business modules of the provincial community correction integration platform, the following functions are realized.

- a) Identity verification. The identity of the person under investigation shall be verified by technical means such as biometric identification and person-to-verification comparison;