

ICS 13.310
CCS A91



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

GB/T 16676-2010

Replacing GB/T 16676-1996

**Specification of alarm and monitoring network system for bank
security and protection**

银行安全防范报警监控联网系统技术要求

Issued on: November 10, 2010

Implemented on: May 1, 2011

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

Note. some of the content of this standard may involve patents, the issuing authority of this standard does not assume the responsibility to identify these patents. This standard is GB/T 16676-1996 "banking business premises security engineering design specifications" amendments. This standard replaces GB/T 16676-1996. This standard and GB/T 16676-1996 compared to the main changes are as follows:

--- Standard name was changed to "bank security alarm monitoring and control network system technical requirements";

--- Remove the banking business premises security engineering design content;

a) Bank security alarm monitoring and control network system architecture, building principles, functional requirements, performance requirements, security requirements, Reliability requirements, electromagnetic compatibility requirements, environmental adaptability requirements, operation and maintenance requirements, etc;

b) local bank security systems, monitoring center, user terminal, transmission network and other basic objects in a networked system in Building Claim;

c) the process of building networking system alarms and video and audio monitoring network functional requirements, and management control, user rights management, electrical Son maps, unified addressing management functions such as clock synchronization requirements;

d) transmission network networking system, alarm linkage response time, video quality and other performance requirements;

e) networking system in the process of building the systems and interfaces with other systems networking requirements. Appendix A of this standard is an informative annex. The standard proposed by the People's Republic of China Ministry of Public Security. This standard by the National Security Alarm Technical Committee of Standardization System

(SAC/TC100) centralized. Drafting of this standard. Beijing Sound Xun Electronics Co., Ltd., Shanghai Yue-day Science and Technology Co., Ltd., Guangzhou-Ho-yun Security Technology Engineering have Limited, Beijing in the security shield technology development company, Guangdong Zhicheng Champion Group Co., Ltd., Haidibaoan Security Equipment Co., Ltd., Beijing silver Albert River Digital Co., Ltd. Nanjing new Sochi, Industrial and Commercial Bank of China, Agricultural Bank of China, Bank of China, China Construction Bank OK, HSBC Bank (China) Limited. The main drafters of this standard. Nie Rong, Peng Hua, Long wins, Baoshi Long, Cuiyun red, Li Mingying, Xu Zhiwei, thunderstorm, seeking Qiu Jin, Ren Ji, Deng Muqiong, Feng Yongzhi, Xiong Zili, Baoyu Jie, Yu and early. This standard replaces the standards previously issued as follows:

--- GB/T 16676-1996. Bank security alarm monitoring and control network system skills requirement

1 Scope

GB/T 16676-2010 is the Chinese national standard on specification of alarm and monitoring network system for bank security and protection, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 November 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2011. Classification: ICS 13.310, CCS A91. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the bank security alarm monitoring and control network system (GAINS) system architecture, build the basic requirements, to function Requirements, performance requirements, interfaces and protocol requirements, security requirements, reliability requirements, electromagnetic compatibility requirements, environmental adaptability requirements, operation and maintenance Requirements for technical content. This standard applies to financial institutions in the banking business premises, self-networking equipment, self-service banking, cash and other important business area of the library System construction, is a networked system design, construction, inspection and acceptance basis. Construction of other financial institutions may refer to the implementation of networked systems.

2 Normative references

The following documents contain provisions which, through reference in this standard and

become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 20815-2006 video monitoring digital video equipment

GB 50348-2004 security engineering and technical norms

GB 50394 intrusion alarm systems engineering

GB 50395 video security monitoring systems engineering design specifications

GB 50396-2007 access control systems engineering GA38-2004 Bank Business risk level and security level requirements GA/T 367-2001 video security monitoring system technical requirements GA/T 368 intrusion alarm system technical requirements GA/T 394 Access Control System Technical Requirements GA/T 669.1-2008 urban network alarm monitoring system of technical standards - Part 1. General technical requirements Provisions GA745-2008 bank self-service equipment of self-service banking security GA858-2010 library banking security requirements YD/T 1171-2001 IP network technology requirements --- network performance parameters and indicators

3.1 Terms and Definitions

GB 50348-2004, GA38-2004 GA745-2008 and well established in the following terms and definitions apply to this standard.

3.1.1 Bank security alarm monitoring and control network system

alarm and monitoring network system for bank security and protection To maintain the bank for the purpose of security, based on local bank security systems, the use of network technology to build an information collection/transmission/control System/display/storage/management and other functions, can within the scope of the jurisdiction of banks need to guard against targets in alarm, audio and video monitoring and security management Proprietary network system.

3.1.2 Local security systems local security and protection system Banking sites, self-service equipment, self-service banking, cash business libraries, and other important areas of building security system, generally by the