



StreamGuard[®] Conditional Access

StreamGuard[®] is the world's leading conditional access system for Pay-TV. It's now serving operators in over 90 countries, and enables over 200 million people in the world to enjoy video entertainment.

From cable to satellite, terrestrial, mobile and internet, StreamGuard[®] protects your service and content —anytime, anywhere and on any device. Together with StreamGuard[®] DRM, your Pay-TV business can securely deliver content over a variety infrastructure to many kinds of consumer electronics. Our mission: Digital content security protection, protect your revenue by restricting access only to subscribers with authorization.

In Pay-TV business, security will never be a compromise. Operators rely on us because our zero tolerance for piracy.

- Hardware encryption design guaranteeing high level system security
- Multi-level keys with various encryption algorithms make piracy impossible
- Self-designed core COS for smartcard
- Smartcard has various mechanisms inside against attacks
- Smart card chipset security level EAL5+
- Zero piracy record

StreamGuard[®] CA solutions enable you to address new market opportunities by introducing innovative concepts such as:

- Flexible product package strategy
- Enhanced Free-Preview
- Pre-Authorization
- Master-Slave Card
- Area lock: Enable operators adopt various price strategies between different areas
- IPPV/IPPT: Impulse Pay Per View or Time provides operators a high flexibility of operating strategies
- AAR: Sumavision self-developed authorization technology, greatly reduces the network traffic and shorten the authorization processing time

Common Function

Fingerprint (Covert/Overt)
 STB-Card pair
 Blacklist Control
 TV Message (Email)
 On-Screen Display (OSD)
 Force Message

OPPC
 OPPV
 PIN Protection
 PVR Control
 Multi-Level CA

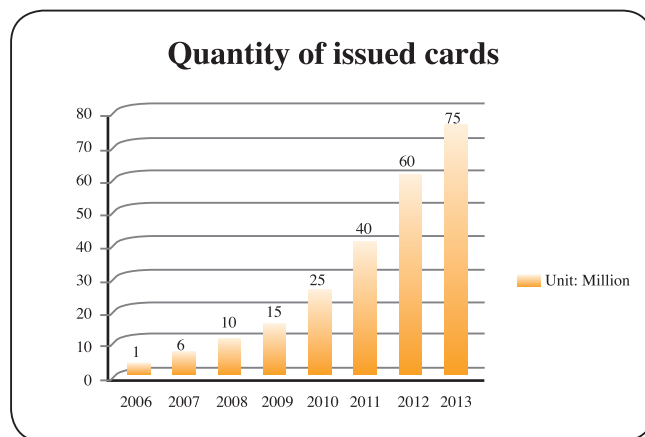
Distinguished Function

Authorization Management
 Pre-Authorization
 Enhanced Free-Preview
 AAR
 IPPV
 IPPT

Area Lock
 Program Filtering
 Master-Slave Card
 Advanced Addressing
 Emergency Broadcast
 Online Authorization

Market

- Support over 10 million subscribers in single network
- Cooperate with major operators in many countries and regions
- Already 500 CAS projects deployed and 75 million smartcards issued globally
- Fastest CAS growth rate in occupying new market



Chip/STB partners:



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