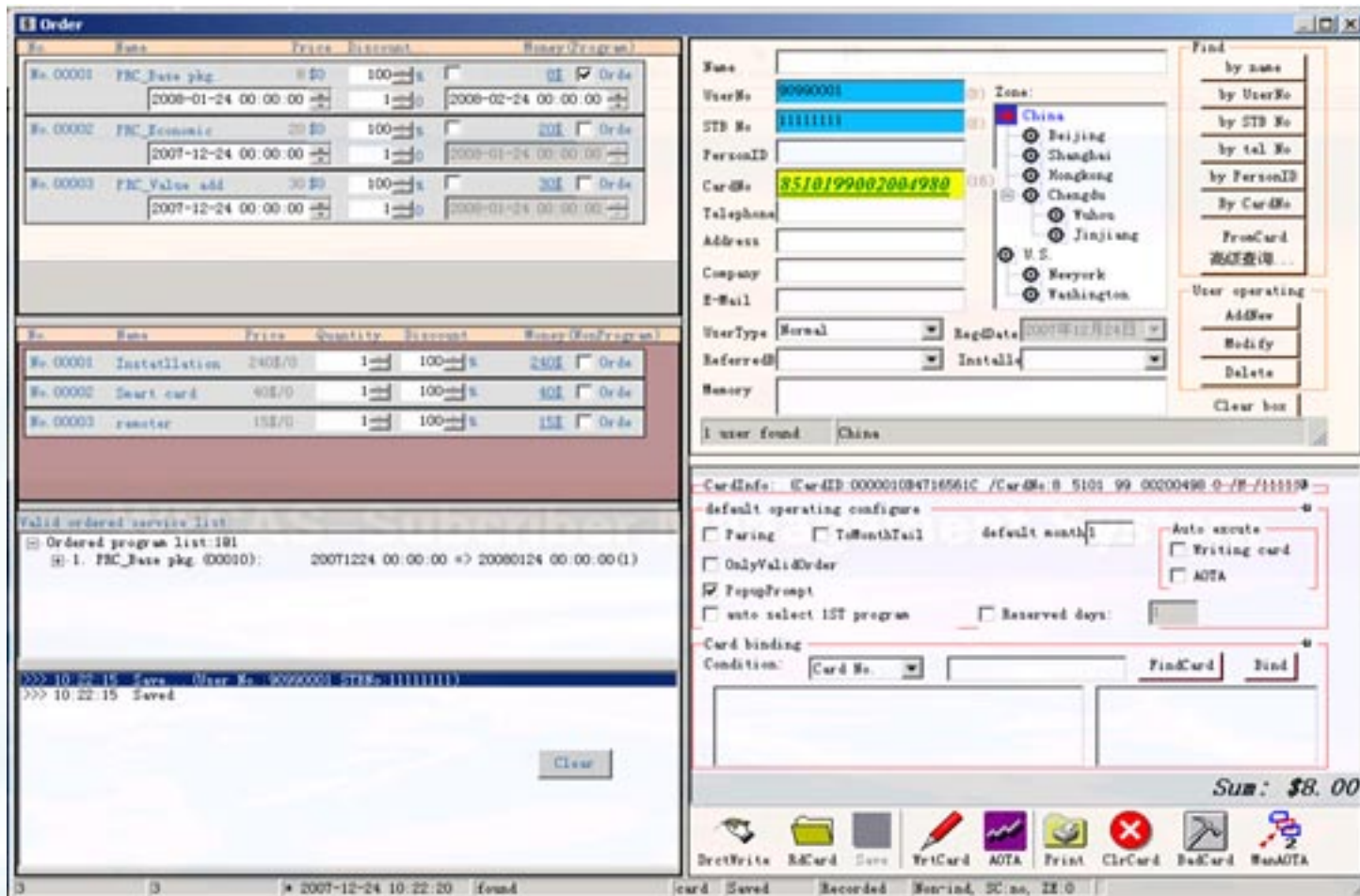


Subscriber Management System(SMS)

Subscriber management system provides a complete and effective management and support system to the digital TV business management and operation modes. It has realized the integrated management of subscriber and unified management of various business and services. Meanwhile, it provides the function which can ease control and management of the program provider.



SMS sends authorization request to the subscriber authorization information generator EMMG of TL-DragonCrypt CAS via SMS-I of TL-DragonCrypt CAS; EMMG generate authorization information EMM and insert it into multiplexer or scrambler, according to DVB simulcrypt standard interface protocol. And then multiplexer or scrambler multiplexes the received subscriber authorization information EMM into transport stream.

The key to the integration of TL-DragonCrypt CAS and SMS is the interface instructions of SMS and TL- DragonCrypt CAS EMMG. Our SMS interface is open to the third party subscriber management system.

» ID	» authority name	» ID	» authority name
» 1	» System configuration	» 16	» Write card
» 2	» Read card	» 17	» Direct write card
» 3	» Invoice format configuration	» 18	» Bill delete
» 4	» Account	» 19	» Replace card
» 5	» Operator management-delete	» 20	» Delete card
» 6	» Operator management- authority modification	» 21	» Charge-discount
» 7	» Operator management-append	» 22	» Backup database
» 8	» Operator management-reset a password	» 23	» Formulate discount strategy
» 9	» Product management	» 24	» Subscriber number account-open
» 10	» Program management	» 25	» Subscriber number cancel
» 11	» The user operation	» 26	» Subscriber number -modification
» 12	» Subscriber-account-open	» 27	» The subscriber statistics analysis
» 13	» Subscriber-modify data	» 28	» The match between machine and card
» 14	» Subscriber-cancel	» 29	» marking fault card
» 15	» Charge	» 30	» sale special product

» ID	» Operation type	» operation sub-type	» operation result	» Description 1
» 1	» Register	» Log on	» Success or failed	» business ID
» 2	» Register	» Log off	» Success or failed	» business ID
» 3	» Subscriber-account-open	»	» Success or failed	» customer number
» 4	» Subscriber-modification	»	» Success or failed	» customer number
» 5	» Subscriber-cancel	»	» Success or failed	» customer number
» 6	» Program-append	»	» Success or failed	» transmission flow a marking
» 7	» Program-modify	»	» Success or failed	» transmission flow a marking
» 8	» Program-delete	»	» Success or failed	» transmission flow a marking
» 9	» Operator-add	»	» Success or failed	» Operator ID
» 10	» Operator-modify	»	» Success or failed	» Operator ID
» 11	» Operator-delete	»	» Success or failed	» Operator ID
» 12	» Product-add	»	» Success or failed	» Product ID
» 13	» Product-modify	»	» Success or failed	» Product ID
» 14	» Product-delete	»	» Success or failed	» Product ID
» 15	» Product-change programs	»	» Success or failed	» Product ID

Detailed operation logs: the essential operations (each log records the information of operator's ID, computer IP, network card address, title, operation time, operation results, description, etc.) of system administrator and ordinary toll collector will be recorded in the database for checking at any time.



Subscriber Capacity :

MS SQLServer2000 database management system is the main database product of Microsoft-the largest software company in the world, which can support the management for 3,000,000 subscribers.



Software Dog

Adopt USB hardware with CPU and softdog to avoid abusing at the subscriber's end.