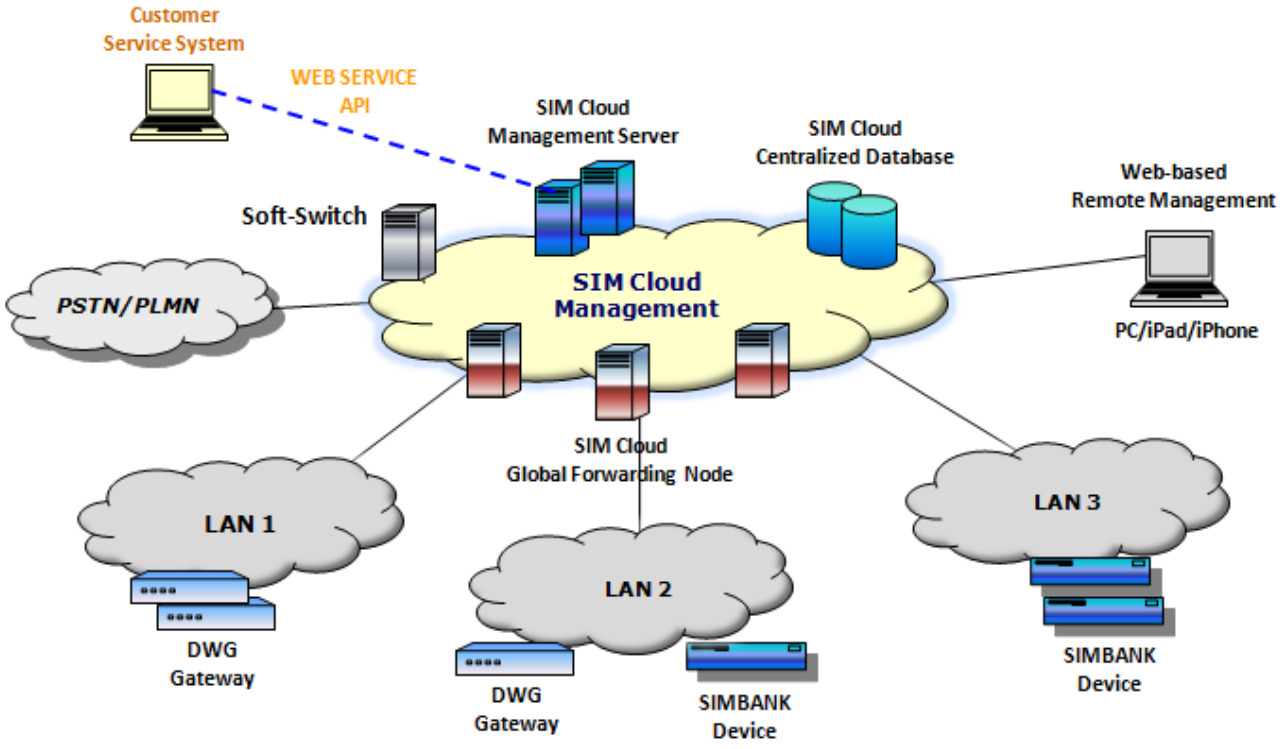
SIM Cloud

SIM Cloud is centralized SIM card management system which is based on the newest cloud communication technologies. Ready–To–Deploy, customer needn't setup extra hardware server, and easy to start with SIM Cloud. SIM Cloud provides device management, SIM card management, human behavior simulation, real–time statistics and Open Web–Service API.

SIM Cloud Application



Decade Focused
Creates the High–quality Products

Key Features

1. Ready–To–Deploy SIM Cloud
2. Commercial Database, Mass Storage and High Security
3. Global Forwarding Nodes
4. Bandwidth Compression and Signal/Media Encryption
5. Flexible SIM Allocation and Credit Usage
6. Auto Recharge and Promotions Management
7. Human Behavior Simulation
8. Auto SMS/Call Generation
9. Real–time SIM Card Availability Detection
10. Anti Call Scanning
11. 15M/24H Performance Statistics
12. Mass CDR/SMS/USSD Records
13. Open Web–Service API and Customized Service

Deploy & Transmission

- Redundancy Servers in Cloud
- Commercial Database and High Security
- 24 Hours Database Backup
- Independent Customer Domain
- Signal/Media Bandwidth Compression
- Signal/Media Encryption and Decryption
- Support NAT Traversal
- Support Redundant Comm. Connections

Device Management

- Graphical WEB Interface
- Device Automatic Provision
- Support Multiple Timezones
- Support Running Status Monitoring
- Support Enable/Disable/Reset Operation
- Support Alarm/Log Management
- Support Batch Devices Upgrade
- Support Remote–Web via NAT Traversal
- Support Remote–CLI via NAT Traversal

Customer First
Services More Intimately

SIM Card Intelligent Allocation

- Support SIM Card Switchover by working time(BEGIN→END)
- Support SIM Card Switchover by working day (Mon, Tue, Wed ⋯ Sun)
- Support Multiple SIM Groups
- Support Multiple Local Timezones of SIM Card
- Support Different SIM Card Priorities
- Support Once/All Call Count Conditions
- Support Once/Day/Month/All Call Time Conditions
- Support Once/Day/Month/All SMS Conditions
- Support Once/Day/Month/All USSD Conditions
- Support SIM Card Work/Idle Time Conditions
- Support SIM Card Left Balance Condition

SIM Card Auto Promotion

- Support Automatic Promotion Apply via SMS/USSD
- Support Automatic Promotion Check via Left Call–Time and Expire–Time
- Support Multiple Package Conditions In One Promotion

SIM Card Human Behavior

- Support Dynamic Assigned IMEI for SIM Card
- Support SIM Card Roaming among Different sites
- Support SIM Card Promotion Management
- Support Auto SMS/USSD after SIM Card REGISTER–OK
- Support Auto SMS/USSD after SIM Card CALL–END
- Support Auto SMS Generation
- Support Auto Call Generation
- Support Abnormal ACD Detection
- Support Anti–Call–Scanning

SIM Card Auto Recharge

- Support Automatic Balance Check via SMS/USSD
- Support Automatic Balance Check via Left Call–Time
- Support Auto Recharge based on Balance Check
- Support SIM Card Recharge via SMS/USSD/CALL
- Support Manual Recharge
- Support Paid List Importing
- Support Multiple Paid Groups
- Support Recharge Fail Detection and Configurable Retries

Trust Growth Cooperation Sharing

Performance Statistics

- Support 15Min/24Hour Performance Statistics
- Support Graphical Performance Statistics Report
- Support Performance Statistics based on Domain
- Support Performance Statistics based on Device
- Support Performance Statistics based on Port
- Support Performance Statistics based on SIM Group
- Support Performance Statistics based on SIM Card
- Support Mass CDR/SMS/USSD List in SIM Cloud

SIM Cloud Capacity

Based on Domain Levels: TRIAL, VIP–1, VIP–2 and VIP–3
Maximum 1000 Domains
Maximum 1000 Devices per Domain
Maximum 1,000,000 CDR Records per Domain
Maximum 1,000,000 SMS Records per Domain
Maximum 3 Months of 15Min Statistics History per Domain
Maximum 1 Year of 24Hour Statistics History per Domain

Alarm/Log Management

- Support Device Alarm Reporting
- Support Configurable Alarm Level
- Support Configurable Alarm Filter
- Support Current Alarm List
- Support History Alarm List
- Support Alarm Notification via E–Mail
- Support Alarm Notification via SMS
- Support Alarm Notification via CALL
- Support User Operation Log
- Support Device Running Log

Open Web–Service API

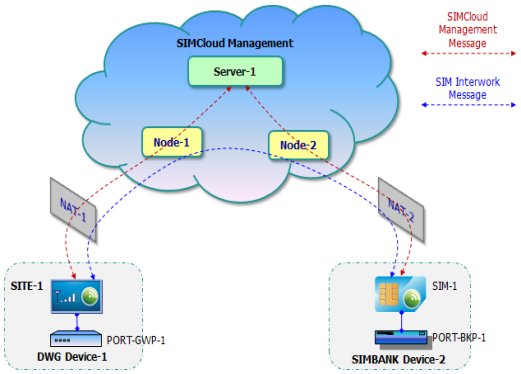
- Support API Security Authentication
- Support Device List Polling
- Support Device Info Polling
- Support Device Setting
- Support Port List Polling
- Support Port Info Polling
- Support Port Setting
- Support DWG–SIMBANK Port Binding
- Support SMS Sending
- Support Received SMS Polling
- Support USSD Sending
- Support Received USSD Polling
- Support Test Call Sending
- Support Test Call Result Polling
- Support CDR List Polling

Focus Innovation Transformation

SIMBank

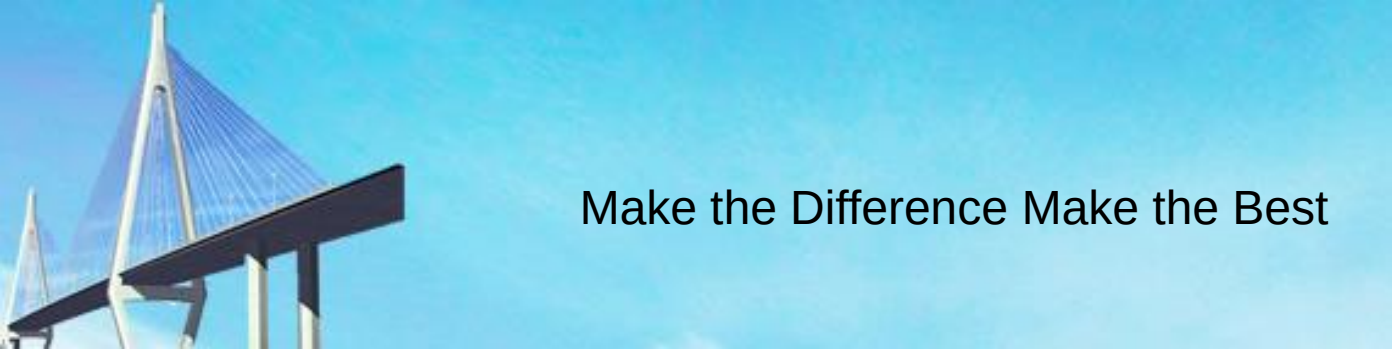
Dinstar SIM Bank is a centralized storage device which allowing to store up to 128 SIM cards or any other smart card. Together Dinstar SIM Server and GSM/WCDMA VoIP Gateway, it provides complete wireless VoIP solution for clients based on cloud environment. Moreover, all SIM card information is process and transmits through private protocol ensure that high reliability IP network communication between SIMbank and GSM/WCDMA VoIP Gateway.

Product Picture



Key Features

1. NAT Traversal
2. 128 SIM Slots Maximum
3. Dynamic Allocation of SIM Cards
4. High Reliability Data Transmit Mechanism
5. Remote SIM Card, Easy to Replace SIM Card
6. Hot Swap of SIM Cards with No Service Interruption
7. Remote Management, Easy to Maintain Devices



Specifications

SIM	
Capacity	128 SIM Slots Maximum
SIM Type	GSM, USIM–UMTS
Interfaces	
Local	COM Port with RJ–45 Connector
Netework	10/100 Base–T RJ45
Management	
Local	Friendly Web GUI Interface
Remote	Remote Web Access through SIM Cloud System
Firmware Upgrade	Local Firmware Upgrade through Web Interface Remote Upgrade through Auto Provisioning
Environmental	
Work Temperature	0–40 ℃
Storage Temperature	–20–70 ℃
Humidity	10%–90%
Others	
Dimensions	437*260*66.6mm
Weight	3.8kg
Main Power	
Power Supply	AC 110~220V,50~60Hz
Power Consumption	22W

DINSTAR

DISCOVERY telecom

The Gateway to VoIP World