

Dinstar SIMCloud & SIMBank

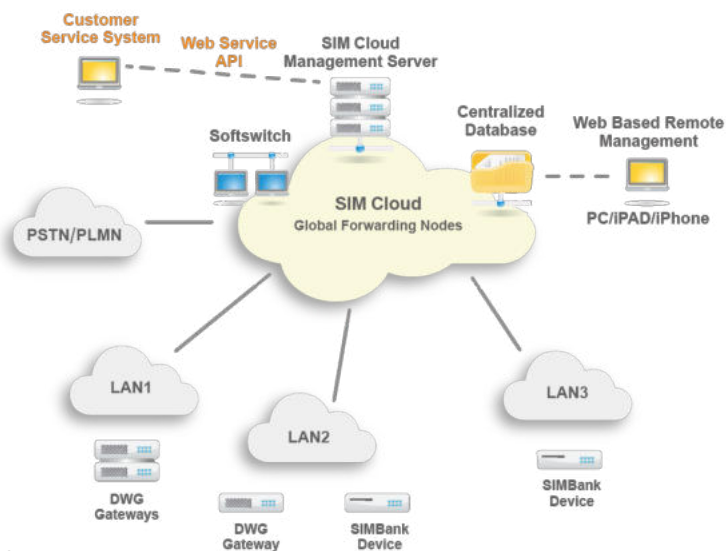
SIMCloud

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.

Key Features

- Ready-To-Deploy SIM Cloud
- Commercial Database, Mass Storage and High Security
- Global Forwarding Nodes
- Bandwidth Compression and Signal/Media Encryption
- Flexible SIM Allocation and Credit Usage
- Auto Recharge and Promotions Management
- Human Behavior Simulation
- Auto SMS/Call Generation
- Real-time SIM Card Availability Detection
- Anti Call Scanning
- 15M/24H Performance Statistics
- Mass CDR/SMS/USSD Records
- Open Web-Service API and Customized Service

SIM Cloud Application



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

SIM Card Human Behavior

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

Performance Statistics

15Min / 24Hour Performance Statistics
Graphical Performance Statistics Report
Performance Statistics based on Domain
Performance Statistics based on Device
Performance Statistics based on Port
Performance Statistics based on SIM Group
Performance Statistics based on SIM Card
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

Device Management

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

SIM Card Auto Recharge

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

Alarm/Log Management

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

SIM Card Intelligent Allocation

SIM Card Switchover by working time / by working day
Multiple SIM Groups
Multiple Local Time zones of SIM Card
Different SIM Card Priorities
Once/All Call Count Conditions
Once/Day/Month/All Call Time Conditions
Once/Day/Month/All SMS Conditions
Once/Day/Month/All USSD Conditions
SIM Card Work/Idle Time Conditions
SIM Card Left Balance Condition

SIM Card Auto Promotion

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

Open Web-Service API

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

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.

Key Features

- NAT Traversal
- 128 SIM Slots Maximum
- Dynamic Allocation of SIM Cards
- High Reliability Data Transmit Mechanism
- Remote SIM Card, Easy to Replace SIM Card
- Hot Swap of SIM Cards with No Service Interruption
- Remote Management, Easy to Maintain Devices



SIMBank

Specifications

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

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DINSTAR

About Us

Founded in 2011 in Shenzhen, DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones and SBCs, we have been delivering more agile, efficient and affordable communication solutions and unparalleled communication experiences to our customers with our reliable, innovative and future-proof products for years. Through our value-added distributors and resellers worldwide, now DINSTAR serves telecom operators, service providers, system integrators, enterprises, SMBs and OEM partners in over 100 countries.