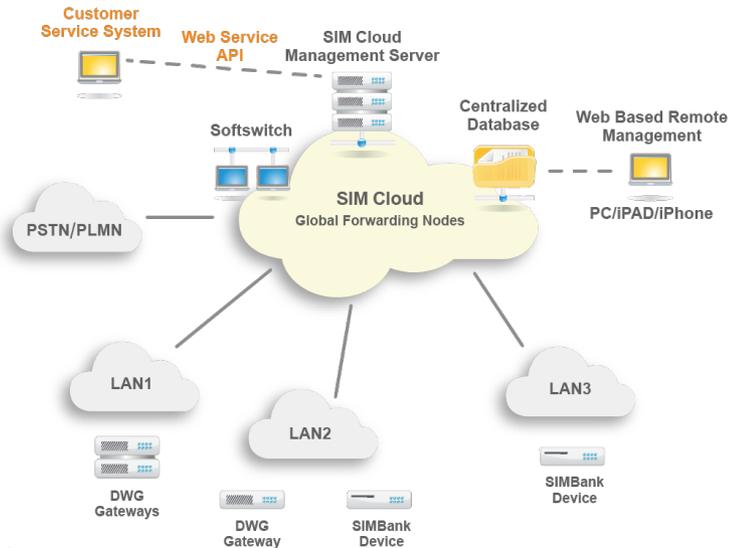# Dinstar SIMCloud & SIMBank

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 ℃
	Storage Temperature	-20-70 ℃
	Humidity	10%-90%
	Dimensions	437*260*66.6mm
	Weight	3.8kg
	Power Supply	AC 110~220V,50~60Hz
	Power Consumption	22W

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.

DINSTAR