

InfiNET Current Version V1.8.0 Feature List

Basic Call Features

Advance Features

Application Support

Business Support

Billing Feature

Service Management

Network Management

Standard Protocol

Print Version

Basic Call Features	Description
Additional phone number	One account can apply for several Virtual Numbers
Caller ID	Caller ID will show you the phone number of your incoming caller on your Caller ID device whenever it is available
Caller ID Display by Name	You can tell who's calling you before you answer the phone. Caller ID by Name will show you the name and phone number of your incoming caller on your Caller ID device whenever it is available. It's compatible with any Caller ID with Name-enabled touch-tone phone or device. It's an excellent way to manage your incoming calls.
Caller ID block	Protect your privacy and prevent your phone number from showing up on telemarketing lists! Use Caller ID block so people you call can't see your phone number.
Unconditional Call forward	To always forward all your calls to another number
Call forward on no	Diverts all your calls to another number while without answer
Call forward on busy.	Diverts all your calls to another number while the phone is busy
Call forward on offline	Diverts all your calls to another number while your phoning device is offline
Call Hold	Enables you to put a caller on hold while a second call is answered or made
Call Waiting	When a new call comes in while you are on a call, You will receive "Call waiting tone". To receive this call, press the "Flash" button on the telephone or Netphone. If your telephone does not have a "Flash" button, you may press and release the "Hook Switch"
Call Transfer	Call transfer allows you to direct calls to anywhere you want in the United States and Canada. After you answer a call, you may have your call transferred to a phone number of your choosing. For example, your cell phone, your office phone or to any phone number in the United States and Canada. Your calls are transferred immediately.
3-way calling	Conference 1 internal, and 2 external or 2 internal, and 1 external parties.
IP Fax	A feature enables users to send and receive fax messages over Internet
Video Call	InfiNET can support Video call

Advanced Features	Description
Call Routing by Priority	Can use information about termination costs to choose the best route(least-cost routing)
Group based Number Rewriting	Rewrite number according to different business group. This gives you the ability to hide certain required dialing strings from your users to help make your dialing plan more consistent.
Route Based Number Rewriting	Rewrite number according to routing rules.
Forbidden Call List	Disable the calls to where the destination number in forbidden call list.

Multiple VSP Support	InfiNET can support multiple VSPs on it. Every VSP use theirselves' business model on the same platform.
Shared DID Number Pool	This means all available DID number resources are shared for VSPs, and DID number can be reserved, applied or purchased by VSPs.
E911	Standard FCC E-911 Interconnection
Lawful Wiretap	Lawful interception (LI) is the legally sanctioned official access to private communications, such as telephone calls or e-mail messages. In general, LI is a security process in which a network operator or service provider gives law enforcement officials access to the communications of private individuals or organizations. In the process of interception, the two wiretapped parties can not feel the existence of interception
NAT traversal support for Signal and Media Stream	NAT traversal support for Signal and Media Stream, some terminal access internet by NAT(Net access transfer), InfiNET support for Signal and Media stream traversal NAT
Automatically NAT Detection	If two terminals exist in local network, and access internet by NAT, then two terminals directly communicate, need not RTP server support
DB(MySQL) be migrated to Oracle	Database be migrated from MySQL to Oracle
Instant Message	One user can send intstant message to another, then two users can use terminal chat as text.
Presence	Someone will care for other user's status(for example: online, busy now, offline,...), if other user's status is changed, then the user will be notified
Application Support	Description
Conference	The InfiNET Softswitch conference calling function can allow up to 100 parties to join into a single call
Voice Mail	Standard Voice Mail. Record, Retrieve and manage messages. Personalized Greeting.
Personalized ring-back tone	A personalized ring-back tone service enables subscribers to replace a standard ring-back tone (the sound a caller hears while waiting for the call to be answered), with individually selected music, a personal message, or other audio clips of choice.
My Account Voice Prompt	Make changes and recharge your account using your IP Phone.
Call Test	InfiNET provide a method to test calling quality, user can call the test number to testing calling quality
TAC Assistant	Koncept technical assistance center (TAC) provides you different types of service support
Local Access Number	Provide a method for PSTN calling InfiNET IP number, when you want to call someone's IP number, but you cannot connect InfiNET, you can call a access number, and then call InfiNET IP number
Business Support	Description
Broadband Phone	InfiNET is simply designed for deployment of carrier-grade Broadband Phone services, typical application includes: IP to IP, IP to PSTN, PSTN to IP
Calling Card	The InfiNET Calling solution is an innovative feature based on IP-IVR. Compared to traditional Calling card service, InfiNET Calling Card can be bundled with the InfiNET user account. Alternatively, Calling card can be sold independently, and used from an IP phone, cell phone or regular phone.

SMS Call Back	SMS Call Back is an emerging service. The mobile phone user can send the called number to the message center via SMS, InfiNET will automatically initiate a conversation connect the calling and called party.
Web Call Abck	Web Call Back is an emerging service. User can submit the calling number and the called number to system via web page, InfiNET will automatically initiate a conversation connect the calling and called party, system can support Extension. And web call back can support cell phone.
VoIP Roaming	VoIP Roaming is a powerful feature designed to increase traffic for the VSP, while saving the user traditional fees. With VoIP Roaming, users can dial an access number from any telephony device and establish a VoIP call. InfiNET will automatically authenticate the user's calling ID and charge the call on the caller's account.

Billing Feature	Description
Postpay and prepay	VSP Administrates either Prepay or Postpay model
Real-time billing	User Sees Billing On-Line, real-time
Real-time query	Support real time CDR query
Postpay Support	VSP Can Administrates Postpay model
Prepay Support	VSP Can Administrates Postpay model
Multiple level billing	Provide bill for multiple level users, Root-VSP VSP-Enduser
Group-based billing	Bill according to different business group
Billing by calling party	VSP Administrates charges to the calling party
Billing by features	VSP administrate charges by feature, InfiNET support set up fee, function fee and traffic fee(different business can apply different rate tables), VSP can choice a mode to billing
Flexible Recurring Fee Policy	Recurring fees are those that are charged to the user on a recurring basis as a subscription fee. VSP can set up daily fee, monthly fee or yearly fee.
Parent and Child Account Support	The child accounts' charge will be on their parent account. Flexible recurring fee setting methods on parent and child account
Multiple Call Plan Support	VSP can set up different call plans. For example, VSP can create "Flat Rate" plans, to any areas you wish. VSP can also determine how their users will pay for the service.
Multiple methods for discount and bonus	VSP administrator can set up different discount period for the users. For example, they could offer end users a 10% discount for calls made between 7-11PM during weekends.
Multiple currency support	But recharge by credit card only accept US\$
Billing on E911 Service	VSP need charge for E911 service when end user apply USA Virtual Numbers and reside in USA
Billing on Call Transfer	Support billing on call transfer, just like billing on call forwarding.
Support Setup Fee and Function Fee for Features	Support set up fee and function fee for all kind of features, then VSP can make flexible charge plan for end users.
Support VSP's statement	Root and VSP can view VSP's statement in system

Service Management	Description
Encrypt Web Portal System	InfiNET have implemented industry leading security initiatives, and our merchants are protected by the strongest encryption methods.

Individual Web Portal for Root, VSP, Agent and End user	Admins and the users can use IE browser to view and message the InfiNET system.
Number segment management	Root Admin can assign the number segments for the VSPs IP Phone numbers.
Routing Management	InfiNET allows for multiple levels of routing for cost efficiency and fail over
Gateway Management	Gateways are access to various networks. Both for incoming and outgoing calls. Each gateway will connect to different carriers. Administrator can view and edit all the gateways.
Feature Management	InfiNET has many features. Administrator can disable or enable features for the users.
DID and Access Number Management	
Administrator Role Management	Each administrator is assigned a set of privileges, based on the job function that they have.
System Log Management	Almost every change to the system is logged in the logging system. It allows administrators to determine if changes are the source of problems. It also provides an audit path for billing and payment logs
Online User Management	Root can search online user and view online users
Current Call Monitor	Administrator can view the current traffic on the switch and search the information
Wholesale and Retail Billing Support	You can charge by wholesale or retail
Multiple Rate Table Support	The wholesale rates table is supplied by the root administrator and is the fees will charge from VSP for calls to different destinations. VSP can set the rates for the users and can have numerous rates tables based on the allowed destinations and the way you would like to package your service
Multiple Business Group Support	Business Group is a team which has members of identical features, and enjoy the same services at the same rates. The VSP can set up as many Groups as they would like to
Statistic Area Support	The system allow you to track and sort data based on calls to specific statistical areas
CDR Analysis and Report	Can check CDR from WEB.
CDR Export	Can check CDR from WEB and output them as txt. Files
Financial Analysis and Report	Built-in Analysis&Reporting allow you to better manage the services and resources of the InfiNET system.
Recharge Card Support	Can batch create and delete recharge cards, and can check the status of the recharge card.
Integrated Payment Gateway Support	Payment gateways is a set of software and hardware interfacing merchants and credit-card authorization networks. It is used to enable the merchants to support online payment service to their customers. The InfiNET softswitch supports integrating payment gateway.
Customized Language support	Can be easily customized for any language
Open APIs	Offer HTTPS interface.
PayPal payment Gateway Support Multi-country	PayPal Payment gateways support multi-country.
Billing Server Repair Mechanism	If Billing Server is stopping for some reasons, when Billing Server start again, Billing Server will repair billing transaction automatically.
Improved InfiNET Prompt	Improved InfiNET Prompt for terminals, then user can understand the means

Network Management	Description
Syslog Server Support	This server support will record the logs of billing operation, administration operation and credit card payment operation in the system, so that administrators of the system can view and track these 3 types of logs: billing logs, administration logs and credit card payment logs. The purpose of this is considering the security and system maintenance, operation track and resume, the system needs to record logs for different operations.
System Configuration	This means the parameters in the system is configurable. The purpose is that in order to adapt to different business mode, with this the system is easy to configure just by adjusting and modifying the parameters
CLI Support	The Command line interface (CLI) is a simple line-oriented interface that you use to perform network operations from any node in the network. The CLI can also be loaded and run. It allows you to operate your SIP server with or without a network management system (NMS).
Real Time Debug	Real-time debug means without modifying program, you can perform debug in the operation environment. During the operation it is inevitable to have problems and bugs. In order to help to locate and solve the problem system need to support real-time debug. It should be notified that you can realize the control with debug switch and level
System Health Status	This means through remote way, monitor and control system's running status, to check if system is working normally. With this you can have a centralized monitor over distributed servers, so as to improve the system's stability and reliability.
System Load Status	This means through remote way, monitor and control whether system's loads are normal or not, which include CPU usage percent, memory, saving space, network status etc.
Intelligent RTP proxy resource management	RTP proxy can automatically detect RTP servers, and configure routing for these RTP servers.
RTP Server Upgrade	RTP Server can be automatic upgrade by self according with OSS request
Support ASR for Outbound GW	System support ASR(Average Success Rate) for outbound gateway
Automatic configured Access Number	System support automatic configured Access Number in some conditions
New Radius Framework	New Radius Server framework, improved performance and stability
Licence Server	Improved InfiNET security, system must run in valid license server
Route Load Balance	InfiNET support load balance for route choice
Standard Protocol	Description
RFC 3261	SIP: Session Initiation Protocol
RFC 2327	Session Description Protocol (SDP)
RFC 3264	An Offer/Answer Model with the Session Description Protocol (SDP)
RFC 3266	Support of IPv6 in SDP
RFC 3407	Session Description Protocol (SDP) Simple Capability Declaration
RFC 3605	Real Time Control Protocol (RTCP) attribute in Session Description Protocol (SDP)
RFC 3550	RTP: Transport Protocol for Real-Time Applications
RFC 3551	RTP Profile for A/V Conferences with Minimal Control
RFC 2198	RTP Payload for Redundant Audio Data
RFC 2833	RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals

RFC 3389	RTP Payload for Comfort Noise
RFC 3420	Internet Media Type message/sipfrag
RFC 3555	MIME Type Registration of RTP Payload Formats
RFC 2976	The SIP INFO Method
RFC 2848	Extensions for IP Access to Telephone Call Services
RFC 3262	Reliability of Provisional Responses
RFC 3263	Locating SIP Servers
RFC 3265	SIP-Specific Event Notification
RFC 3311	UPDATE Method
RFC 3319	DHCPv6 Options for SIP Servers
RFC 3326	The Reason Header Field
RFC 3372	SIP for Telephones (SIP-T): Context and Architectures
RFC 3428	SIP Extension for Instant Messaging
RFC 3515	The Session Initiation Protocol (SIP) Refer Method
RFC 3680	SIP Event Package for Registrations
RFC 3840	Indicating User Agent Capabilities in SIP
RFC 3842	Message Summary and Message Waiting Indication Event Package
RFC 3856	Presence Event Package
RFC 3891	Replaces Header
RFC 3903	Event State Publication
RFC 3959	Early Session Disposition Type
RFC 3960	Early Media and Ringing Tone Generation
RFC 4028	Session Timers in the Session Initiation Protocol (SIP)
RFC 4235	An INVITE-Initiated Dialog Event Package for SIP
RFC 4488	Suppression of SIP REFER Method Implicit Subscription
RFC 3702	Authentication, Authorization, and Accounting Requirements for SIP
RFC 3824	Using E.164 numbers with SIP
RFC 3968	IANA Registry for SIP Header Field
RFC 3969	IANA Registry for SIP URI
RFC 4317	SDP Offer/Answer Examples