iTel switch plus

Carrier Grade Softswitch & Billing Platform

REVE Systems

Want to see your business fly with the fastest

Softswitch

in the world?

iTel **plus**
switch
Quickest Call Connectivity

5000 concurrent calls with media on a standalone server

Advanced routing and rate management system

Handles multiple softswitches from a single billing interface

"We are using iTel Billing platform for many years and we are absolutely delighted with the quality of support. This is very useful for our business."

Vialtex Prodcom SRL, Romania

iTel Switch Plus - Carrier Grade Softswitch

iTel Switch Plus is a versatile switching platform with integrated billing. Its robust and flexible architecture has been designed to meet the particular requirements of retail as well as wholesale VoIP operators. Its standalone single server deployment provides small to medium service providers an easy start, while its deployment in distributed architecture makes it suitable for large IP carriers.

Quickest Call Connectivity

iTel Switch Plus allows instant connectivity on VoIP calls. This improves the overall call quality offered by service providers, thereby increasing their calling minutes.
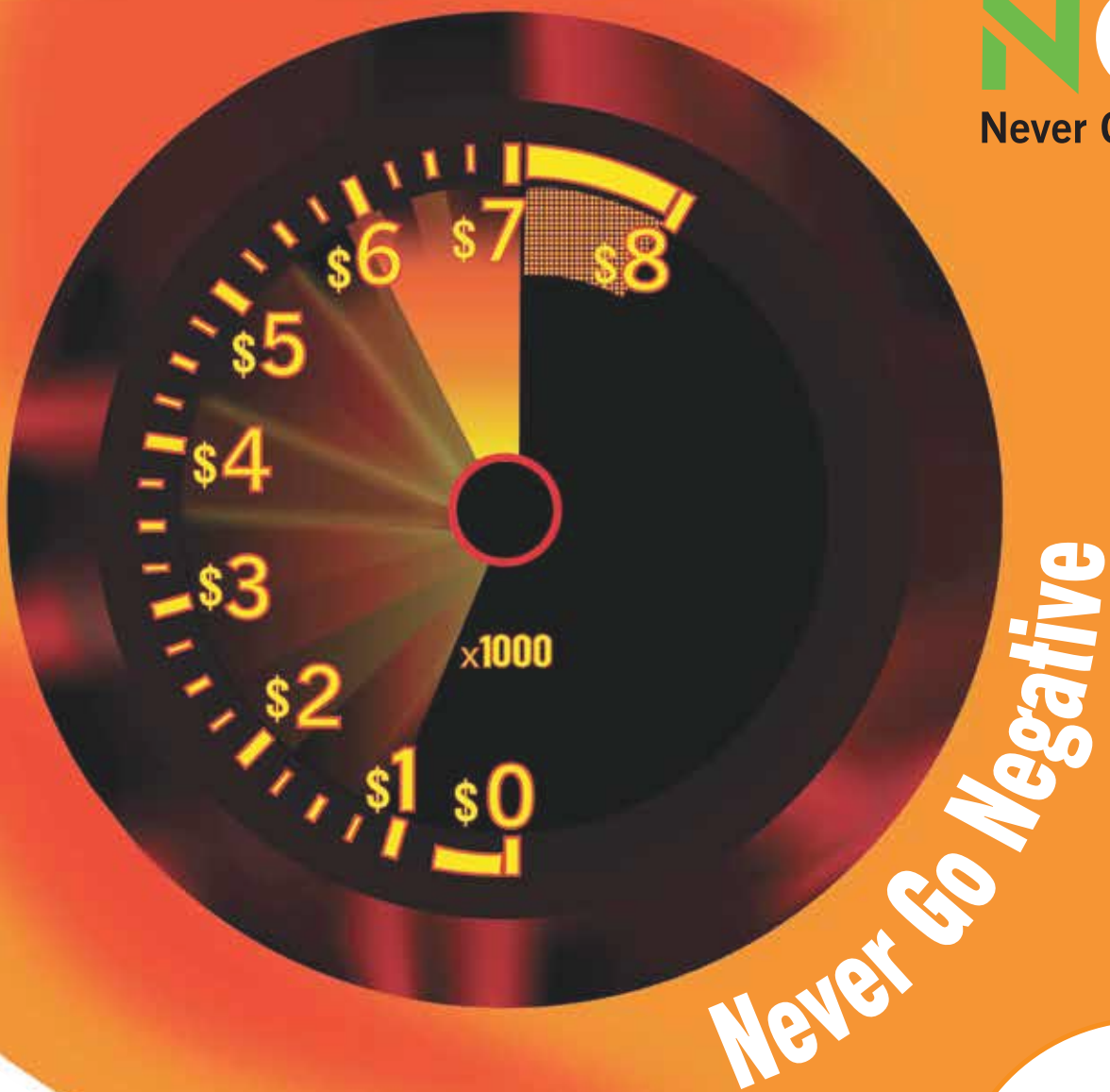
Advanced Routing Options

iTel Switch Plus comes with adaptive routing features such as Time Based, Quality Based, Percentage Based, Loss Less and LCR among others, making call handling very efficient.

Protocol Conversion & Transcoding

iTel Switch Plus handles multiple protocols and translates between SIP and H.323. It has leading edge built-in transcoding capacity and converts the following into the other:

- In conversion mode: G729, G711, G723.1, AMR-NB, Speex and more
- In transparent mode bypasses all standard audio codecs

NGN
Never Go Negative

Never Go Negative

Prevents user account balance from going negative

Helps prevent profit drain

Supports 'N' levels of resellers

Never Go Negative

Never Go Negative is a next generation billing feature that prevents user account balances from going negative. Its keeps an eye on user account balances and enables the VoIP service provider to maximise profits through higher business efficiency.

'N' Levels of Reseller Creation

iTel Switch Plus gives you the flexibility to create 'n' levels of resellers. You can also assign different roles and rights to the resellers as per your requirements.

View Live Calls without the Need of Server Login

With iTel Switch Plus you can view your active call reports without the need of server login, thereby making it very user friendly for switch users.

Single PIN for all Call Origination Devices

iTel Switch Plus allows you to use single PIN for all call origination devices like Mobile Dialer, PC Dialer, Web Dialer, Calling Cards and IP Devices.

Call Simulation

iTel Switch Plus comes with call simulator facility. This helps switch users to check whether a call will pass or not with the available route lists, check for call drops due to Loss Less or blocked routes, check the LCR sequences, available balances, rates, etc.

Route Quality Checker

iTel Switch Plus allows switch users to:

● Check whether a call is coming through a CLI or a Non-CLI route
● Whether FAS is activated or not for termination
● Record voice files directly from web panel
● Check calls with specific termination directly from web panel, and send email from there itself to the vendor with the recorded voice files as proof

Just Relax!
Even if the world knows your Password.

iTel Switch Plus

701 389

by **REVE** Systems

iTel

switch plus

Security Device

Dual-level
authentication
through
integrated
OTP device

"Using iTel Switch Plus, I am able to run my VoIP business without any worries. Its multi-layer security system provides protection from any kind of hacking attempts."

Yousuf Makka Wala
President - International Business
Saif Solution, U.A.E.

Prevents
unauthorized login
even if username
and password get
compromised

A first-of-its-kind
softswitch
security system

Industry's Most Secured Softswitch

iTel Switch Plus is a first-of-its-kind softswitch that employs a secondary layer of authentication for softswitch login. Users have an option of entering a unique security code generated by iTel Security Device, after entering their Username and Password.

This secondary authentication protects iTel Switch Plus from hacking attempts, thereby making it the most secured softswitch in the industry.

Runs Behind NAT/Private IP

In association with iTel Byte Saver, iTel Switch Plus can work behind NAT (Network Address Translation) or private IP.

Behaviour Based Alarm System

iTel Switch Plus sends automatic SMS or email alerts to Admin users, in case of the following unexpected situations:
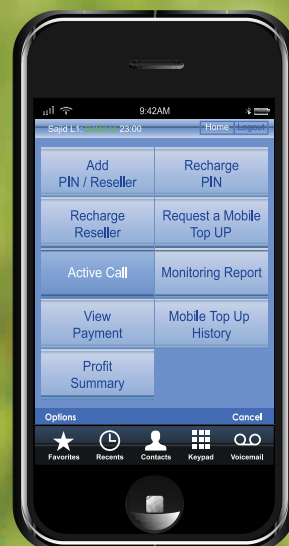
- Server performance shrinkage
- Impulsive call terminations
- Unexpected amount recharge and rapid increases in call volumes

Therefore, timely notifying the switch user in the following situations:

- If calls increase suddenly from a single account or client, and crosses the given limits
- If calls increase suddenly above the given limits for any destination
- If calls pass through any expensive route for more minutes vis-à-vis the given time frame
- In case of an unusual recharge to clients/resellers

Now, I can run my VoIP business from my mobile with

iTel Switch Plus Mobile App

Mobile App

Service providers can now manage their VoIP business on the fly

"REVE Systems' iTel Switch Plus has a very user friendly interface, which facilitates me & my resellers to run our day-to-day operations very easily."

Murtuza Ratlamwala
Saif Telecom

Recharge balance, add resellers/PINs, monitor calls from mobile

Available on Android, iOS, Windows Phone & Symbian

iTel Switch Plus Mobile App

iTel Switch Plus Mobile App has brought in new dimensions of ease and convenience to the management of VoIP businesses. It allows complete access to iTel Switch Plus from the mobile phone. Available in all leading mobile platforms; Android, iOS, Windows Phone and Symbian, the app allows Service Providers and Resellers to accomplish important tasks like PIN generation, reseller creation, account recharging and more, from their fingertips.

Advanced Global Configuration

iTel Switch Plus users can change all backend switch configurations from their web panel. Users get complete control over their switch to change any parameter as per requirements. The facility helps both, the user and support, to reduce work delay.

Intelligent Rate Management

iTel Switch Plus comes with the following features for intelligent Rate Management:

● Convenient tax adding facility
● Time & day-wise rate plan options
● Facility to assign future rate plan
● Supports multiple mode of rate creation
● Option to increase Current Rate by using % value
● Supports .csv format
● FNF rate facility

Multiple Payment Gateways Supported

Payment gateways can be configured by Admin users or by Resellers. Any one or multiple gateway options can be activated as per requirement.

The system also supports currency conversion as per the current conversion rates, with payment history duly recorded.

PayPal   cashU   paysafecard   Authorize.Net   eProcessing Network

If your business is VoIP

YOU CANNOT IGNORE DATA LOSS.

Are you covered?

iTel **Data**Backup

Real-time backup
of switch database
maintained
without any delay

Quickly rollout your
VoIP Business with
iTel Switch Plus

Available for
both licensed
as well as
hosted switch
users

Enabling real
peace of mind for
those in
VoIP business

Data Backup

With REVE's Data Backup facility, a real-time backup of your switch database is maintained as a mirror image in another server, ensuring you complete peace of mind from data loss. Both licensed as well as hosted iTel Switch Plus users can avail this benefit irrespective of their call volumes or business size.

Features & Benefits

- Backup can be taken at any time from iTel Switch Plus panel
- Real-time backup status can be seen anytime from switch panel
- System sends automatic alerts in case of data replication failure
- In case of primary switch server HDD crash, the database of affected server can be restored within 30 minutes

Offer Mobile Top Up (MTU) to all your customers, from the same PIN

Mobile Top Up (MTU) is a feature in iTel Switch Plus, which allows your customers to recharge any mobile number, across 100+ countries in the world, using the same PIN which they use for voice calls.

Mobile Recharge Partners

TransferTo   **mobikwik**   **ezetop**

P-P Pay Point   **Prepay Nation**   **Cellcom**

"Time for a Game Changer!"

Now offer Multiple Switches from a single switch.

Introducing Switch Partitioning

Multiple IPs can be mapped to partitioned softswitch

Highly secured & fully customized billing link for each user

Users can access iTel Switch Plus through a mobile app

"One of the greatest features of iTel Billing is its easy user interface. This is very easy to understand for our employees and serves all our requirements."

30 Degree East Telecommunication, South Africa

Offer Multiple Switches from a single softswitch with Switch Partitioning

iTel Switch Plus comes with switch partitioning facility, which allows the administrator to partition the switch and distribute it amongst multiple users. Each partitioning offers a completely new, independent softswitch to its users.

● Map multiple IPs in the same switch
● Allow resellers their own VoIP labels
● Enable advanced Call Monitoring

Give your resellers their own Brand Identity with Reseller Partitioning

iTel Switch Plus has Reseller Partitioning features. With this, the administrator can generate new customized billing interfaces for his VoIP resellers enabling them their own brand identity.

● Allow your resellers a fully customized look & feel of their iTel Switch Plus panel with full branding options
● Map unique Domain Names for your resellers with Login Restrictions

GSM Gateway

iTel Switch Plus can terminate calls to a PIN. For example, say a GSM Gateway in Peru is connected to the internet behind NAT. It can log in with a PIN and password to iTel Switch Plus, and remain registered with it. iTel Switch Plus will then route all Peru calls to this PIN depending upon the call handling capacity of the gateway.

Offer PINless Calling
Card with
iTel Switch Plus

Supports
multiple IVRs,
currencies
and languages

Supports
prepaid & postpaid
billing through
multiple payment
gateways

Our Technology Awards

LEADERSHIP
TMC
NGN
Next Generation Networks
2012
AWARD

EXCELLENCE
TMC
Unified
COMMUNICATIONS
2011
AWARD

Your Brand Name
PINless Phone card

30$

International Calling made easy

- Allows recharges in multiple currencies via PayPal, and other online payment gateways
- Allows end users to simply register via service provider's website

Comprehensive Call Shop solution

iTel Switch Plus comes integrated with iTel Billing for advanced call shop operation:

- Main switch owner can enable/disable call shop module from his child resellers
- Any level reseller can go for the call shop features
- Parent switch owners can monitor the call shop along with their shop managers
- Reports can be generated both call shop-wise and booth-wise

Integrated Calling Card platform

iTel Switch Plus comes with an advanced Calling Card platform for service providers who want to offer this service. The platform allows end users to enjoy PINless dialling. All calls are trackable through the billing software of the service provider.

Features

- DID Multiplexing allows end users to use the DID for making calls without going through the IVR
- Supports multiple languages in IVR

Hosted Softswitch Solutions
for complete peace of mind

Migrate from
any other softswitch
to iTel Switch Plus
in few easy steps

Minimum service
downtime causes
minimum customer
inconvenience

Multiple
hosted plans to
choose from

Migrate easily from

any other **Softswitch**
to $switch$ iTel plus

Hosted Offerings

iTel Switch Plus is also available on hosted basis with monthly payment options. The hosted offerings are ideal for small and medium VoIP service providers who want to avoid the hassles of managing the logistics of server hosting.

Benefits

Taking up iTel Switch Plus on a hosted basis offers numerous benefits like easy monthly payment options, 24x7 managed services and more, making it very easy for new start-ups to enter this line of business.

Easy Migration from your Existing Softswitch

We have tools available to ensure that when you migrate from your existing softswitch to iTel Switch Plus, there is minimum downtime to your services so that your clients are not inconvenienced. In fact, our migration procedure is so smooth that your end users will never even realize that you shifted your switching platform. Isn't that convenient?

Migration Procedure

● You provide access of your existing softswitch database to REVE and migration process is initiated

● Once migration is complete, you migrate from your existing softswitch with full details of customer PINs, reseller details and PIN balances

iTel Platinum Support

www.itelsupport.com

24/7 Live Chat

"Customer support of REVE Systems is extraordinary. They are available round the clock to solve our problems."

Acevillia Development Corporation, Kenya

Support team can be reached through ticketing, live chat, e-mail or phone

Dedicated Support Portal for REVE customers

- Automated self-provision tool, which allows customers to change IP/Port and other settings of their software application
- Manage customer account information and get product upgrade/new product notifications

In order to provide 24x7 customer support to our global client base, we have a pool of trained engineers working round the clock and a dedicated online portal to facilitate interactions. Our engineers are trained on cross-vendor platforms.

Our processes have been developed to provide unmatched quality of service to you – our clients, which ensure that your services are always available to your end users.

iTel Support Portal has the following facilities:

- Online trouble ticketing
- 24x7 Live Chat with our support engineers
- Complete view of history of all support requests

Suggested Server Specifications for 1000+ CC (Proxy Mode)

Operating System: Linux/Unix

Processor: Intel Quad Core Xeon, 2.8 Ghz +

RAM: 8 GB
Hard Disk: 140 GB +
Cache Size: 8 MB

Suggested Server Specifications for 5000 CC (Proxy Mode)

Operating System: Red Hat Enterprise Linux
Processor: Quad, Quad Core Xeon, 2.8 Ghz +
RAM: 24 GB
Hard Disk: 500 GB +
Cache Size: 12 MB

Trusted by

2300+ Service Providers across
78+ countries

REVE Systems commenced operation in 2003 with a focused approach to serve the IP Communications industry. Headquartered in Singapore, REVE has its development centres in Bangladesh and India, regional offices in Hong Kong, UK and USA.

The company offers a wide assortment of products ranging from backbone infrastructure to client-side applications, including middleware.

A telecommunication & software solutions provider, REVE Systems ensures best returns on technology investments and strengthens the Service Providers' market presence by providing them with best-in-class VoIP solutions.

RED HERRING GLOBAL WINNER 100

A Red Herring 2012
Top 100 Global Company

REVE Systems | www.revesoft.com

Singapore
WCEGA Tower,
21 Bukit Batok Crescent,
Unit #15-84, Singapore 658065
Tel: +65 3157 5040

Hong Kong
Boss Commercial Centre,
Unit No 9-05,
28 Ferry Street Kowloon,
Hong Kong

Bangladesh
Facilities Tower,
Kha-199/2,
Maddhya Badda,
Dhaka-1212, Bangladesh

India
F-12, Kalkaji,
New Delhi 110019,
India
Tel: +91 11 43046790

UK
6 High Street, Hanslope,
Milton Keynes,
MK 19 7LQ, United Kingdom
Tel: +44 1908 510703

USA
744 South Street #56,
Philadelphia, PA 19147
United States of America
Tel: +1 215 618 3570

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