

Carrier Grade Softswitch & Billing Platform



REVE Systems

**Red Herring's 2012
Top 100 Asia Company**



REVE Systems started in 2003 with a focused approach to serve IP-based communication industry. The company has a wide assortment of products ranging from backbone infrastructure to client side applications, including middleware. Today, REVE Systems holds leadership position in the IP Telephony Industry.

An ISO 9001:2000 certified telecommunication & software solutions provider, REVE Systems ensures best returns on technology investments and strengthens the service providers' market presence by providing them with the best-in-class VoIP solutions.

REVE Systems is a Symbian foundation member, part of the iPhone developer community and Nokia developer forum.

Headquartered in Singapore, REVE has its development centres in Bangladesh & India and branch offices in UK and USA.

The company presently serves customers in over 70 countries, where more than 1700 VoIP and telecommunication service providers have placed their trust on REVE.

**1700 Service
Providers across
70+ countries**

REVE Systems

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Want to see your
business fly
with the fastest

Softswitch
in the world ?



iTel **switch** plus
Quickest Call Connectivity



Carrier Grade Softswitch with Integrated Billing

iTel Switch Plus is a highly secured and versatile softswitch platform with integrated billing. This has been designed to suit VoIP service providers with retail and wholesale operations, irrespective of their scale of business.

iTel Switch Plus can be deployed in a single server platform as well as in a distributed architecture. Its scalable and redundant architecture makes it suitable for large IP carriers, while its standalone version enables medium to small service providers an easy start of operations.

Quickest Call Connectivity

iTel Switch Plus allows instant connectivity on VoIP calls. This helps service providers offer better call quality to the end users, which can potentially increase their calling minutes phenomenally. Hence, the service providers are able to get ahead of their competitors.

Now with improved user interface

iTel Switch Plus with integrated billing interface is extremely simple and easy to use.

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, Calling Card and IP devices.

**800 +
concurrent
calls in
standalone
server**

**20,000
concurrent
calls on
distributed
architecture**

**Quickest call
connectivity**

**Handle multiple
softswitches from
single billing
interface**



iTel Switch Plus Security Device



Revolutionizing Softswitch Security

**Secondary
layer of
authentication**

Industry's Most Secure Softswitch

Employing secondary layer of authentication makes it the most secured softswitch in this industry. A unique security code generated by iTel Security Device must be entered after you enter your user name and password to log in to your softswitch account.

This secondary layer of authentication makes it very secure from hacking attempts thereby providing advanced protection to the users.

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 owners.

Supports IVR in Multiple Languages

iTel Switch Plus supports IVR (Interactive Voice Response) in multiple languages.

Runs Behind NAT/Private IP

In association with iTel Byte Saver, iTel Switch Plus can work behind NAT (network address translation) or private IP.



NGN

Never Go Negative



Next generation billing feature which prevents user account balance from going negative

Creating new benchmarks with unmatched features

Never Go Negative

Never Go Negative is a feature that prevents user account balance from going negative. This next generation billing feature is specially designed to prevent loss and maximize profit by keeping an eye on account balance. Hence you can stay positive as the user balance never goes negative.



**Account
balance never
goes negative**

'N' Level of Resellers Creation

iTel Switch Plus gives you the flexibility to create 'N' level of resellers. You can also assign different roles and rights to the resellers as per requirement.

Multiple Routing Options to Choose from

iTel Switch Plus has adaptive routing feature that means if any route is offline, it is detected prior to routing a call and hence calls are not sent over that route. This feature makes call handling very efficient.

**Helps
prevent
profit
drain**



Suggested server specifications for iTel Switch Plus

Operating System: Red Hat Enterprise Linux

Processor - Intel Quad Core Xeon, 2.8 Ghz +

RAM - 8 GB

Hard Disk - 140 GB +

Cache Size - 8 MB

Hosted Softswitch Services

for complete peace of mind



Hosted Offerings

We provide iTel Switch Plus on hosted basis with a monthly payment option. Hosted offerings are ideal for small and medium size VoIP service providers who don't want to take hassle of maintaining and monitoring the softswitch servers.

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 service and that your clients are not inconvenienced.

Migration procedure from existing softswitch to iTel Switch Plus

- You provide access of the existing softswitch database to REVE and migration process is initiated
- We match the old database with iTel Switch Plus database and install the converter application in client's database
- Existing database is processed through the data migration application and converted into the format of iTel Switch Plus database
- Once the migration is complete, you migrate from your existing softswitch with full details of customer pins, reseller details and pin balances

Are you using any other softswitch?

Migrate to iTel Switch Plus in just few hours



**Multiple
Hosted Plans
to choose from**

We have added one more dimension to VoIP – Rapturous Fun!

with VALUE ADDED SERVICES



Astrology Live



Friend Chat



Value Added Services through iTel Switch Plus

iTel Value Added Services (VAS) which includes Friend Chat and Astrology Live helps service provider earn higher revenue. Service Providers who use iTel Switch Plus platform can now provide VAS services to their customers.

How to use iTel VAS?

- Users just need to dial short code (for example 8081) and follow the IVR instructions
- Services are available in multiple languages like English, Hindi, Bengali, Punjabi and Malayalam

Revenue & Billing Models

Service providers can charge their customers by various billing models like Pay Per Minute, Pay Per Transaction/ Call or Subscription.

Now offer Mobile Top Up (MTU) facility to all your clients from the same pin

Mobile Top Up (MTU) is a feature in iTel Switch Plus, which allows your customers to recharge any mobile phone, anywhere in the world using the same pin which they use for voice calls.

How to recharge a Mobile Number using MTU?

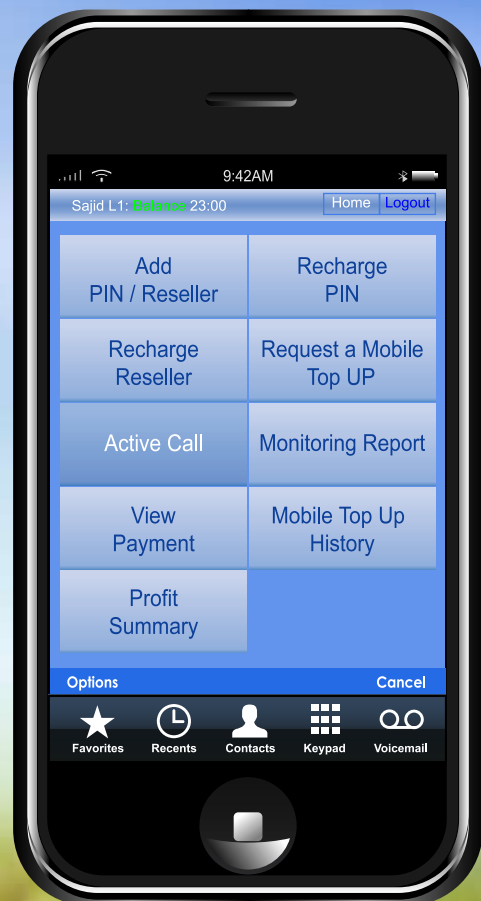
- Logging to your iTel Switch Plus control panel, click on 'Request a Top Up' link and then on 'Top Up' link under 'Mobile Top Up'
- You'll be taken to 'Add Top Up' page. Please fill in the required details and click on 'Submit' button
- Confirm again and you are done
- Once the Mobile Top Up is done, the recipient and the softswitch admin are informed by an e-mail or an SMS

**Facilitating Mobile
Top Up across 70+
countries**

**Offer Friend Chat
and Astrology Live
on VoIP now!**

Mobile Recharge Partners





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

iTel Switch Plus Mobile App.



Integrated with a robust billing platform

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

Vialtex Prodcom
SRL, Romania

iTelBilling, integrated with iTel Switch Plus is a very powerful and flexible software that enables internet telephony service providers (ITSPs) to grow and prosper in this challenging environment by managing their business efficiently. In addition to being powerful and flexible, iTelBilling is intuitive and easy to use.

Important Features

Versatile & Flexible: iTelBilling supports all models of Internet Telephony business; retail origination (from calling cards, call shops, devices, PC/mobile dialers), wholesale origination and termination.

Prepaid & Postpaid Billing: iTelBilling supports both prepaid and postpaid business models and caters to the needs of operators for maintaining large number of billing plans for their customers.

Retail & Reseller Recharge: iTelBilling allows easy recharging of prepaid accounts/pins and updating retail/wholesale balances of resellers seamlessly.

Easy User Interface: iTelBilling has an extremely user-friendly interface, which allows users to do various activities like collecting Call Detail Records (CDR) for their clients and generate invoices.

Monitoring & Reports: Service providers can monitor profitability of routes and gateways in real time. One can generate reports by customer, by destination or even by region.

Other Key Features

- Flexible rate input system
- `N` level resellers
- Real-time system performance monitoring
- Fault detection monitoring system

iTelBilling platform is used by both Retail & Wholesale Carriers

"One of the great features of iTelBilling is the easy user interface. This is very easy to understand for our employees and serves all our requirements."

30 Degrees East Telecommunication, South Africa



iTel PC Dialer

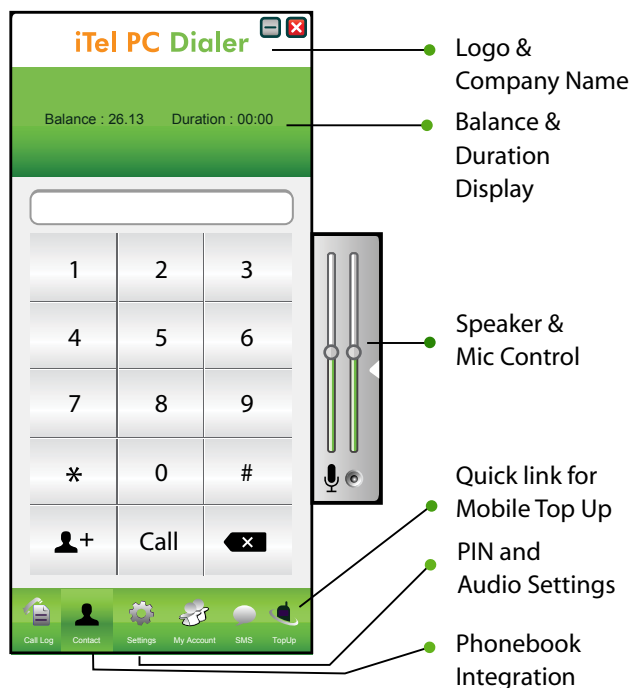
The best desktop client for VoIP calls



iTel PC Dialer

iTel PC Dialer is an ideal solution for making VoIP calls from personal computer (PC). It is a software application which can be easily installed in a PC.

iTel PC Dialer is compatible with all standard SIP softswitches. Now users can do more than just calling as iTel PC Dialer supports SMS and Top Up using easy control panel.



**Option of same
operator code as
iTel Mobile Dialer
Express**

**Can work
smoothly with
any standard
SIP softswitch**

**Available in
your own brand**

Important Features

- Customized design options
- Easy speaker and microphone controls
- Balance display facility
- Dialer can be kept running in background
- Call log facility, phonebook integration
- Supports G729 and G711 codecs
- Efficient echo-cancellation feature
- Comfort noise generation technology for better call experience

iTel Platinum Support

www.itelsupport.com



**Dedicated Support Portal
for REVE's Customers**

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

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 interaction with our customers. Our engineers have vast experience in VoIP domain and are trained on cross-vendor platforms.

Our systems and processes, which are ISO 9001:2000 certified, have been developed to provide unmatched quality of service to our clients, which ensures that our services are always available to their end users.

iTel Support Portal has the following facilities:

- Online trouble ticket system for complaints
- 24x7 Live Chat with our support engineers
- Complete view of history of all support requests
- Automated self-provision tool, which allows customers to change IP/Port and other settings of their software application
- View live reports like concurrent registrations on mobile dialer platform
- Manage customer account information and get product upgrade/new product notifications

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

**Acevillia
Development
Corporation,
Kenya**

Mobile VoIP Product Range



A mobile application which allows consumers to make VoIP calls from their mobile phones



A mobile application which makes using call back services simpler from a mobile phone



A software application which allows you to offer Mobile VoIP solutions on low-end symbian handsets



A mobile application which automates calling card usage from mobile phones

For more details, please visit
www.itelmobiledialer.com

REVE Systems

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