

REVE Systems

Carrier Grade Soft-Switch & Billing Platform

The logo is centered within a white, rounded, irregular shape with a thick orange border. The text 'iTel' is in green, 'switch' is in orange with a green 'i' inside the 'c', and 'plus' is in black.

iTel **switch** plus

REVE Systems

www.revesoft.com

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 solution provider, REVE Systems ensures the best returns on technology investments and strengthens the service providers' market presence by providing them with the best-in-class VoIP solutions. The company has a large pool of engineers with experience of working on widely varied environment and cross vendor platforms. This enables REVE to offer 24x7 Platinum Service to all clients and to make sure that their services are always available to their end customers.

REVE Systems is a Symbian foundation member, part of the iPhone developer community and Nokia developer forum. These offer REVE first hand access to industry developments and help introduce new products at right time.

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

The company presently services customers in over 65 countries, where more than 1250 VoIP and telecommunication service providers have placed their trust on REVE.

**Serving 1250
Service
Providers
across 65
Countries**

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iTel
switch plus
2.0



iTel switch^{plus} 2.0

Carrier Grade Soft-Switch

with Integrated Billing

**Industry's most
secured Soft-Switch**

**800 +
concurrent
calls in
standalone
server**

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

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

iTel Switch Plus can be deployed in a single server platform as well 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 operation.

Industry's most secure Soft-Switch

Employing Multi-Layered Secured Access Control

Dual Level Protection

IP and Password based authentication, thereby making it very secure from hacking attempts.

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 from any level. Being a Soft-Switch owner, you can also assign different roles and rights to the resellers, as per requirement.

Single pin for all call origination devices

With iTel Switch Plus, your end users can use any single pin for multiple call origination devices like PC Dialer, Mobile Dialer, IP Devices or calling card platform.

Supports IVR in multiple languages

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

Runs behind NAT or on private IP

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

**Helps
prevent
profit
drain**

It's EASY!



We Believe in Keeping it Simple

Now with improved User Interface

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

Handle multiple Soft-Switches from single billing interface

Now with improved interface, single billing can be used to handle multiple Soft-Switches.

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. Now one doesn't need to go through the hassle of keeping different pins for different devices.

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.

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.

- **Single pin for all call origination devices**
- **View live calls without the need of server login**

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

**Reseller
friendly User
Interface**

iTel
switch ^{plus} 2.0

Quick and Easy Migration from Other Soft-Switches



Easy Migration from your existing Soft-Switch

We have tools available to ensure that when you migrate from your existing Soft-Switch to iTel Switch Plus, there is minimum downtime to your service and that your clients are not inconvenienced. Resultantly, our easy migration tools ensure that you are able to migrate from your current Soft-Switch to iTel Switch Plus, along with your real time database, in a matter of few hours - thereby ensuring that nothing changes for your clients and there is minimum downtime.

Are you using any other Soft-Switch?

Migrate to iTel Switch Plus in just few hours

Migration procedure from existing Soft-Switch to iTel Switch Plus

- Soft-Switch owner provides the access of the existing Soft-Switch database to REVE and migration process is initiated
- Our engineers match the old database with the 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 Soft-Switch with full details of all customers pin, reseller details and pin balance

This ensures that your customers face no changeover hassles and their usage experience of your service remains unchanged.

**Easy Migration
with REVE's
Migration Tools**



Mobile Top-Up and Voice Calls from Same Pin

Now offer Mobile Top-Up facility to all your clients from the same pin

Mobile Top-Up is a feature in iTel Switch Plus 2.0, which allows your customers to recharge any mobile phone, anywhere in the world using the same pin which they use for voice calls. This facility empowers your customers with the ability of mobile commerce from their VoIP account.

Recharging a mobile number using MTU

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

Facilitating Mobile Top-Up across 70+ countries

Offer Mobile Recharge facility to any country

Mobile Recharge Partners



Server Time: 19-04-2011 12:10:34 GMT
Home | Logout

Welcome Andrew: Your Balance: 234 USD Status: Active

Client

- ▶ Manage Client
- ▶ Manage PIN

Voice Rate Plan

- ▶ Rate Plan

Mobile Top Up

- ▶ MTU Rate Plan
- ▶ Request a Mobile Top Up
- ▶ MTU Rate Calculator

Report

- ▶ Operational Report
- ▶ Finance & Accounts Report
- ▶ Mobile Top Up Report

My Profile | Recharge Client/Reseller | Recharge PIN | Recharge History | Active Call | Call Log | Monitoring Graph | Profit Summary

Profit Summary Client Wise Last 7 Days Report

Report Span Last 24 hours 48 hours 1 week 1 Month Custom Date Range

Report Type Client Wise Destination Wise Hourly

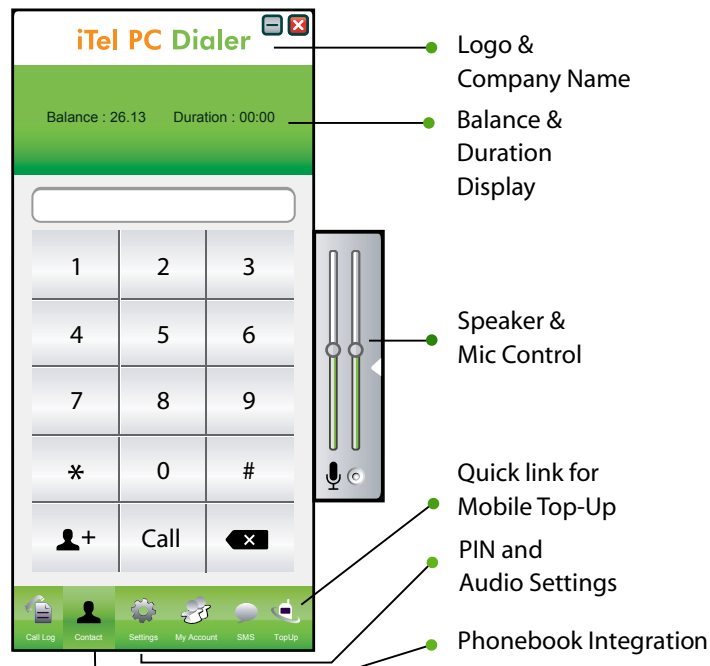
Activity Type	SL	Client	My Selling Amount	My Buying Cost	Profit
Voice	1	Sazid L2	0.05	0.04	0.01
	2	91786	0.26	0.26	0
	3	91209	0.32	0.32	0
	4	91499	0.48	0.48	0
	5	73375	0.72	0.66	0.07
	6	91175	0.12	0.12	0
	7	ABC838	0.32	0.32	0
	8	ABC743	0.07	0.07	0
	9	ABC246	0.37	0.37	0
	10	ABC880	0.19	0.19	0
	11	ABC193	0.29	0.29	0
	12	ABC025	0.24	0.24	0
	13	ABC746	0.22	0.22	0
Sub Total			3.64	3.57	0.07
Activity Type	SL	Client	My Selling Amount (USD)	My Buying Cost (USD)	My Profit (USD)
MTU	1	77066	0.3	0.27	0.03
Sub Total			0.3	0.27	0.03
Grand Total			3.94	3.83	0.11

iTel PC Dialer

The Best Desktop Client to Make VoIP Calls

iTel PC Dialer is an ideal solution for making VoIP calls from PC. It is a software application which can be easily installed on a PC or laptop to make calls over IP networks. iTel PC Dialer is compatible with all standard SIP Soft-Switches. Now users can do more than just calling as iTel PC Dialer supports SMS and Top up using easy control panel.

**Can Pass through
any internet firewall
in combination with
iTel Byte Saver**



Important Features

- Look and feel of the dialer can be fully customized according to service providers' choice
- User friendly interface. Easy control of speaker and microphone volumes, quick link for balance recharge
- Can work with any standard SIP Soft-Switch. For example, it works smoothly with Asterisk, VoIP Switch, Digitalk, Nexgen, Porta and iTel Switch Plus, etc.
- Balance display facility
- Dialer can be kept running in background while not in use
- Call log facility for all successful calls
- Phonebook integration
- Supports G729 and G711 codecs
- Efficient echo-cancellation feature
- Comfort noise generation technique for better user experience

**Can work
smoothly with
any standard
SIP Soft-Switch**

**Available in
your own brand**

Reliable Billing Platform for IP Carriers

Internet telephony is a very competitive business; whether it is wholesale minute exchange or retail calling cards, internet telephony service providers (ITSPs) are facing tough competition every day. This competition has undoubtedly caused a need for a comprehensive business tool to serve as the most secure one for ITSPs. iTelBilling is a very powerful and flexible software that enables the 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.



“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**

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. iTelBilling also provides support to Interactive Voice Response (IVR) in integration with the Soft-Switch.

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 Re-charge: iTelBilling allows easy recharging of prepaid accounts/ pins and updating retail/ wholesale balances of resellers seamlessly.

Secured Billing Interface: iTelBilling prevents unauthorized access to the system by providing highly secured platform to operators. Both the access to call control and the users access to the system are highly secured. In addition to password, operators also may specify the IP or a list of IPs from which the operator wants to allow access to the system.

**iTelBilling
Platform is used
by both Retail
& Wholesale
Carriers**



Easy User Interface

iTelBilling has an extremely user friendly interface, which allows service providers to do their billing operations very easily ; be it collecting Call Detail Records (CDR) for each of your clients; generating invoices; editing/adding of rate plans or adding resellers, they are all possible in minimum clicks. Easy GUI coupled with clear instructions makes it very simple to use.

Monitoring & Reports

Using the monitoring and reporting tools of iTelBilling, service providers can monitor profitability of routes and gateways in real time. One can generate reports by customer, by destination or even by region. This comprehensive monitoring tool helps ITSPs identify the most profitable routes and take business decisions quickly. Apart from this, there are options to generate customised reports.

Other Key Features

- Flexible rate input system
- `N` level resellers
- Real time system performance monitoring
- Fault detection monitoring system
- IVR in multiple languages

Server & System recommendations

Supported OS: Windows 95-XP,Vista,Windows 7, Linux/Unix

Browser: Internet Explorer 5 or higher, Netscape 6.2 or higher, Mozilla Firefox 1.0, Safari, Google Chrome or any web-browser supporting DOM and enabled JavaScript.

Server: Quad Xeon Processor, 2.8+ GHz, Memory 4GB, Disk Size 120 GB+

iTelBilling-Switch Compatibility List



Secure & Easy User Interface

“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 Byte Saver allows VoIP calls to pass through any internet firewall or blockage by establishing a tunnel between iTel Mobile Dialer Express/iTel PC Dialer and itself.

It also reduces bandwidth consumption by more than 50% at the origination end, making it ideal product for those mobile networks where bandwidth availability is low.

iTel Byte Saver prevents one way voice problem by providing NAT support to iTel Mobile Dialer Express and is also able to detect a hung call and drop the same. It also helps end users switch between their mobile data and Wi-Fi connections on a running call, without dropping it.

Important Features

- Compatible with any standard SIP Soft-Switch
- Supports G.729 codec
- Ability to control RTP packet size according to specific network requirements
- Makes voice smoother by controlling RTP packet size
- Prevents billing disputes by detecting hung call
- Ability to handle 1,000 concurrent calls per server
- Compatible with all versions of iTel Mobile Dialer Express and iTel PC Dialer
- Saves more than 50% bandwidth at the origination end. It can lower bandwidth usage for a live call on G729 codec, to as low as 9.6 Kbps

“ iTel Byte Saver is ideal in low Bandwidth environment. Thanks to iTel ”



The United Kingdom

“ iTel Byte Saver is the life saver for our business. It is the best tunneling product we ever have seen. ”



Japan

Can pass through any internet firewall while saving 50%+ bandwidth





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

In order to provide 24x7 technical 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 their 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 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
- 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 the 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

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