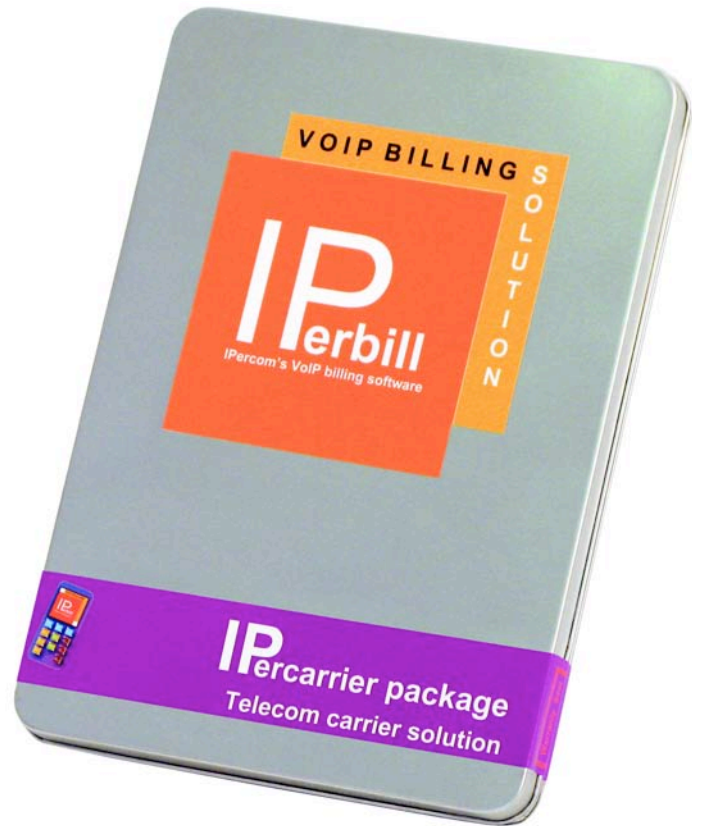




IPercarrier

For telecom carriers



The IPerbill edge:

- Turnkey solution
- Real-time billing
- Pure VoIP design
- Stable, easy to use and reactive

With IPercarrier access to:

- High volume traffic management
- A comprehensive range of services
- All IPerbill features

The IPercarrier package:

- **Software**
 - IPerbill (Billing)
 - IPerswitch (routing & switching)
 - Set up on included servers
- **Modules**
 - IPercarrier
 - IPerproxy
 - IPeradius

 - IPertelco
 - IPertelco CS

 - IPercall software pack (option)
 - IPercards
 - IPercards CB
 - IPercards WCB
- **Services**
 - Training IPerlearn
 - Set up IPersetup
 - Support IPersupport

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IPercarrier includes:

OUR SOFTWARE

IPerbill : Billing software



IPerbill is a call management software for telecom providers serving residential or business customers, including call shops. IPerbill gives its users the ability to speed up their development by launching innovative products and maximising their profitability. **IPerbill** is a nucleus software around which several functional modules are arrayed, according to the specific needs of our customers .

IPerbill is a carrier-grade software : reliable, designed for high capacity and compliant with telecom regulations.

IPerbill :

- Manages price lists for re-sale to customers
- Native management of VoIP and TDM prepayment
- Allows consumers to view their accounts on-line
- Features two levels of access to the administration interface
- Manages per-minute purchase prices from multiple suppliers
- Allows multiple-site billing of outgoing calls
- Calculates daily, weekly or monthly profits, as well as profits by destination
- Allows for several types of authentication (IP address, CLI, caller number)
- Generates all needed daily management reports
- IPerbill can be accessed and managed over the Internet from anywhere in the world
- Perfect data integration from IPercall or any other call shop software.

IPerswitch : Softswitch software



IPerswitch is our softswitch server. It replaces a telephone switch, assuming the role of "registering" and acting as a gateway to the networks of other VoIP providers. **IPerswitch** features functionalities that cover most telephony needs.

IPerswitch :

- Manages interconnections via SIP and IAX.
- Allows for call routing via a web interface
- Manages phone extensions, with incoming number
- Generates menus and voice mailboxes.

OUR MODULES :

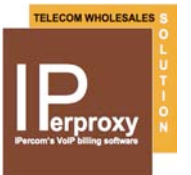
IPercarrier : Wholesale traffic management module



IPercarrier is a module linked to the IPerbill software and used for managing wholesale traffic of up to 1000 E1 (or 30,000 simultaneous calls). With **IPercarrier** you can:

- Manage wholesale trading of voice minutes.
- Monitor business in real time, and react instantly to market changes.
- Use H323, SIP and TDM protocols, according to the type of equipment you need to interface with.
- Manage GSM phone numbers portability with a black and white lists process

IPerproxy : Proxy module



IPerproxy is a module linked to the IPerbill software and the IPercarrier module and is used to manage the following operations:

- Concentrate signal flows to the main platform
- Reduce the main platform activity and (in some cases) improve transmitted voice quality. Allows SIP and H323 terminations purchase from different suppliers
- Controlled routing or mediation between SIP parties.

IPeradius : Carrier grade traffic management



IPeradius is a module linked to the IPerbill software and the IPercarrier and IPerproxy modules. **IPeradius** :

- Optimize call load distribution in case of heavy traffic situations.
- Gathers needed data to interface with large networks, in order to operate with the required level of quality, reliability, security and to comply with regulatory obligations.

IPertelco : Traffic management module



IPertelco is a module linked to IPerbill and used for managing SoHo and business customers. With **IPertelco** you can sell VoIP minutes to individuals or companies.

IPertelco :

- Manages resellers and distributors
- Allows to market "between locations" offers for businesses with multiple sites.
- Is compatible with a wide range of VoIP, IP telephony, softphones and IAD gateways.

IPertelco C&C : Traffic management module for call-shop & call-center



IPertelco C&C is a module linked to IPerbill and IPertelco and used for the management of call-shop or call-center customers.

IPertelco C&C is tailored to respond to the specific needs of this type of customers.

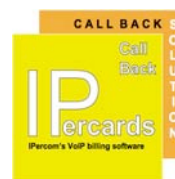
IPercards : Prepaid phone cards module



IPercards is a module linked to the IPerbill software and address the specific needs of the prepaid phone cards business. **IPercards** manages:

- Cards time credit at the second.
- On-demand card activation / de-activation.
- Generate and manages pin codes.
- Manages access call numbers.
- Expiration dates

IPercards CB : Call-back module

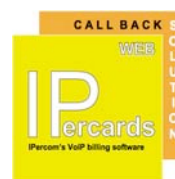


IPercards CB is a module linked to IPerbill and the IPercards module and is used for managing Call-back calls.

IPercards CB :

- Manages the specific operations required by a call-back phone card service.
- Can add Call-back functionalities to an existing prepaid card service.
- Can adapt to possible constraints that Call-back services may experience due to local carriers policies or quality of service.
- Manages resellers and distributors.

IPercards WCB : Module Web Call-back



IPercards WCB is a module linked to IPerbill and the IPercards and IPercards CB modules and used for managing Web Call-back calls.

IPercards WCB:

- Manages the specific operations required by a Web Call-back service.
- Can be used to provide Internet cafés or call-shops with a web Call-back service.
- Fully compatible with e-commerce payment modes.

NOS SERVICES :

IPerlearn : Training service



IPerlearn is the training service for our software and their related modules. This training is based on:

- The principles of VoIP technology
- Comprehensive discovery and practice of our solutions and their functionalities
- Validation of the acquired knowledge.

IPersetup : Installation service



IPersetup is an installation service for our turnkey solutions. It includes:

- Installation of UNIX OS on servers
- Installation of the relevant IPercom software suite
- Validation tests
- if you subscribe to the IPerconnex service, the installation at the hosting centre.

IPersupport : Support service



IPersupport is a software support service including:

- Support by e-mail with traceability management
- Hotline or chat assistance in emergency situations
- Routing operations on hardware (limited to one routing per E1 per month)
- Equipment maintenance
- Software updates.

STANDARDS, EVOLUTION & SECURITY :

Our software products are designed according to the European Union current standards, they are also compliant with ITU and ETSI Telecom Standards.

From the very first stages of development, our software products have been designed with VoIP and the global networks convergence movement foremost in our minds.

They are thus highly evolvable while remaining stable, safe and easy to use.



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OPTIONS :

IPerconnex : Hosting & supervision service



IPerconnex is a hosting and supervision service that IPercom provides exclusively for its software suite customers. It includes:

- Hardware supervision
- Providing Internet access at the hosting site
- Implementation of a firewall service
- Hardware hosting in a Data Center in Europe or North America, with a high-capacity interconnection node.

IPercall : Management software for call-shops



IPercall is a call-shop software application that is installed on-site. It has been designed to work with the IPerbill software

IPercall is reliable, comprehensive, ergonomic and easy to use and complies with telecoms regulations.

IPercall manages all aspects of a call shop operation (*sale of minutes and phone cards, internet cafés, photocopying, food & beverages, etc.*)

IPercall :

- Manages taxes
- Offers two administration levels
- Between 1 and 24 phone booths can be operated simultaneously
- Calculates daily, weekly or monthly profits as well as profits by destination
- Generates all of the daily management reports needed by a call owner
- Allows you to save and present billing information and call receipts
- Manages prepayment and post-payment in advance: blocking of booths and of calls in progress
- Manages per-second payment for purchasing and staggered sales billing as well as call charges that can be personalised by prefix or network.

IPercarrier

The whole IPerbill product line
in a single software package



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