

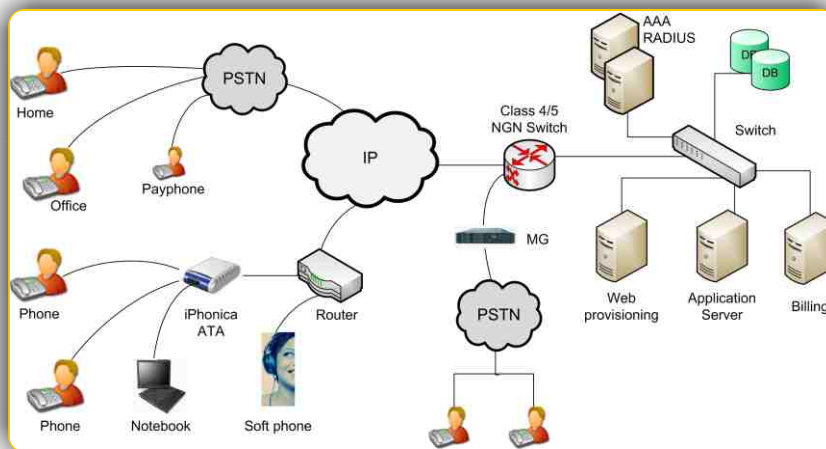
iPhonica NGN Billing

iPhonica NGN Billing (iBilling) is a carrier-grade, real-time billing and customer management platform that enables telephony service providers to launch a wide range of revenue driven services immediately. iBilling provides a scalable, highly-reliable solution that allows telephony service providers to offer flexible pricing plans that support their business strategies and objectives. iBilling is easy to install and integrate with hardware from leading VoIP equipment manufacturers.

Functional Specifications:

- iBilling Platform for class 4 subscribers provides complete prepaid management by ensuring accurate charging of the subscribers, provisioning of features and cost calculation to the service provider.
- The platform comes with a complete SMAP (Service Management Access Point) to manage

- The system supports a number of performance monitoring reports and provides revenue reports to the service provider. Moreover an interface is also available where the Operator can run customized reports.
- iBilling is built on industry standards and is able to accommodate any operator's general service requirements.
- Separate interfaces for Partner Management are available where they can change charging patterns etc.



provisioning, billing, rating and reporting, moreover a CSR module is also available to provide assistance to customer service representatives.

Feature Set:

- Unified prepaid and calling card Functionality
- CLI Registration Service
- Multiple Line service (CLI registration)
- CLI Registration on IVR
- Recharge via credit card
- Online End user portal for billing summary/details
- Access screening (Black and White listing of Callers)
- Destination Screening (Blocking destinations)
- Subscriber Specific announcements
- Logging of IVR Minutes
- Balance Transfer
- Speed Dial
- Last Number Redial
- Follow on Calls

Charging mechanisms:

- Charging based on time of the day, day of the week etc.
- Special rates for events, holidays (Scheduled Charging)
- Multiple of time duration in milliseconds and/or seconds
- Single or multiple Telecommunication Units
- Dual/Multiple charging of one call
- Uniform and variable charging for a call based on the time duration of the call (up to ten levels supported).
- Full control of balance IVR minutes
- Support a variety of surcharges

Rating Engine:

iBilling offers a highly flexible and reliable rating engine. Some of the possible rating schemes supported are:

Time based billing (seconds/minutes/definable minute)

In time based billing a fixed rate per time unit for a plan is defined Commonly used for local landline/mobile calls.

Interval based billing

The intervals are defined in two parts. The 'First Interval' and the 'Incremental Interval'. The first interval is defined in length while the second interval is comprised of equal time units with appropriate rates assigned to it. Total call duration is matched against these intervals.

Progressive Billing

Progressive billing is the method in which the rates change as time passes by. Progressive billing helps

to rate a call in many different blocks. This is especially useful for rating international calls where rates/min change as the length of the call increases.

Origin based billing

Origin based billing is based on billing a customer depending from which part of a country they are calling from. This is useful in countries where different taxes apply to different states.

Destination based billing

Used frequently, destination based billing is where we define rates based on the destination being called, without worrying about where the call is originating from.

Origin-Destination based billing

Origin-Destination based billing is where the origination and destination are defined for a call and use the pair to determine the appropriate rate to apply.

Holiday billing

Holiday based billing or special billing is the ability to define special plans for special time/day slots.

Peak/Off-Peak billing

The most common kind of billing in which peak and off-peak slabs are defined and appropriate rates defined for them. The standard norm is 8:00AM to 6:00PM as peak rate slab and 6:00PM to 8:00AM as off-peak slab.

Reporting Engine

Given below is a list of standard reports that are available.

- Minutes Usage report
- Destination usage report
- Origin usage report
- Plan usage report
- Weekday usage report
- Weekly/Monthly Usage report
- Card based usage report
- Cards generated/active report
- CDR reports
- IVR Minutes report

