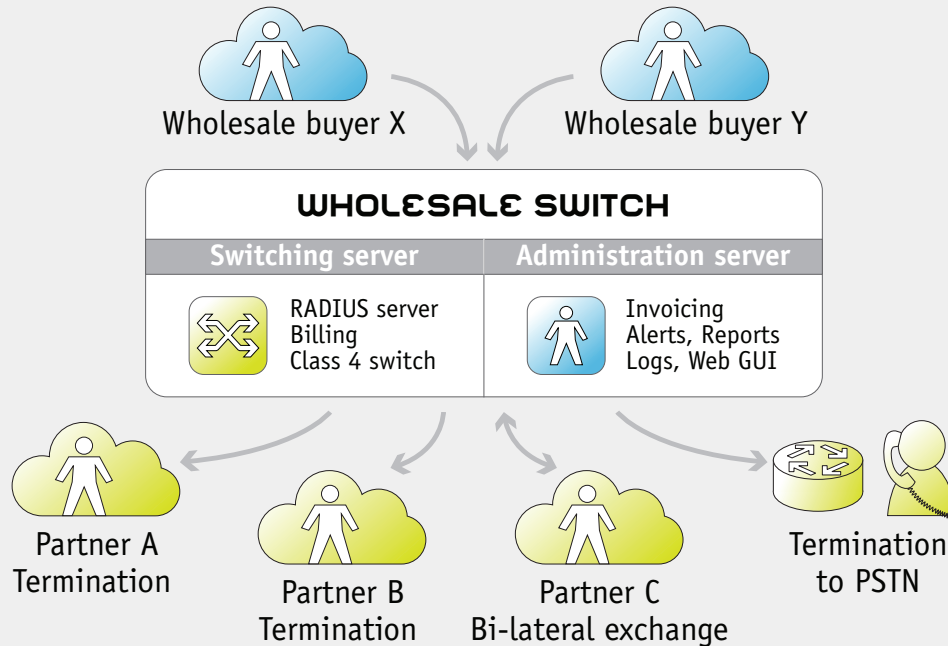


# WHOLESALE SWITCH



## Wholesale Switch: Affordable Reliability

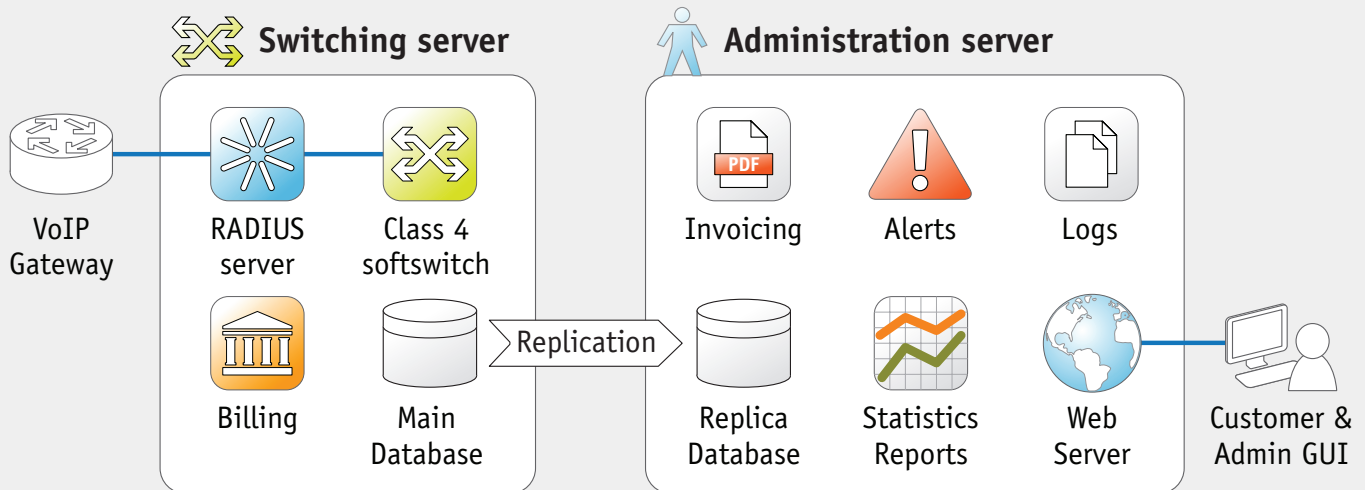


**Wholesale Switch™ is a carrier grade SIP softswitch for small and medium VoIP wholesale carriers and SIP trunking providers**

- Integrated billing with advanced call management, authentication, and authorization
- Carrier grade reliability and security with PortaSwitch based core architecture and full data redundancy
- Variety of advanced routing options: LCR, profit-guarantee, adaptive, dynamic, time of day
- Extensive statistics and reports: ASR, cost/revenue
- Unlimited license for up to 3,000 concurrent calls
- Oracle Enterprise Linux OS and MySQL database
- Seamless software upgrades and the best technical support in industry provided by PortaOne



## Wholesale Switch Features & Architecture



### Billing and provisioning

- Prepaid and postpaid
- Ability to schedule future rate auto-change
- Rate modification history
- Automated carriers' rate lists uploading from CSV/ XLS files
- Peak and off-peak rates
- Flexible off- peak period definition
- Automatic balance offset for bilateral traffic exchange

### SBC & Class 4

- SIP registrar and proxy
- RTP proxy
- Transparent and smart NAT traversal
- Topology hiding
- Distributed denial-of-service (DDoS) attack prevention

### Reports and statistics

- Average success rate (ASR)
- Cost/Revenue Analysis
- CDRs reports and statistics
- PDF invoices with call summary
- Access to self-care pages for termination vendors

### Web interface

- Easy-to-use, intuitive web interface for administration
- Multiple access levels for administrators
- Audit log for all transactions
- Web self-care pages for your customers and vendors
- Multi-lingual web interface

### Routing

- Each termination carrier or customer can have their own tariff, with a different set of prefixes
- Least-cost routing (LCR)
- Profit guaranty routing
- Preset preference based routing
- Fail-over routing
- Dynamic routing
- Individual routing plans for customers
- Destination groups (e.g. UK-Mobile) for easier rate management
- Load-balancing
- Codec enforcement

### OS and DB

- Oracle Enterprise Linux
- MySQL