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1. Overview

Adore Softswitch

Improved and Comprehensive Wholesale and Retail VoIP Switch

About Company

From small start-up to fully fledged company, Adore Infotech today dominates the VoIP Communication Business. Robust Performance Distinctive Design and to offer exhilarating and refined communication experience at competitive prices has been the talisman of our success. Riding ahead of any inflexion in the VoIP market, we will relentlessly strive to offer the best and innovative solution to our esteemed clients.

Who We Are?

Adore Infotech was established in 2004 despite being into the business since 2001. Backed with extensive experience and appetite for innovation and creativity, we soon emerged as a reckoned force in the market. Our pragmatic approach and

expertise in both client as well as server side VoIP telecom solutions helped us keep ahead of inflexion and competitors in the VoIP market. We have always strived to set high benchmarks in the terms of quality, product range and effectiveness. Over the years, enroute a successful journey we have earned the patronage of several clients-big and small alike. You can have a look at our clients' side to see how we have helped them with edge-breaking VoIP solutions.

What We Do

Well! We just help our clients with innovative and up-to-date VoIP and telecom solutions. Keeping ahead of ever changing market scenario and challenges, we are able to render unparalleled workmanship, superior products and exceptional customer support. Manned by a talent pool of professionals who hold extensive industry experience under their belts, we pioneered in providing turnkey VoIP and IP Telephony Solutions to our ever-expanding client base.

Adore Infotech's customized B2B telecommunication solutions are regularly asked by topnotch companies, enterprises, Next- Gen Service Providers (ITSPs), Wireless Internet Service Providers (WISPs), Telephone Companies (TELCOs) and Original Equipment Manufacturers (OEMs) around the globe. The intent is to remain cost-effective whilst offering fully interactive and bespoke telecommunication solutions. We keep ourselves updated with latest technology to ensure that we offer nothing but best to the client. After gaining a deep understanding of the client's requirement, we craft most sophisticated VoIP solutions backed by innovative communication technologies.

Our product range is widely acknowledged for its technical excellence, effectiveness and ability to deliver in all services such as PC- to- Phone, Phone- to- PC, PC-to-PC communications. These services further include acclaimed products like Adore Softphone, Adore Mobile Dialers, Adore Softswitch, Adore VoIP Billing and many more.

Our Values

Building long-term relationship and maintaining optimum quality has always been our foremost priority all these years. Our clients today trust us for being highly accountable, client-centric and sheer level of commitment. In addition, we constantly strive to keep ourselves updated with latest trends and technology in the market to provide innovative perspective and unique solutions to our esteemed clients. Above all, our honest approach, ethical business practices and transparent dealings has further sweetened our relations with the clients.

2. Softswitch Features & Facts

Adore SoftSwitch: Improved and Comprehensive Wholesale and Retail VoIP Switch

Keeping ahead of technology, Adore Infotech presents yet another innovative product to help businesses grow more profitably. Adore's SoftSwitch is a comprehensive SIP based software that effectively bridges Public Switched Telephone Network (PSTN) to Internet Networks, thereby, enabling better supervision of traffic and control overthe connections. This software is fully compatible with latest Voice over Internet Protocol (VoIP) technology and internet enabled devices available in the market.

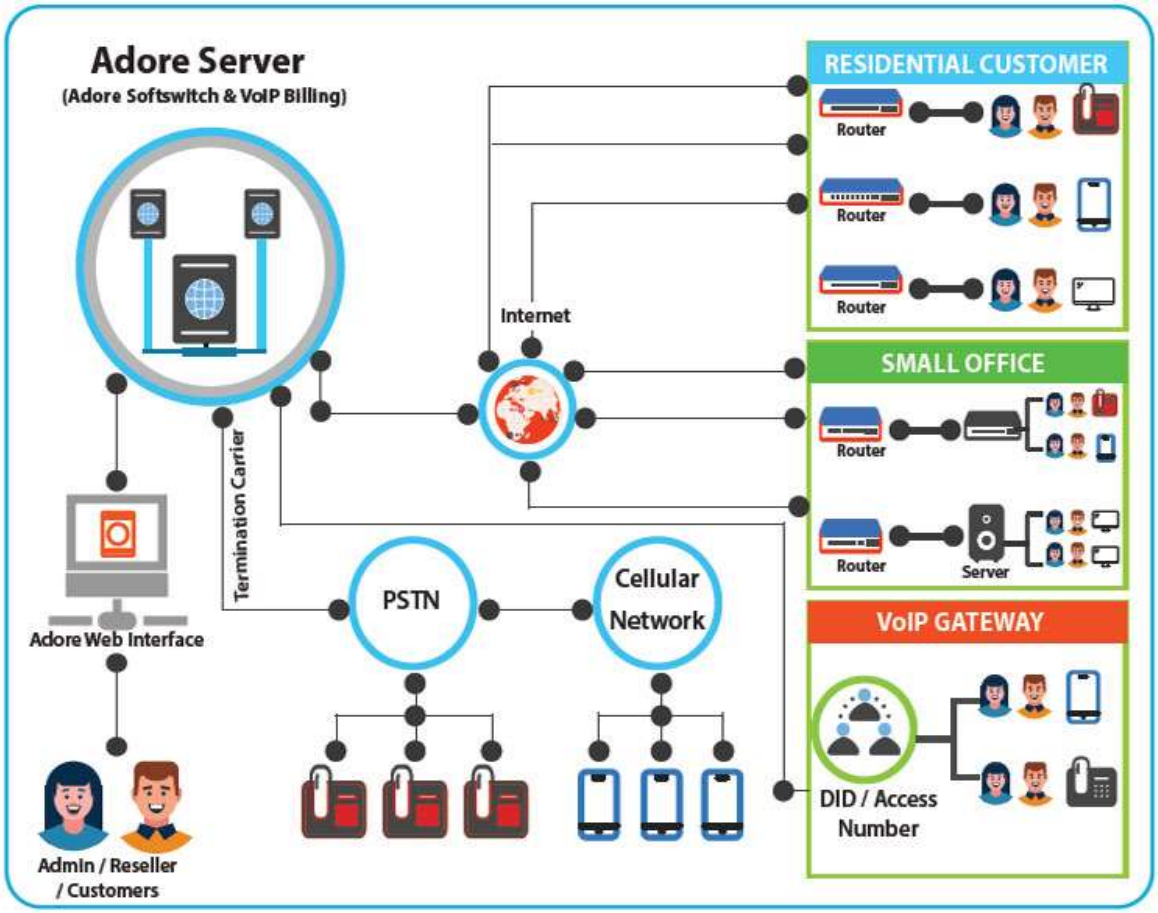
Adore Infotech understands the dynamic nature of Wholesale and Retail business. To provide a complete and advance solution that works as a media gateway as well as processes all types of packet protocol signals without any data loss, we developed Adore SoftSwitch. With this software enterprises and small businesses alike can manage VoIP networks like never before. Not only does it allows you to offer uninterrupted services to the consumer with an amazingly low primary outlay but also lowers downs the operating cost tremendously. To make it more comprehensive and a one-stop-solution to all your needs, we have integrated it with VoIP Billing and Calling Card facility. Yes! Adore SoftSwitch is surely the most complete and advance solution of modern times

Included System of Softswitch :

- SoftSwitch : Wholesale & Retail VoIP Switch
- VoIP Billing : Billing, Database & Web Interface

- Calling Card System
- Two day Remote Training Program
- One month Remote support package

SOFTSWITCH : WHOLESALE & RETAIL VoIP SWITCH



Features of Adore Softswitch :

New Releases :

- **SMS Features with SMS Billing**
- **PIN to PIN Balance Transfer**
- **Mobile Topup**
- **Callshop System**

Account and user management:

- Multiple Calls on one account
- Customer Management
- Prepaid/Postpaid recharge
- Agent Account
- Batch management
- Signup(customer)
- Account detail(Agent, Customer)
- Recharge/Payment Online
- SIP Device Add/Delete
- Limit the maximum number of Calls per customer
- Block Prefix
- CDRS
- Invoice
- Charges
- IP Termination (Wholesale)
- Real-time billing
- Multiple level reseller
- Multiple provider creation & login

Billing Reports and Invoice management:

- CDR (Admin, Sub-Admin, Reseller, Sub-reseller, Customer, Provider)
- Calls Report
- Live Calls Report
- Summary Report
- Trunk Stats

- Search Criteria for reporting
- Export report to PDF & Excel
- Invoice generation
- Payment Report
- Commission Report
- ASR & ACD

Rate Management:

- Billing Increment
- Termination Rates
- Origination Rates
- Rate Group
- Connect Charge
- Expiry of rates
- Import Rate sheet

Calling Features:

- VoIP Wholesale
- Calling Card
- PC-Phone
- Device-Phone
- Phone-Phone
- Mobile VoIP

LCR & Gateway Management:

- Multiple Provider supported
- Multiple gateway supported
- Add multiple SIP Providers
- Provide redundancy based on cost
- Strong LCR engine
- Call Limitation per trunk
- Many trunks per provider
- Costs for provider routes based on area code
- Limitation channels by each provider

DID management

IVR management:

- IVR prompts(balance, destination, credit time)
- Customize IVR in Multilanguage

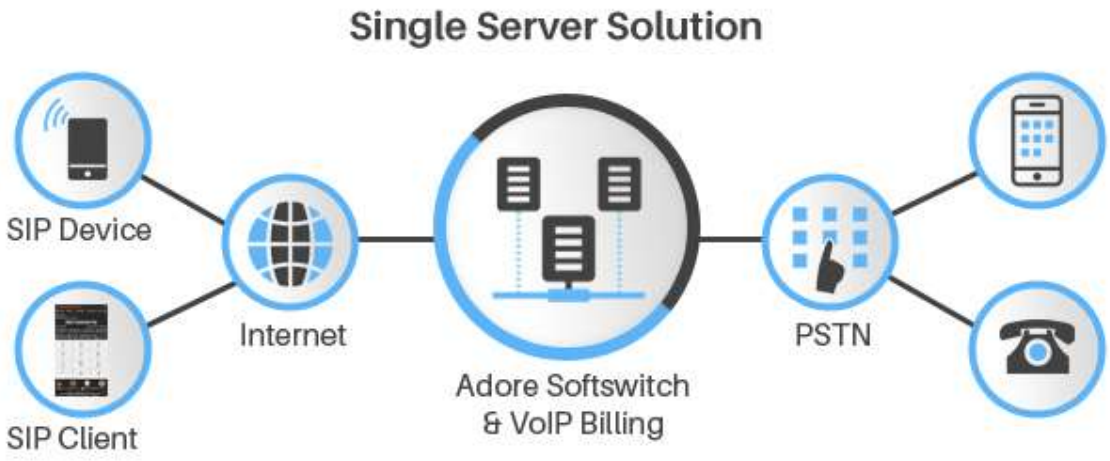
Additional Features:

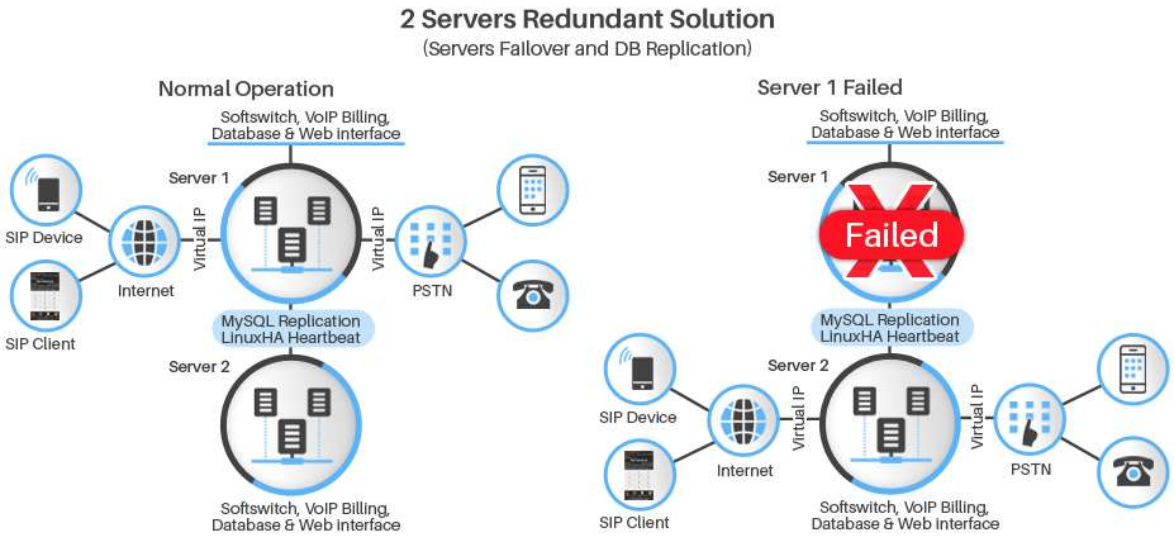
- Multi currency support for Balance
- Signup
- Email Notification
- User Validation support for admin
- Export data into PDF or Excel

The Softswitch is essentially a software-based gadget relevant with different sorts of information transfers system to give an effective passage to voice and data traffic along with conference calls. Our offered Softswitch is intended to deal with

the web based user-interfaces that thusly helps for getting advanced monitoring and system management applications.

Implementation:





3. System Requirements

System Requirements:

Adore Infotech recommends following Hardware and operating system specification

Hardware Requirements: Intel Core i5 Processor /8 Gb RAM/1 TB HDD

Software Requirements:

- Linux CENTOS 6.x (complete installation)
- Yum Server

Internet connection:

The use of a 1Gbit Ethernet card is a prerequisite for Adore system with good broadband Internet connection.

Pre-installation Considerations:

Here is some information that we think is worth knowing prior to installing the Adore Softswitch.

- Linux server should be on public IP
- SSL Certificate should be install on the Linux server

Carrier:

Carrier which supports SIP calls, g711, g723 and g729 codec.

Installation:

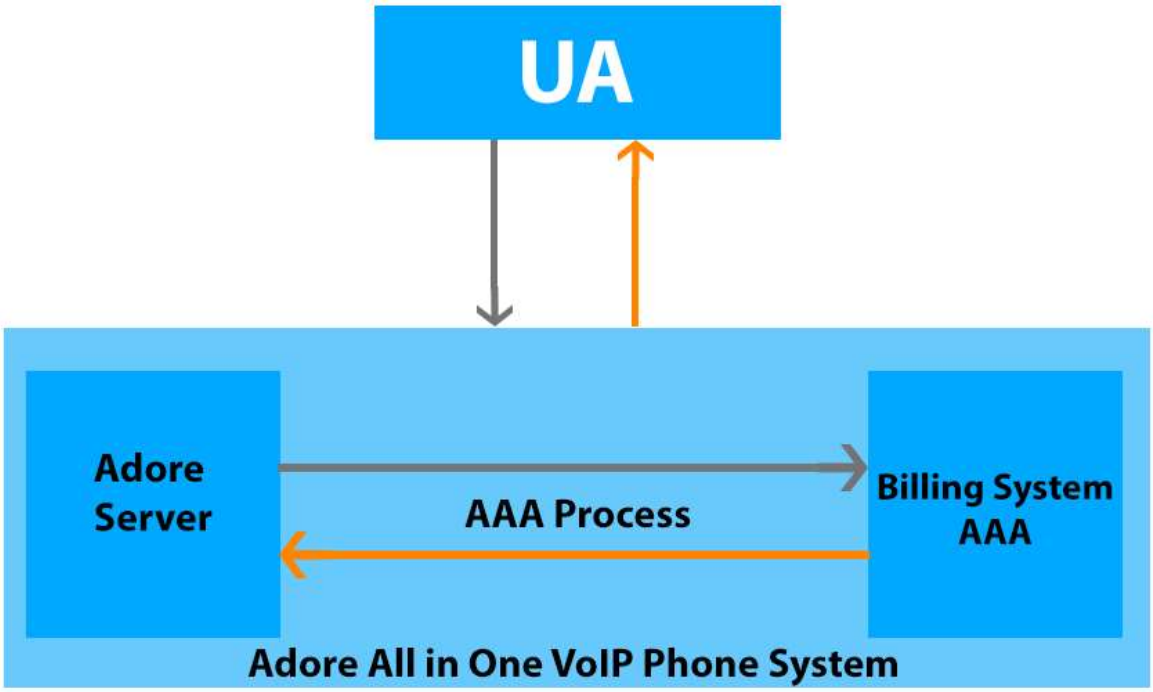
AdoreInfotech requires remote access of server for installation. The installation will be done by SSH connection on Linux server.Its installation requires internet facility and the time taken for its set up mainly depends on the nature and amount of customization to be done and the nature of service provider's infrastructure. Our competent and reliable force of engineers renders spectacular services in solving every bit of installation related problem.

4. How Does It Works

How Does It Works

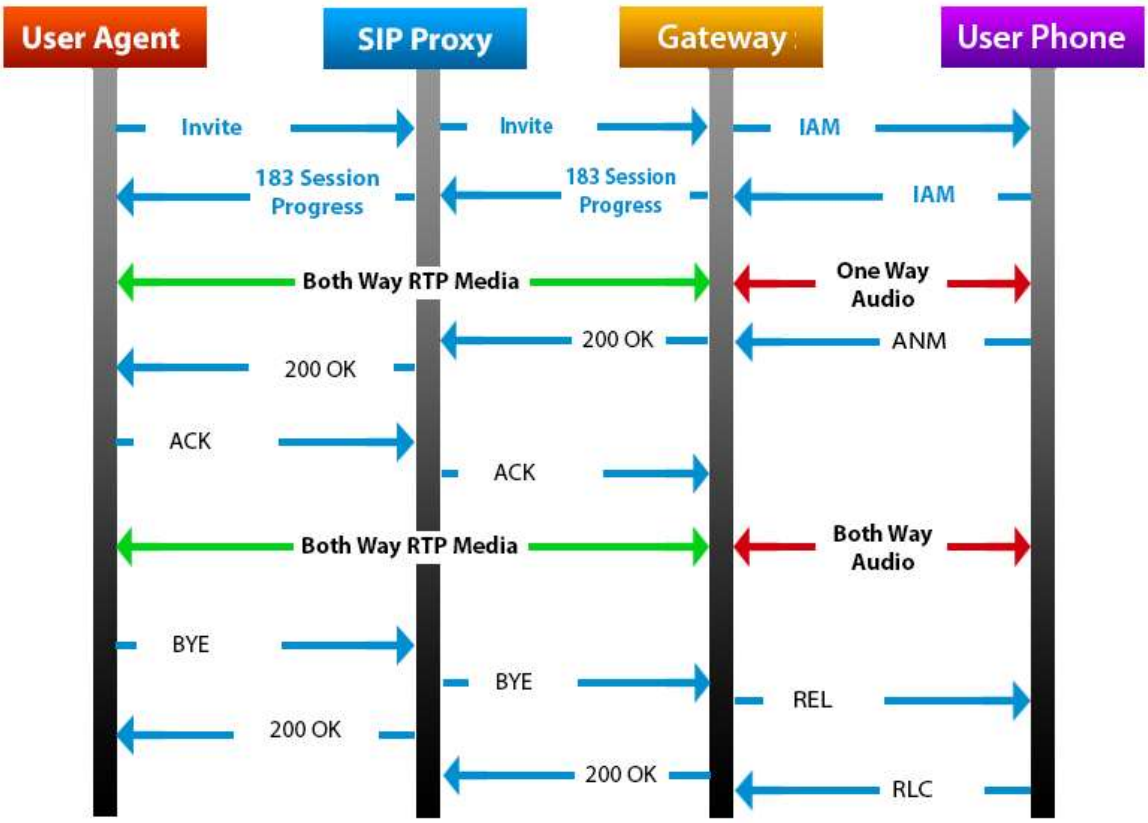
Registration Process

This is user agent (Soft phone, IP Phone) registration process diagram.



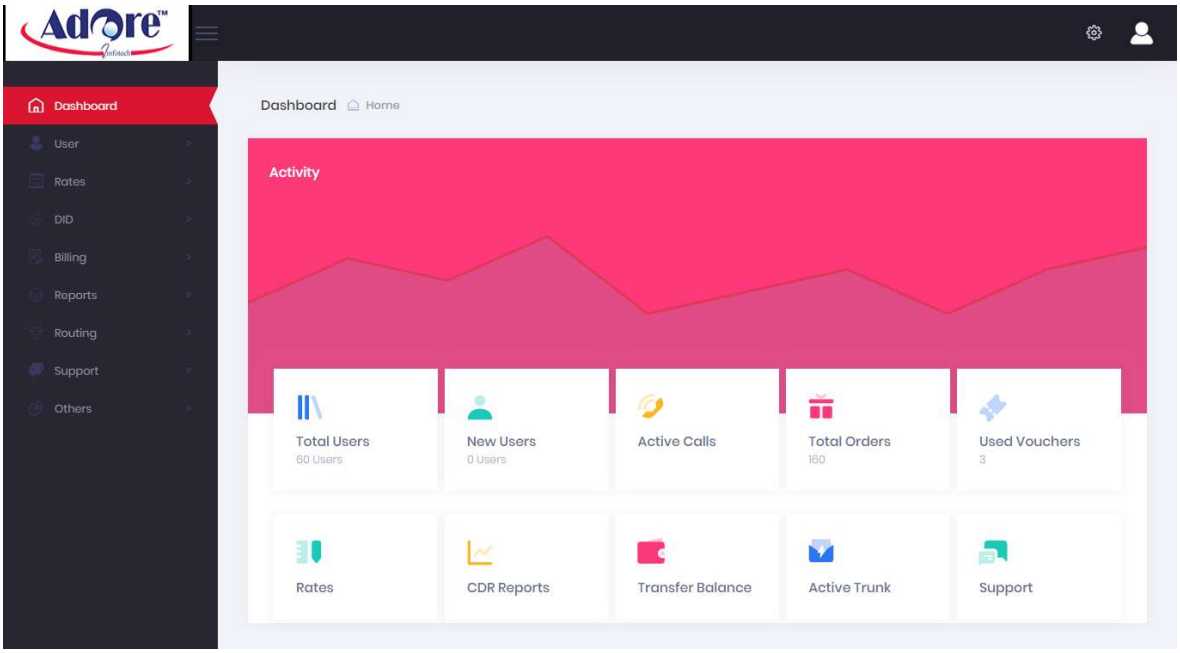
Registration Process Flow Diagram

Call Flow Diagram

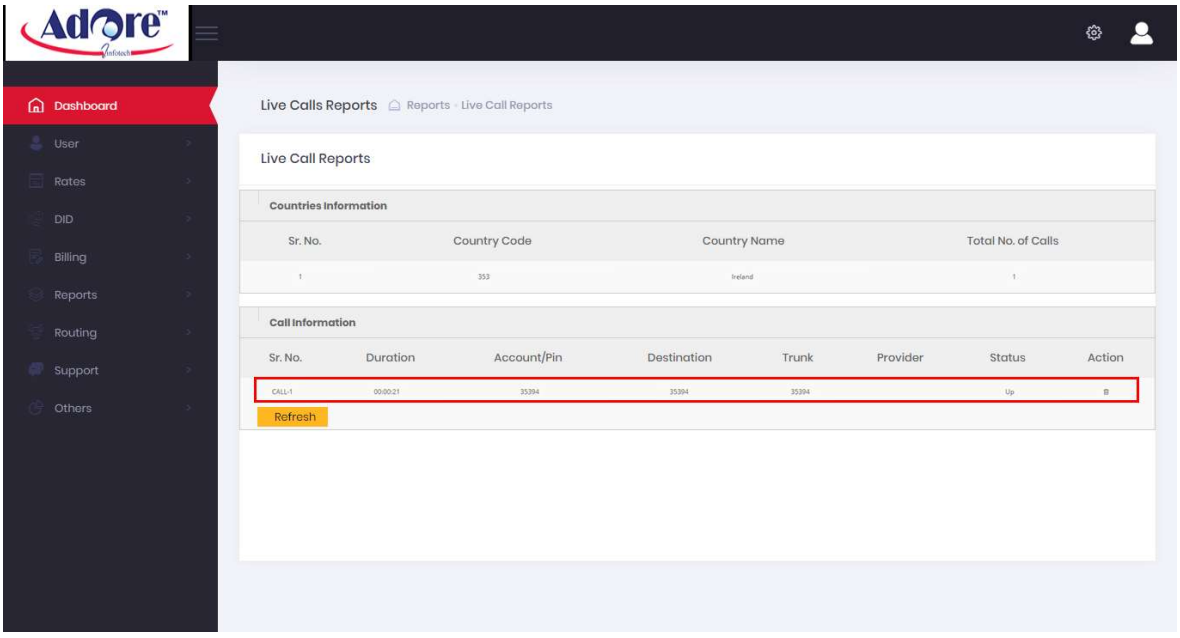

User Agent
SIP Proxy
Gateway
User Phone
Invite
Invite
IAM
183 Session Progress
183 Session Progress
IAM
Both Way RTP Media
One Way Audio
200 OK
ANM
200 OK
ACK
ACK
Both Way RTP Media
Both Way Audio
BYE
BYE
REL
200 OK
200 OK
RLC

5. Web Portal Overview

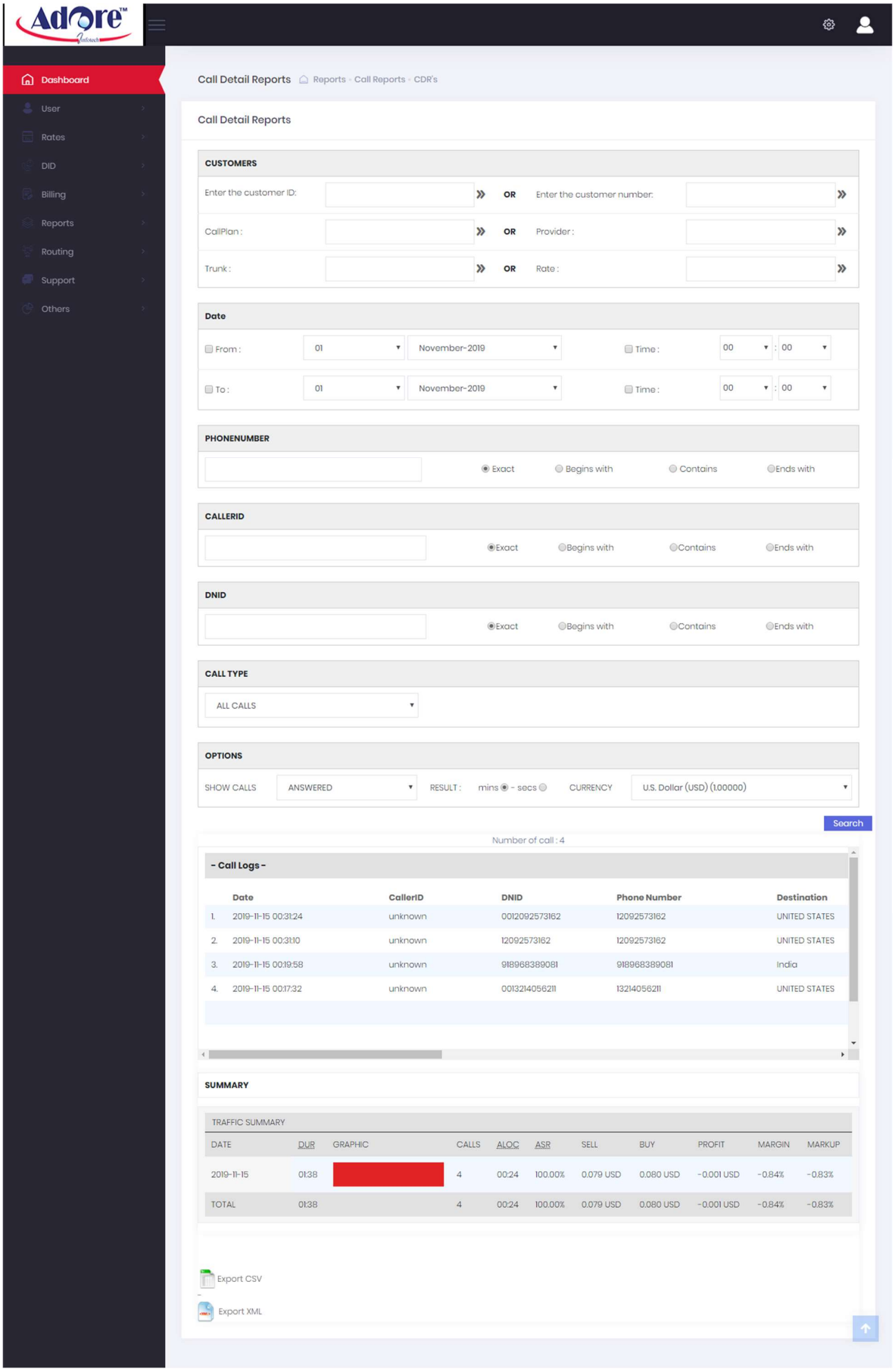
VoIP Billing Admin Module



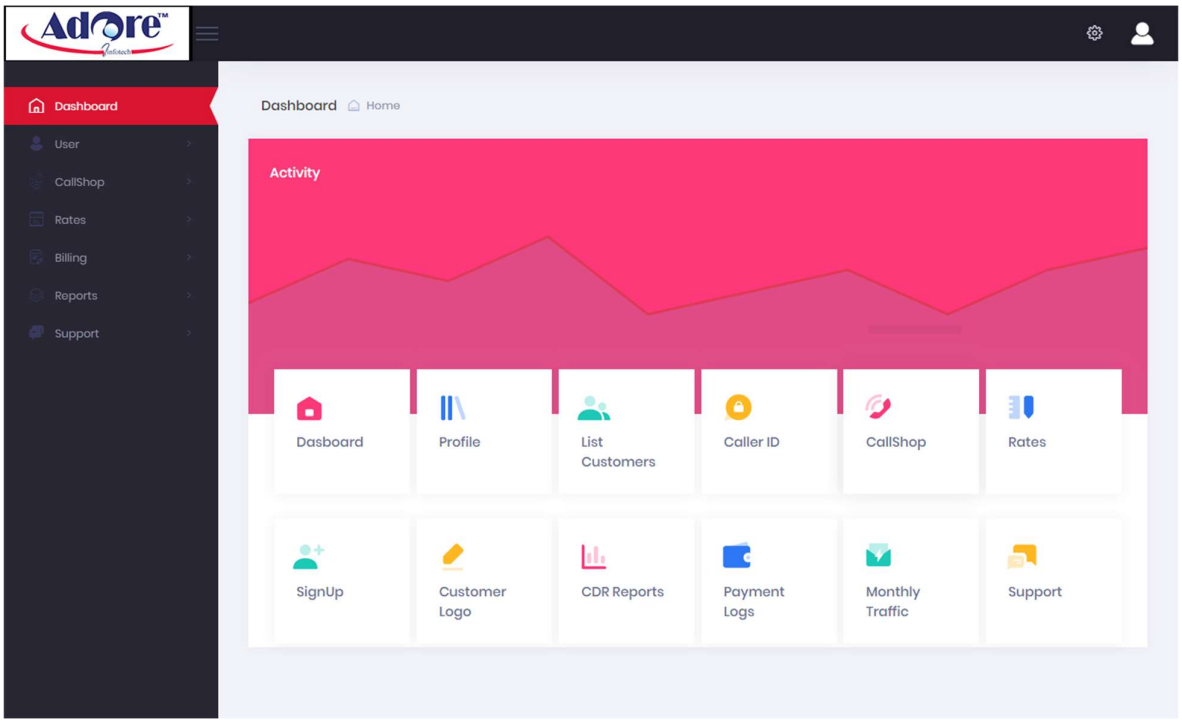
Live Call Report



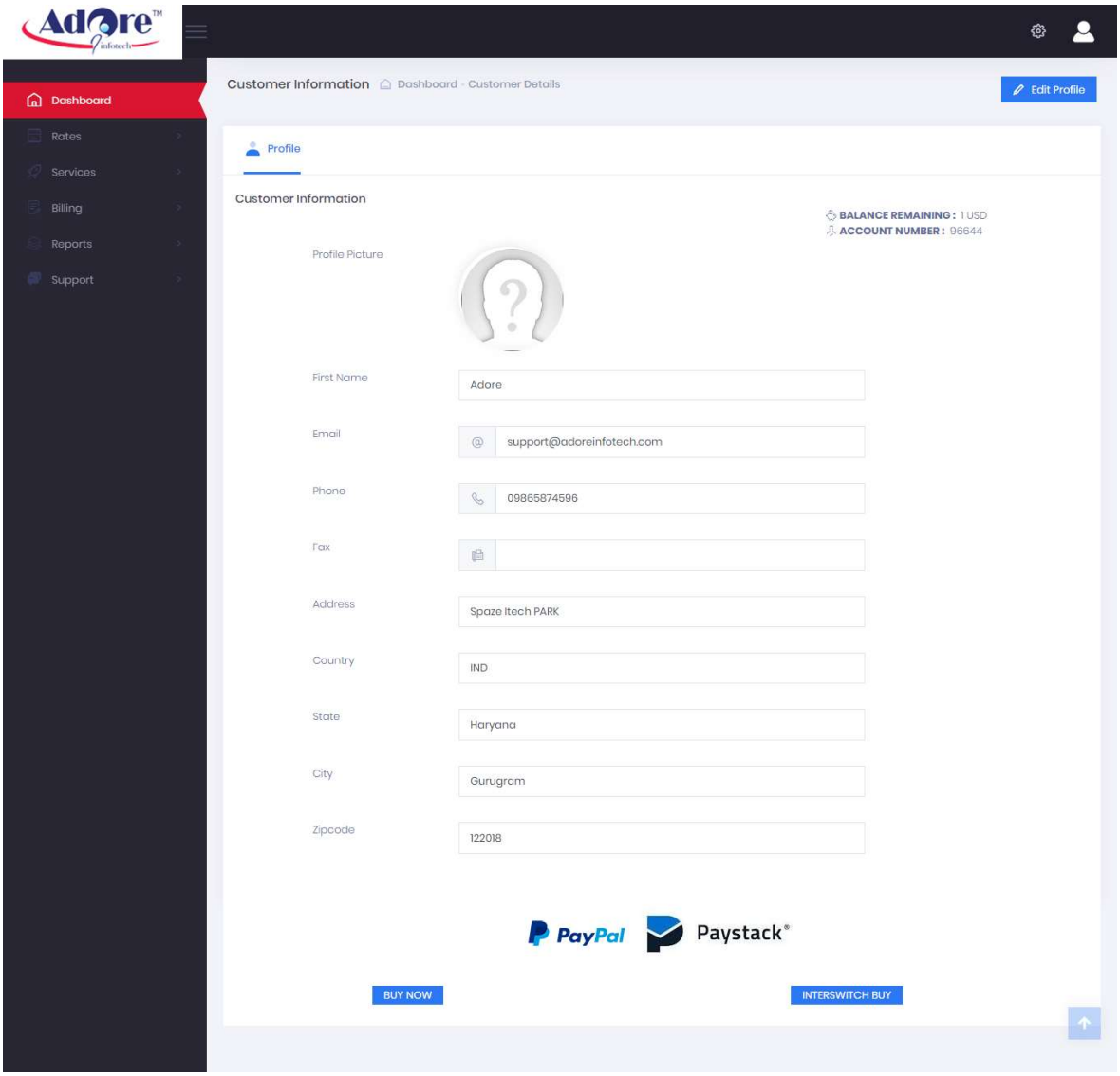
Call Detail Record (CDR)


AdOre
Dashboard
User
Rates
DID
Billing
Reports
Routing
Support
Others
Call Detail Reports
Reports » Call Reports » CDR's
Call Detail Reports
CUSTOMERS
Enter the customer ID:
OR
Enter the customer number:
CallPlan :
OR
Provider :
Trunk :
OR
Rate :
Date
From :
01
November-2019
Time :
00
00
To :
01
November-2019
Time :
00
00
PHONENUMBER
Exact
Begins with
Contains
Ends with
CALLERID
Exact
Begins with
Contains
Ends with
DNID
Exact
Begins with
Contains
Ends with
CALL TYPE
ALL CALLS
OPTIONS
SHOW CALLS
ANSWERED
RESULT :
mins - secs
CURRENCY
U.S. Dollar (USD) (1.00000)
Search
Number of call : 4
- Call Logs -
Date
CallerID
DNID
Phone Number
Destination
1. 2019-11-15 00:31:24 unknown 0012092573162 12092573162 UNITED STATES
2. 2019-11-15 00:31:10 unknown 12092573162 12092573162 UNITED STATES
3. 2019-11-15 00:19:58 unknown 918968389081 918968389081 India
4. 2019-11-15 00:17:32 unknown 0013214056211 13214056211 UNITED STATES
SUMMARY
TRAFFIC SUMMARY
DATE DUR GRAPHIC CALLS ALOC ASR SELL BUY PROFIT MARGIN MARKUP
2019-11-15 01:38 4 00:24 100.00% 0.079 USD 0.080 USD -0.001 USD -0.84% -0.83%
TOTAL 01:38 4 00:24 100.00% 0.079 USD 0.080 USD -0.001 USD -0.84% -0.83%
Export CSV
Export XML

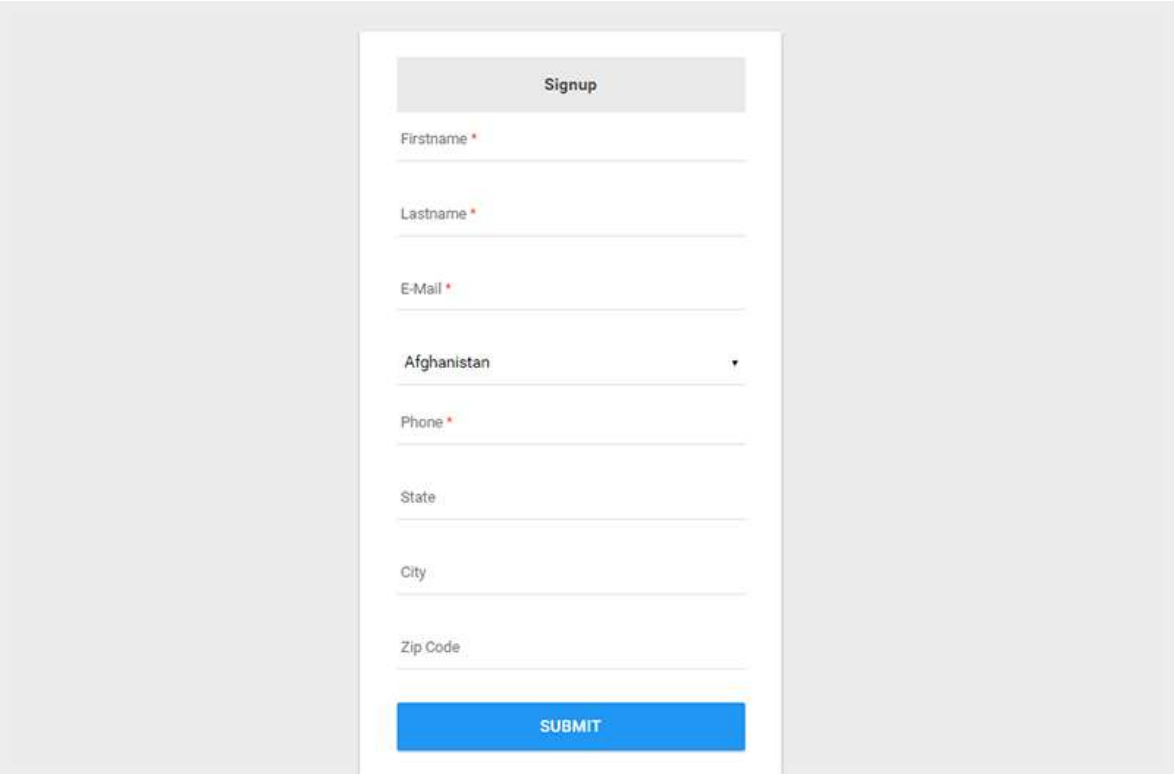
VoIP Billing Agent Module



VoIP Billing Customer Module



Signup Module



Benefits:

- User Friendly Billing Interface.
- Remote Installation.
- Online Training Program.
- Online Support.
- Quick Installation.

6. Contact Us

Sales:

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E-mail:
sales@adoreinfotech.com

Support:

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support@adoreinfotech.com