

CLUSTERPBX™

MULTI-SITE PHONE SYSTEM

INSTITUTIONAL AND ENTERPRISE LEVEL VOIP TECHNOLOGY



SCALABLE

CUSTOMIZABLE

RELIABLE

// THE POWER OF MODULIS

The power of Modulis VoIP solutions can now be in your hands. With institutional and enterprise level VoIP technology and support, Modulis can answer all your needs for complex multi-tenant workplace scenarios. You will be amazed by the possibilities of Modulis ClusterPBX™ VoIP technology for large scale multi-site corporations with its scalable, robust and high-end solutions for Internet voice telephony. Modulis ClusterPBX™ is an truly affordable, web based, dashboard solution with powerful features such as premium support level and no license fees that can handle 200 to 50,000+ users!

At Modulis, we integrate the industry's best brands to provide you with a seamless transition to our secure and dependable business telecommunications system. ClusterPBX™ can easily be scaled to meet your business demands, controlled to act and feel the way you like best and customized to meet your everyday needs. Let Modulis support your efforts.



CLUSTERPBX HIGHLIGHTS

- ✓ 50,000+ Users/Phone Extensions
- ✓ Handles 60,000+ Calls Per Day
- ✓ 99.999% Uptime
- ✓ Web Based Interface
- ✓ Clustered & Fully Redundant Architecture
- ✓ No License Fees
- ✓ White Label Technology
- ✓ 100% VMware Compatible
- ✓ MultiProtocol (SIP, H.323, IAX2)
- ✓ Continuous Innovation

MODULIS HIGHLIGHTS

- ✓ Certified Digium Support (dCAP)
- ✓ Leading Provider Of Institutional & Enterprise VoIP Technology
- ✓ Largest Asterisk Certified Team In Canada
- ✓ Best In Class Security
- ✓ Provider of Fully Customizable Solutions
- ✓ Builder of Continuity Through Open Source Technology
- ✓ 24/7 Support & Helpdesk

// THE CLUSTERPBX™ SOLUTION BY MODULIS



CAPACITY, SCALABILITY & REDONDANCY

Modulis ClusterPBX™ is a scalable and fully redundant "multi-group" communications system perfect for large scale businesses and institutions.



INTUITIVE DASHBOARD TECHNOLOGY

Become proficient with our web-based dashboard technology in no time. You won't believe the time you save using our streamlined login, easy interactions, phone management tools and our top of the line support.



ADMINISTRATIVE FLEXIBLTY

Enjoy virtually unlimited phone and device model compatibility. Fully control user and provider access levels as well as administrator and end user profiles definition.

// THE CLUSTERPBX™ COMPETITIVE ADVANTAGES



ADAPT IT

The Modulis ClusterPBX™ adaptable and scalable solution quickly aligns with your constantly evolving business needs. There is no license fee on unified communication features.



CONTROL IT

Have the kind of control you have always wanted thanks to an incredibly user friendly web interface. Enjoy fully customizable configuration possibilities including user AND phone specific destinations and features.



CUSTOMIZE IT

Setup your own ClusterPBX™ dedicated installs on your private servers and manage things the way you want to thanks to a rock solid Open Source based technology.

// É.T.S. A MODULIS CLUSTERPBX™ CASE STUDY

Montreal's "École des Technologies Supérieures" Engineering School Relies on ClusterPBX™ to Streamline Communications and Improve Cost Effectiveness.

// THE CHALLENGE



ÉTS, a Montreal based engineering school part of the Quebec National University network, was looking for a unifying and "across campus" communications technology that would allow them to reuse their existing IP phones. They were looking for a large scale solution that could connect faculties, students and staff using a variety of communications technologies from phones to video conferencing. Furthermore, ÉTS required a cost effective solution that could handle and support 1,600+ users.

// THE SOLUTION



Modulis implemented its ClusterPBX™ solution for ÉTS, which included unified communication tools and premium support. Modulis' simple no license fee cost structure aligned perfectly with the budget conscious campus objectives. A user-friendly, web based, dashboard interface was deployed to allow for total system management. The solution was also multi-tenant and fully customizable.

// THE IMPLEMENTATION



Modulis and ÉTS worked together through every step of the implementation process which insured a seamless transition to the Modulis ClusterPBX™ technology. Our seasoned project managers and call support engineers delivered the products and services on time according to the timeline set forth in the initial service proposal. Modulis also included a quality assurance, post-install, follow up process and continues to offer support and maintenance to this day.

// THE RESULTS

Switching to the Modulis ClusterPBX™ has been proven essential in order to achieve a massive, campus wide, low cost transition to a unified platform managing and accommodating 1,600+ phone lines. Modulis' advanced VoIP technology was instrumental in streamlining internal communications and in increasing campus productivity as well as student satisfaction. ÉTS significantly improved operation costs through Modulis' sustainable cost structure and greatly reduced maintenance costs by eliminating license fees. ClusterPBX™ and Modulis' experience now guarantee easy growth and fast response to the constant service demand increases. Modulis is truly the right answer for robust and unified communications.



“MODULIS WAS AND REMAINS INSTRUMENTAL IN OUR SUCCESSFUL DEPLOYMENT AND MAINTENANCE OF A ROBUST & CUSTOM VOIP SOLUTION.

- LUC BEAULÉ
ÉTS TELECOMMUNICATIONS SERVICES MANAGER

”

// THE MODULIS CLUSTERPBX™ SYSTEM

As an IT manager or a business leader facing the challenge of integrating an existing VoIP communication system or setting up a brand new VoIP system from the ground up, you can trust Modulis and turn to its seamless ClusterPBX™ solution. Imagine up to 50,000 IP phones that can rely on an intuitive and simple to use web based dashboard technology to:

- ✓ Configure all phones and all options
- ✓ Manage web based https provisioning for all major IP phone suppliers (Yealink, Polycom, Aastra, Cisco, SNOM)
- ✓ Register up to ten devices to the same extension
- ✓ Cloner devices and users

As a scalable, multi-tenant and domain aware solution that is both clustered and load balanced, with no licence fees, offering complete unified communications features. ClusterPBX™ offers you all this and more:

- ✓ Call destination control (restricted dialing)
- ✓ Support for virtualized environments (VMWARE, XEN, KVM, HYPERV)
- ✓ Drop-in replacement for CS1000 Nortel/Avaya and Cisco Unified CallManager
- ✓ End user mobile App to manage options and check voice mail.
- ✓ Special licensing available for source code access

// TOP COMPETITIVE FEATURES



Supports 20 to 50,000 users



Advanced IVR Features



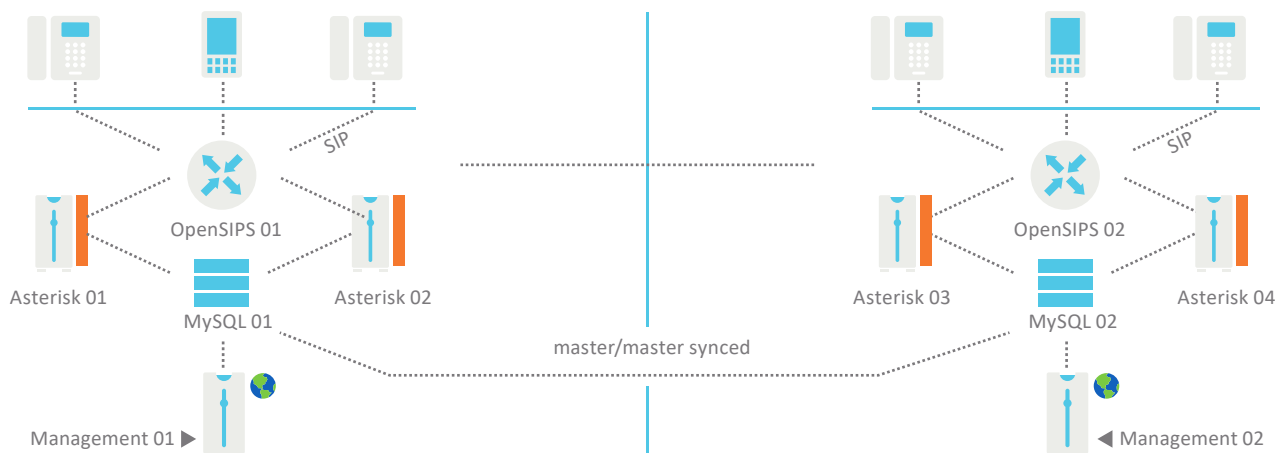
Secure Optional RTPS Encryption



Powerful SIP Trunking



Compatible with All Major IP Phone Suppliers



// PBX FEATURES

- ▶ Blind Transfer
- ▶ Call Detail Records
- ▶ Call Forward when Busy
- ▶ Call Forward on No Answer
- ▶ Call Forward Variable
- ▶ Call Monitoring
- ▶ Call Retrieval (Pickup)
- ▶ Call Routing (DID & ANI)
- ▶ Call Transfer
- ▶ Call Waiting
- ▶ Caller ID
- ▶ Flexible Call Display
- ▶ Calls, Ring Groups and by Destinations/ IP Subnet
- ▶ Conference Bridging
- ▶ Database Integration
- ▶ Dial By Name
- ▶ Direct Inward System Access
- ▶ Do Not Disturb
- ▶ Flexible E911
- ▶ Flexible Extension Logic
- ▶ Interactive Directory Listing
- ▶ Interactive Voice Response (IVR)
- ▶ Music on Hold
- ▶ Music on Transfer
- ▶ Protocol Conversion
- ▶ Remote Call Pickup
- ▶ Roaming Extensions Supervised
- ▶ Transfer
- ▶ Three-way Calling
- ▶ Time & Date Conditions
- ▶ Transcoding
- ▶ Trunking
- ▶ VoIP Gateways
- ▶ Voicemail
- ▶ New Message Visual Alert
- ▶ New Message Stuttering Dial Tone
- ▶ Voicemail to Email
- ▶ Web Voicemail Interface
- ▶ Webphone

SUPPORTED CODECS

- ▶ G.711 (A-Law & μ -Law)
- ▶ G.722
- ▶ G.729a
- ▶ H.264
- ▶ iLBC

// INTEGRATION STEPS

- 1 Contact us by email of Modulis Fax and get a professional response from our expert sales staff within 24hrs.
- 2 Consulting, Appraisal & Strategy — First we consult with you, then we appraise your current system and evaluate your needs, finally we design a migration strategy for success.
- 3 Seamless Implementation — We train your team for a seamless 2 to 4 weeks implementation with remote supervision.
- 4 Go Live — We make sure that your business or organization easily transitions to our user friendly and feature rich platform.
- 5 Support— Modulis is there to support you the whole way through with training and maintenance as you need it.

// MODULIS' SUPERIOR CUSTOMER SERVICE



You can rely Modulis' Support Team of professionals and engineers, with superior VoIP knowledge and skills, to identify issues and solve them as quickly as possible. You also benefit from personalized accounts and subscriptions, a strong knowledge base and a comprehensive library of downloadable resources our current customers just love!

Our esteemed customers and members receive the information they need when they need it. Software updates are performed frequently and nodes are updated progressively with no downtime. Modulis' superior customer service experience is efficient, accurate and professional every time.

// SYSTEM REQUIREMENTS

- ▶ Web Management Interface : 1+ CPU, min. config. 1GB RAM, 10GB HDD
- ▶ SIP Proxies / OpenSIPS: 1+ CPU, min. config. of 2GB RAM, 10GB HDD
- ▶ DB Server: 1+ CPU, min. config. 4GB RAM, 20GB HDD
- ▶ Asterisk Media Nodes: 1+ CPU, min. config. 1GB RAM, 20GB HDD
- ▶ Optional:
 - UNISTim/CSSP SBC/ Converter Machine : min 1 CPU, 1GB RAM, 20GB HDD
 - Network Services (DHCP, DNS, NTP, TFTP etc). 512MB RAM, 10GB HDD. Can be shared with another CPU that is part of the architecture.

- All tasks can be shared on a single machine.
- More Machines = More Availability = More Redundancy.

HOSTING OPTIONS

- Cloud Based on Modulis Managed Servers
- Hosted in your Private Cloud (VMware)

SUPPORTED PROTOCOLS

- Supports SIP, SCCP and UNIS-TIM SIP Proxying

CONNECTIVITY FEATURES

- Web Management Interface
- IP Ethernet / WiFi: SIP Phones, Softphones and Webphones
- Voicemail to Email
- SCCP Support

SUPPORTED IP PHONES

Digium	Nortel
Cisco	Snom
Avaya	Yealink
Polycom	Aastra
EnGenius	Panasonic
Spectralink	Grandstream

// MODULIS MAINTENANCE PLANS

		Plan Level			
Feature	On Demand	1	2	3	4
Handling of Equipment Return Under Warantee	Hourly Rate	-	-	Included	Included
Automated Monitoring	-	-	-	24/7	24/7
Telephone Support	9am - 5pm EST	9am - 5pm EST	9am - 5pm EST	9am - 5pm EST + option	24/7
Implementation of Modifications	Hourly Rate	Included	Included	Included	Included
Documentation	-	-	Wiki	Wiki	Wiki
Programing Additional Extensions	Hourly Rate	Included	Included	Included	Included
Knowledge Transfer	-	-	9am - 5pm EST	9am - 5pm EST	9am - 5pm EST
Ongoing Training	-	-	9am - 5pm EST	9am - 5pm EST	9am - 5pm EST
Proactive Security Updates	Hourly Rate	Included	Included	Included	Included
Bug Fix Updates	Hourly Rate	-	Included	Included	Included
Daily Backups	Hourly Rate	Fee Based	Fee Based	Fee Based	Fee Based
Adding Features	Hourly Rate	Fee Based	Fee Based	Fee Based	Fee Based
On-Site Interventions	Hourly Rate	Fee Based	Fee Based	Fee Based	Fee Based
Scheduled On-Site Visits	Hourly Rate	Fee Based	Fee Based	Fee Based	Fee Based
Support for Problems Originating from External Factors	Hourly Rate	Fee Based	Fee Based	Fee Based	Fee Based
Number of Supported Administrators	1	1	2	3	3
IVR Updates	Hourly Rate	Fee Based	Yearly	Quarterly	Quarterly
Garanteed Response Time*	-	24 Hours	4 Hours	1 Hour	15 Min
Garanteed Repair Time*	-	48 Hours	8 Hours	4 Hours	1 Hour
Target Response Delay *	48 Hours	24 Hours	1 Hours	15 Min	15 Min
Technical Advice	-	-	Included	Included	Included

* For Urgent Requests – Note: 24/7 Service Available for Additional Costs

// WHO IS MODULIS?

// THE MODULIS STORY

Modulis was founded in 2006, providing Open Source consulting to Canadian businesses and organisations. By 2009, Modulis was focusing on advanced VoIP infrastructure and has since supported a rapidly growing client base in North America and Europe. The Modulis story keeps getting bigger and better with over 25,000+ combined users across the globe.

// THE MODULIS TEAM

The Modulis management team comprises of a mix of IT, software development, VoIP telecommunications, Asterisk Open Source and computer science experience to the company. They all share a common goal: "To produce results. The kind that our customers will appreciate while using a robust communications system."



// PRODUCTS AND SERVICES

Modulis is focused on high-end advanced VoIP services and solutions that offer professional, quality communications technology for institutions and enterprises on the global market.

The Modulis solutions come with the superior support level by professionals who know every aspect of VoIP and phone communications and understand the client's need.

- ✓ Best in Class Security - You can't afford to go without.
- ✓ Continuous Innovation - You and your customers will thoroughly enjoy.
- ✓ Consulting & Development - To get your business or organisation where it needs to be.

// HOW WE DO IT

Our engineers have built powerful technology layers based on the trusted, rock solid Open Source Asterisk framework. Our proprietary systems allow us to provide unified communications, VoIP consulting for Asterisk systems, SIP Trunk lines and VoIP Cloud solutions as well as a full range of VoIP equipment for companies and organizations of all sizes.

- ✓ Customers can rely on state of the art Modulis data centers for 99.999% uptime and total redundancy
- ✓ Companies succeed using our proven and leading Asterisk/Linux technology powered systems.
- ✓ "Modulis is committed to providing its customers with the highest quality services and solutions using the best that Open Source has to offer."

- Adrien Laurent, CEO

// WHO WE WORK WITH

Supporting hundreds of clients with institutional and enterprise level integration



*One of Canada's Largest
Metal Producer*

“ EVERYTHING IS
RUNNING SMOOTHLY. ”



A Leading Arts Center

“ THEIR TEAM HAS ALWAYS BEEN
FLEXIBLE, EFFICIENT AND ANSWERING
ALL OUR REQUIREMENTS. ”



Engineering University

“ OUR SATISFACTION
LEVEL IS VERY HIGH. ”

We support all major IP phones and hardware brands.



GETTING STARTED IS EASY. CALL US NOW AT **1-855-MODULIS**

OR SEND US AN EMAIL AT **SALES@MODULIS.COM**

TO LEARN MORE OR REQUEST A SERVICE PROPOSAL



PHONE

1-855-MODULIS

WEEKDAYS 9AM TO 5PM (GMT-5)



FAX

1-514-907-9050



EMAIL

SALES@MODULIS.COM



ADRESSE

**6250 BOULEVARD MONK
MONTREAL,
QC H4E 3H7**



WWW.TWITTER.COM/MODULIS



WWW.FACEBOOK.COM/MODULIS



WWW.LINKEDIN.COM/COMPANY/MODULIS



WWW.PLUS.GOOGLE.COM/+MODULISCA/POSTS

INNOVATIVE



Modulis is forward thinking and innovative. Constantly evolving to meet the needs of modern businesses and organizations. We are immersed in next generation cloud technology and optimum security to wow our customers and further maintain our leading position in cutting edge VoIP communications technology.

COMMUNITY



Modulis is dedicated to supporting Open Source community programs and participates in a variety of Open Source projects such as OpenSIPS, FreePBX and Asterisk.

CLOUD



Modulis offers a fully supported cloud based solution for the most complex business communications scenarios. IT managers and business leaders need not leave their offices to get things done since we remotely service their institutions and enterprises worldwide through our redundant data centers.

MODULIS-FOR "BEST IN CLASS" ENTERPRISE
LEVEL COMMUNICATION TECHNOLOGY THAT
MAKES A DIFFERENCE, EVERY DAY!



CONTACT

Phone: 1-855-MODULIS

Email: sales@modulis.com

Website: www.modulis.com