

FLEXIBLE DEPLOYMENT AND MANAGEMENT

The DiVitas Mobile Unified Communications solution (DiVitas Mobile UC) combines corporate voice and messaging applications (deskphone, contacts, IM, presence and soon, push-to-talk) for businesses and places them onto a smartphone. Now workers stay highly available using familiar tools and applications.

In addition to native mobile voice and email, DiVitas adds the communications capabilities required to enable users to stay connected via their deskphone extension – anywhere at anytime.



DiVitas Mobile UC is the obvious choice for any organization wishing to solve mobile communication challenges because it provides unbounded access to key employees in a way that is natural for them – their mobile phone. Equally important, DiVitas Mobile UC provides IT with the necessary control and management capabilities to maintain the solution across large geographically dispersed organizations. These critical systems administration capabilities are not typically not available with competitive mobile communication products.

KEY BENEFITS

Increase CONTINUITY and employee accessibility, productivity and responsiveness

Continuous access to business communication applications on a single device - over any mobile network. Deskphone, contacts, IM, presence and Status are now available on a single handset.

Deploy the technology of your CHOICE to lower solution complexity and cost

Developed as a true open architecture, DiVitas Mobile UC has been designed to leverage existing telephony infrastructure, such as PBXs and mobile networks, within an organization. Additionally the solution operates on a wide variety of smartphones offered by various manufacturers and interoperates with the many carriers world-wide.

Extend PBX CONTROL and improve the security of mobile communications

DiVitas increases enterprise control over business applications that have been mobilized. Now enterprises can rely on the same level of control over mobile communications as they have for desk-based applications today.

Reduce cellular COST through Environment Aware Roaming™ and Transparent Callback™

DiVitas intelligently roams from cellular to WiFi wherever voice quality WiFi support is available—automatically, without interrupting the call. In areas where incoming calls cost less than outgoing calls, DiVitas Transparent Callback significantly reduces cellular expenses. Calls are routed from the caller's handset through the DiVitas Server and seamlessly transferred back as inbound calls, reducing cost without interrupting service.

Minimize COMPLEXITY by reducing the need for multiple devices and servers

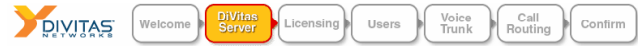
Combining multiple servers (i.e. IM, security, presence, mobility) and devices (i.e. walkie talkie, mobile voice, deskphone) onto a single client and a single server simplifies business communication and reduces communication costs.

ENTERPRISE-CLASS MANAGEMENT AND CONTROL

The DiVitas Mobile UC solution takes a holistic approach to solving the issues associated with enterprise level mobility. While it is good to offer a robust and easy to use feature set, it is critical to provide a breadth of tools that enables IT to manage and support corporate-wide mobility. When combined with the DiVitas Client and Server capabilities, the DiVitas management and control features provide a total solution that places it well above other Mobile UC solutions.

WEB-BASED GRAPHICAL WIZARD

DiVitas provides a web-based wizard that allows support from a secure portal (local or remote) for installing and managing the DiVitas system. Provisioning, monitoring and trouble shooting the DiVitas Server can be accomplished locally or remotely through this wizard, providing IT increased flexibility when maintaining the system.



Server Configuration

*** Required Fields**

IP Address: 172.18.8.120
 Subnet mask: 255.255.252.0
 IP Gateway: 172.18.8.1
 External IP Address: 0.0.0.0
 Primary DNS: 4.1.1.1
 Secondary DNS: 4.2.2.2

Admin Login
 New Password:
 Re-enter Password:
 Timezone: US/Pacific

Today's Date
 Year: 2008
 Month: March
 Day: 20
 Time: 11:36

SMTP Configuration
 SMTP Server Address:
 Admin Email Address:
 User Name:
 SMTP Key:

NTP Servers
 NTP Peer1:
 NTP Peer2:

Buttons: Quit, Next

Over-the-Air Provisioning - DiVitas automatically provisions the client software at the time a user registers his/her handset for the first time. Once the client software has been provisioned, future powering up of the handset will signal the DiVitas Server to automatically load any updates. In addition to provisioning the handset over the air, DiVitas automatically provisions the organization's WiFi profile saving IT the task of manually loading this information on each client handset. Because DiVitas is a mobility solution, it is imperative to offer a way to install and support handsets that does not require in-person processes.

COMPLETE CALL REPORTING AND ACTIVE CALL MONITORING

Reporting - DiVitas offers Call Detail Record (CDR) and Mobile Detail Record (MDR) reporting capabilities. IT can now effectively manage telephony resources similar to the way they have historically managed their PBX usage.

Number of calls : 714

	Calldate	Channel	Source	Clid	Dst	Disposition	Duration
1.	2007-05-22 14:29:31	SIP/1002-b...	1002	"Sample Username" <1002>	4085554084	NO ANSWER	00:12
2.	2007-05-22 14:29:26	SIP/1003-b...	1003	"Sales Person" <1003>	6505559548	ANSWERED	00:52
3.	2007-05-22 14:29:04	SIP/1002-b...	1002	"Sample Username" <1002>	4085554084	NO ANSWER	00:25
4.	2007-05-22 14:28:37	SIP/1002-b...	1002	"Sample Username" <1002>	4085554084	NO ANSWER	00:25
5.	2007-05-22 14:28:10	SIP/1002-b...	1002	"Sample Username" <1002>	4085554084	NO ANSWER	00:25
6.	2007-05-22 14:27:43	SIP/1002-b...	1002	"Sample Username" <1002>	4085554084	NO ANSWER	00:25
7.	2007-05-22 14:22:36	SIP/1002-b...	1002	"Sample Username" <1002>	1003	ANSWERED	07:07
8.	2007-05-22 14:06:53	SIP/1003-b...	1003	"Sales Person" <1003>	5512	ANSWERED	00:05
9.	2007-05-22 14:06:28	SIP/1003-b...	1003	"Sales Person" <1003>	5555	ANSWERED	00:05
10.	2007-05-22 14:05:55	SIP/1003-b...	1003	"Sales Person" <1003>	5512	ANSWERED	00:05
11.	2007-05-22 14:05:27	SIP/1002-b...	1002	"Sample Username" <1002>	5512	ANSWERED	00:04
12.	2007-05-22 14:05:16	SIP/1002-b...	1002	"Sample Username" <1002>	5512	ANSWERED	00:05
13.	2007-05-21 18:55:18	SIP/1111-0...	1111	"Cisco 1111" <1111>	3002	ANSWERED	00:12
14.	2007-05-21 18:54:53	SIP/1111-0...	1111	"Cisco 1111" <1111>	3003	ANSWERED	00:03
15.	2007-05-21 18:53:23	SIP/3002-0...	3002	"User 3002" <3002>	1111	ANSWERED	00:04
16.	2007-05-21 18:53:18	SIP/1111-0...	1111	"Cisco 1111" <1111>	3001	ANSWERED	00:10
17.	2007-05-21 18:52:50	SIP/3002-0...	3002	"User 3002" <3002>	1111	ANSWERED	00:07

Monitoring - DiVitas allows system administrators to monitor current call activity in real-time. Detailed information on active users, active calls, RTP call legs and active call legs can be observed and reported on at any time.

Active Calls Summary

Call Ref	Action	User	Type	Index	From	To	Call State	Hold State	Handoff State	Toggle State	Network	Paired Call Ref
55	Delete	8769	Outgoing	4	8769	8770	CALL_CONNECTED	NO	NONE	IDLE	Wifi	56
56	Delete	8770	Incoming	1	8769	8770	CALL_CONNECTED	NO	NONE	IDLE	Wifi	55

Call Details: Call Ref 55

Attribute	Value
Call Ref	55
Type	Outgoing
Index	4
From	8769
To	8770
State	CALL_CONNECTED
Last State	CALL_PROCEEDING
Event	NONE
Last Event	NONE
On Hold	NO
Handoff State	NONE
Toggle State	IDLE
Transfer State	NULL
Paired Call Ref	56

Group Bulk Loading – When configuring the system, DiVitas supports configuring and managing users and handsets by logical groups. To save time, the system allows for bulk loading this information from an external file into their respective groups for further specification setting.

Downloadable Client Files – Typically, user log files are kept on the mobile device. With DiVitas, users can now make the decision to store their user log files on the DiVitas Server. This frees up space on the DiVitas Client and provides a centralized tool for a system administrator to utilize when a client problem has occurred.

Security – Security is imposed through strong device & user authentication and authorization mechanisms over encrypted transport. Additionally, support is provided for NAT and firewall traversal. DiVitas security allows the Mobile UC solution to integrate into an enterprise’s existing network to leverage security policies already in place -- without any modification.

Emergency (911) support – In emergencies, location information is a key aspect of any 911 call. To ensure accurate location, all 911 calls are made over the mobile network regardless of WiFi coverage.

ON-DEMAND DEBUGGING

In addition to debugging downloadable client files, DiVitas provides system administrators with the ability to perform on-line debugging of the entire system or for any user at any time. Administrators have the option to watch call progress as it takes place through a real-time window into the system.



– Debug Utility

➔ On Demand Debug Utility

Timestamp	Type	Module	Device	User	Message
2008-01-26 20:15:07.079Z	Info	MMAD	353261011602076	4002	Outgoing call from 4002 to 4001
2008-01-26 20:15:07.080Z	Info	MMAD	353261011602076	4002	Outgoing call from user 4002 - using cellular network
2008-01-26 20:15:07Z	Info	PBX		4002	user 4002 has dialed 6502248319
2008-01-26 20:15:07Z	Info	PBX		4002	call from user 4002 is routed to mx-t1-pri/16502248319
2008-01-26 20:15:16Z	Info	PBX		4002	user mx-t1-pri/16502248319 is ringing
2008-01-26 20:15:37Z	Info	PBX		4002	user 4002 has cancelled call to 6502248319

SCHEDULED SERVER BACKUP

DiVitas offers system administrators the ability to schedule backups of the server. Information such as system configuration, voicemail, system logs and any core files (such as debug files) are backed up to a predefined location on a schedule established by IT.

Add Scheduled Backup

Type

Admin State

Frequency

Time :

If frequency is configured to once - please select the date to schedule the event.

Date - -

If frequency is configured to weekly, please select the day of the week to run the event.

Day of the Week

If frequency is configured to monthly, please select the day of the month to run the event.

Day of the Month

The following section is used to configure the automatic archiving.
To disable automatic archiving, select Local for the Backup Destination.

Backup Destination

Remote Server

Enter the IP address of the remote FTP server.

Remote Directory

Remote User Name

Remote Password

SUPPORTED DEPLOYMENT CONFIGURATIONS

When it comes to deployment, organizations have specific and unique requirements. To provide the utmost in flexibility, DiVitas offers three methods for deployment:

All Mobile Office - DiVitas offers an integrated configuration that incorporates a complete PBX voice solution as well as IM, Presence, Contacts, and PTT. The All Mobile Office configuration offers a wide range of PBX functionality including voicemail, auto-attendant, after hours numbers, hunt groups and Interactive Voice Response (IVR). The All Mobile Office offers a wizard-based DiVitas Server setup and over the air DiVitas Client configuration for rapidly rolling the solution out to an entire organization.

Integrated into an existing PBX environment - When integrated with a PBX, all calls that are sent to and received from a DiVitas Client adhere to the policies and rules that have been established within the PBX. Utilizing an organization's existing PBX engine protects its investment in valuable and costly infrastructure -- and allows IT control over mobile phone usage equal to deskphone usage.

Hosted - For service providers and large organizations where hosting the mobility solution in a single location is the right deployment option, DiVitas is the natural choice. Because it is a fully distributed mobility solution, DiVitas Servers can exist anywhere and still provide full support for all DiVitas Clients. The DiVitas system administration tools allow IT to provide remote support - no matter where the DiVitas Clients are located.

SUPPORTED DEVICES AND SYSTEMS

The DiVitas Server is designed to meet the mobile communication needs of the enterprise market.

Supported Handsets

DiVitas supports a broad set of dual-mode handsets in the market. For the most up-to-date list, please visit www.divitas.com.

Supported PBX Systems

The DiVitas solution provides the most extensive PBX integration options in the market:

Alcatel	Mitel
Asterisk	Nortel
Avaya	Samsung
Cisco UCM	Siemens
Cisco CUE	ShoreTel
Epygi	Zultys

TDM Gateway Solutions

Legacy PBX systems are supported through TDM gateway solutions:

AudioCodes
Mediatix
Quintum Technologies

Supported WLAN Vendors

Certified with major WLAN products:

Aruba Networks
Cisco Systems
Extreme Networks
Meru Networks
Motorola, Inc. (Symbol Technologies)
Trapeze Networks
Xirrus

Supported IP Desk sets

DiVitas has certified the following popular IP-deskphones:

Avaya
Grandstream
Polycom
Cisco

USA (HQ)

321 Castro St.
Mountain View, CA 94041
+1 (650) 625-1900/office
+1 (650) 625-1177/fax
www.divitas.com



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