



XGENE Most Advanced Enterprise E-mail

### Introduction

**XgenPlus** is powerful communication tool, which can evolve with your requirements. At basic level XgenPlus may be seen as an email server. However you may think about it like your most favorite email server but with very advance features. In addition to email and calendar, it provides document storage and viewing, instant messaging, and simplified administrative controls all in an award winning and patented webmail user interface built with the latest AJAX web technology. XgenPlus also provides high level of security to ensure your emails are sent and stored away from spying eyes.

To put E-Mails a fast-paced conduct for users to practice; Our Team integrated features that offers complete control over the email communication and response management system, *XGenPlus* is a total e-mail management and relationship solution that has been designed especially to cater to the needs of the organization, whether you are a SME, Email Service Provider or Large business house, PSU or Govt. department. *XGenPlus* adds new dimensions to internal communication and brings a whole new meaning to responding to customers / colleagues by sharing of information and pooling resources.

### **Purpose**

XgenPlus has been designed to make email usage pleasant and yet have robust business outlook. It is also designed to make a customer central to it. It has everything that a user has been using in an email while it adds extreme value by its advanced features to radically enhance the user's productivity, saves time without compromising the security and privacy. XGenPlus's remarkable features like Rights Management, Virtual Storage, Chat, Secure folders, Group Email, Picture Gallery, Digital Signature, Scheduling tasks and Reminders, Sending SMS and FAX through mail etc. XgenPlus is a product of research and challenge and it contains every feature that one had wished for in their email.

XgenPlus not only offers the ready to use advanced features but also provides the flexibility to built new features quickly as per the organization needs and integrate with them seamlessly.







Almost Every organization has access to basic email or a standard email server, but fewer have shared calendars, Contacts, Emails, Group Email and SMS etc. That's a serious loss of potential productivity- and often legacy platforms contribute to this imbalance by presenting complexity and financial obstacles relegating most organizations to limited functionality.

Next-generation email and collaboration platforms like XgenPlus offer solutions to these and many other common pain points by providing innovative features for end-users and IT administrators at lower total cost-of-ownership (TCO).

## **Product Technology Prospective**



- It is a Java based program and provides a web based graphical user and admin interface with CLI. It will run only on Internet Explorer 8.0 or above, and compatible with **Google Chrome**, **Safari and Firefox**.
- Its supports all popular email clients like Outlook, Windows Mail, Thunderbird and compatibility with all kind of mobile devices along with IMAP Push.
- The XGenPlus optionally provides FAX and SMS gateway integrated with it. Latest web 2.0 technologies are used to built the entire architecture i.e AJAX,J2EE.
- It uses latest Database (postgresql) as message store enabling all the power of database engine to be used. Replication, High Availability and Load Balancing are some of the features available and used as per the organization scenario.
- It has integrated HTTP, POP3, IMAP4, SMTP, XMPP, iTip, SMPP protocol support along with API to access through SOAP.
- It has integrated PGP Engine integrated in Webmail to offer public private key management to offer Signing and Encryption of emails.



### **Expected End-User Experience**

Delivering a powerful and more flexible web-based experience is a major component of the XgenPlus server. Traditionally, email has been largely a client-focused experience on a single desktop (which is fine for some users) but can limit productivity (fewer features, no anywhere access, not cross-platform). Our AJAX web experience liberates end-users by providing the best of both worlds (looks like a client but works on the web). Our unique Mobile App for IOS and Android extends the access to powerful unique features on the go and also reduces the complexity of configuration.



Work Anywhere: AJAX WEB EXPERIENCE WORKS ON ANY COMPUTER;
EMAIL AND FILES TRAVEL WITH YOU



Be more efficient: LARGE INBOXES ARE EASY TO MANAGE WITH FOLDERS, SHORTCUTS, CONVERSATION (INTERACTION) VIEWS, AND THE ADVANCE SEARCH



It's all-in-one: EMAIL, CALENDAR, DOCUMENTS STORAGE, CONTACTS

AND INSTANT MESSAGING ARE INTEGRATED.



Your client, your choice: SYNCS WITH OUTLOOK, THUNDERBIRD AND ANY OTHER STANDARDS BASED CLIENTS THAT SUPPORT POP/IMAP.





**Expected Administrators Ease of Management and Maintenance:** 

XgenPlus provides administrators ease-of-maintenance plus maximum configuration flexibility to reduce total cost-of-ownership. Web based AJAX Admin Console simplifies end-to-end user/domain management and delegate domain or accounting specific tasks to separate admin roles.



#### RELIABLE

Migration Options, clustering, full backup and restore, extensive command line interface (CLI) for Logs and AJAX enabled Admin Console give more security and span-of-control.



#### COST EFFECTIVE

Web scalability, hierarchical storage management, and single attachment store make for economical deployment.



### OPEN AND EXTENSIBLE

APIs to access XgenPlus Functionality and integrate with other enterprise applications via SOAP; standards-based data formats and message storage mean no lock-in.



# WORKS WITH EXISTING INFRASTRUCTURE

Integrates with existing Email Clients, ERPs and available for split deployments or active users migrations as you go.



#### CHOOSE ON-SITE OR HOSTED DEPLOYMENT

XgenPlus has rebranding support and flexible class-of-functionality. It can be run on-premises or hosted (we have hosted email partners who can manage your deployment).



# **Quick Reference Guide to some of the Specific Section / Features**

Features	Page	Feature	Page
Space / Login / Calendar / Scheduling / Reminders and Clock Information.	6	Instant Messaging / Chat to communicate with organization users and with Gmail and other email user.	11
Folders / Personal Folders / Virtual Storage and Pre- Defined Categories of Emails.	6	Recipient of your email can be controlled, if he can Delete/Reply/Forward or print your sent email using RIGHTS Management.	12
Download All Attachment and View all Images in One Click.	8	Set Rules to auto block or move to folder, Advance Forwarding, Block Email Address and Domains etc.	13
Anti Phishing, Anti Spam and Anti Virus.	8, 13	Personalize your Sender Name, Mail List View, Color Theme, Signature, Vacation Reply etc.	13
Search Emails with From, To, Size, Attachment Name, Type and text in Attachment with Data range parameters.	11	Encryption and Signing using PGP. A public-private key cryptography system offer secured transmission and storage on server.	14
Compose Email/SMS or Group Email (personalized) with Schedule Delivery for future date, Signing, Encryption, Delivery report, Read Receipt, Auto save, vCard and Multiple Files attachment capability.	11	Add Signature, CompanySignature: Here the user can add his signature and some image or company logo along with the mails. logo, Vacation Reply and Change Password.	14
Contacts, Group Contacts, Address Validation, Public Key Integration, Import and Export Facility	13	Calendar and meeting management along with sharing of calendar integrated with SMS so that meeting reminders may be sent via SMS along with Email and Popup. Get response of attendee whether he will be able to attend the meeting or not along with following more features.	15





**Webmail Interface Features:** 

**Home:** Home page is the page where you may start. We recommend that you spend moment on the home since it gives you vital information at a glance.

- **Space Information**: Gives information of:
  - Allotted Space Capacity
  - Space Utilized
  - Remaining Space including Trash
  - And a graphical display of space utilization in percentage
- Login Information: Gives information of:
  - Last log in IP
  - Last log in Date
  - Current IP Address
  - Last Unsuccessful Login IP and Last 10 login IP details.
- Reset: It resets last unsuccessful Login IP and Last 10 login IP details.
- Scheduling Reminders: The user can set reminders as Popup, SMS or Mail which will help in reminding some important tasks. The reminders can be sent on a particular date and time.
- 2. Calendar: A utility calendar is displayed which shows past and future dates. The current date is shown as bold format. When the user clicks on any date then all the reminders which have been scheduled for that particular date will be displayed. When the user clicks on any date and then on add task button, he can schedule the reminder for that date.
- 3. **System Messages**: The System Administrator can set any kind of messages or alerts if he wants to convey some message to all the users of a Domain or a particular user of the domain.
- 4. Account Status: Show status information of different folders.



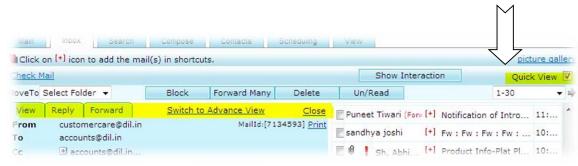
/

- 5. Folders: There are varied kind of folders, namely
  - a. A Inbox Default folder for receiving emails.
  - b. Sent- Default folder for saving sent emails.
  - c. Drafts— Auto saves the emails during compose/reply/fwd every minute.
  - d. Trash– Default trash can folder to move email when emails deleted.
  - e. Personal Folders- All personal folders created by the user. The user can enjoy the facility to create unlimited folders along with sub folder in each folder.
  - f. Secure folder: Secured folder is protected by additional password and is storing very sensitive correspondence. The user can store his confidential mails in this folder. The folder is accessed by a secure password.
  - g. Virtual Storage: It stores bulky files, which could be difficult for the sender to transport by e-mail or for receiver to receive them in their limited storage in inbox and in this case the receiver will receive only the link of the file instead of the whole file and hence the inbox will not be overloaded.



a) Mail list view page also offers Quick View for going through the emails in a quickest possible manner. Just take your mouse over any email and you will be given shown the emails with an option to reply/fwd with attachment or without.









Download All attachments with single click.

b) While you receive an email with multiple attachments, you need not to click on each attachment to download the file, just click on <u>Download All Files option</u> and all the files will be compressed and converted into a zip file and save as option will be shown directly. Which will not only help you to reduce your total download time for the multiple attachments but also saves precious internet bandwidth?

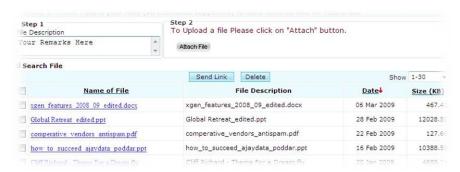


# c) ( View All attached images at once

If you receive multiple images in your email, you need not to download all the images one by one and than open to view them. The smart XGEN viewer has been embedded which can be activated on click on <a href="View All Images">View All Images</a>. As soon as you click on View All Images, a <a href="picture album">picture album</a> screen is shown will all the images view directly. This eliminates the need of downloading the images and from them you are also given an option to share that album with anybody you like without sending the images as attachments to you.

Note: While you are viewing the images in the XGEN, they are compressed to show you preview quickly, if you want to have a original copy of the images, you may download than on your pc

- d) **Anti Phishing:** Xgen automatically detects the phishing links clicked by you while viewing an email. Xgen will warn automatically and notify the user about it.
- e) **Anti Virus:** Xgen automatically cleans all the attachment received or sent from the known viruses and notifies the user accordingly.
- f) **Virtual Storage** can be used to gain access to the stored files from any location for reference or use. The user can upload as many files as his mailbox size permits.





Sent
Draft

Trash

Secure

Storage

hare with all users

SMS

X Antispam

X Acct

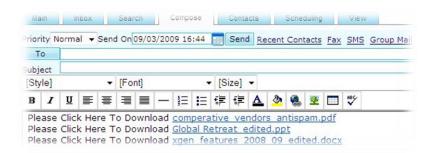
X Interne

llow "Delete" permission for mails

llow "Reply" permission for mails

# Features Description of XgenPlus - Most Advanced Enterprise E-mail www.XGENplus.com

When clicked on Send link page, a compose page gets created automatically and secured link to the file gets added into the email. Now the email is ready to be sent.



# 6. Share Folders:

IF you click on Folders button on top, you will find the following features.
 Sharing of folder: Click on the symbol, you will be given the option to share the specific folder with specific user or all the users on that domain.

You can find out total space consumed by that folder out of your entire space allocated.

 You can find out how much virtual storage and contracts have consumed the space.

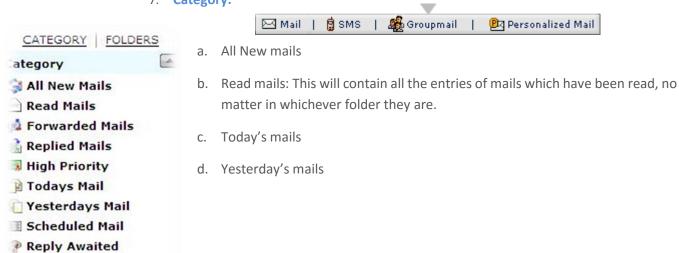
 You can unshare the folder of your choice if you don't want it to be listed in your folders list.

 You can delete the folders or create new folders of your choice.

### 7. Category:

nail Account (eg: admin@xgenplus.com) of this mail service

Share with user





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- e. Replied: It lists all those mails which have been received as a reply
- f. Forwarded: It lists all those mails which have been received as forwards
- g. High Priority It lists all those mails which have been received as high priority
- h. Attachment It lists all those mails which have been received with one or more attachments
- i. Scheduled: It lists all those mails which have been scheduled to be sent on later dates.
- j. Reply Awaited: It lists all those mails for which mails have been sent and the receiver has to reply back.
- k. SMS: All SMS sent from the XGEN interface.
- I. FAX: All FAX sent from the XGEN interface.
- m. Quarantine: If user has set the emails to move the unknown senders email in quarantine.
- n. Picture Gallery: A picture album will be shown, which is created automatically out of the images received in your emails. The pictures are automatically grouped by sender id and date.

#### **General Constraints-**

Users are expected to have a general familiarity with web browsers and Internet.



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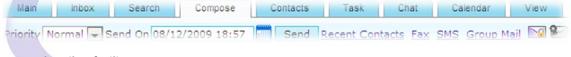
- 8. **Instant Messaging / Chat :** Users are automatically allowed to chat with organization users while they are online. With integration of XMPP Protocol, now users can communication with Gmail and other email users supporting XMPP Protocol..
- 9. Search: Prevailing search option gives the power to amplify the search. One can:
  - a. Look in All folders / Shared Folders or specify any particular folder.
  - b. Find messages even by :-



- Allywhere (ally folder)
- Attachment Name search on the basis of attached file name in email.
   Attachment Type search on the basis of document type attached in
- Attachment Type search on the basis of document type attached in email.
- Email Size search on the basis of email size.
- Email ID Just put the unique number of the email and search.
- Search within Attachments Xgen can search keywords within documents attached into emails.
- Search with TAG / Color

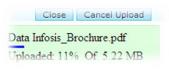
The user can also restrict his search according to date range.

10. **COMPOSE:** The Compose page provides three different facilities:-



#### Send Mail: It facilitates one to:

- Send mails.
- Design a desired format by using rich text/HTML with emotions.
- Mail can be sent to multiple recipients, by inserting commas.
- Send email to Groups with individual id.
- Composed mail can be sent to more than one person either by carbon copy "Cc" or by blind carbon copy "Bcc".
- Quick address book for easy loading.
- Add/Delete the attachments. Now it supports multiple files attachments with progress indicator, virus scanning and option to cancel the attachment in between the progress. On click on



attached file, option to download again or remove option.



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- Save a copy of composed mail as draft,
- Send the same mail on different dates by scheduling them up to 9 reminders. etc.
- If you incidentally forgot to attach the file and based on the content Xgen is capable to predict the missing attachment and will show you alert.

robably you war	ited to at	tach a file	e, but for	rgo
Want to Attach		No, Send	d Email	

**Rights** Management: If you see the 'Rights' button on Compose page, it means you are allowed to use right management by the administrator.

While user is sending an email to any of his colleague in the organization, he can define the rights whether, recipient can Delete/Fwd/Reply or print this email or not. Off course from the sent email, you may reset those rights at later stage too.

**Send SMS**: User can send SMS to any mobile in India. It has following features:

- Messages up to 120 characters can be sent.
- Schedule the delivery of SMS message for future date/time delivery.
- Save a copy to Sent folder of the email a/c.
- Rule based SMS alert to alert the user if specific email reaches to inbox.
- Quota setting capability for each user / domain for number of sms.
- SMS quota limit used alert setting facility to user.
- Task scheduler alert via SMS.
- SMS folder to see all SMS sent by the user.

Note: SMS/FAX Options is visible to user only if its allowed by Domain Administrator and compatible SMS/FAX gateway has been integrated.







11. CONTACTS: The Contacts page is segregated into two parts:-



- a. **Add Groups**: The user can create unlimited groups and then add different contacts to each group. There is one default group known as the General Group.
- b. Add Contacts: Used to add the e-mail addresses and other details of the user's friends. The user can save various contacts to the groups. With the "Move To" or "Copy To" option, the user can move/copy one or more contacts to different groups. The user can edit the contact by clicking the link of the e-mail address.
  - c. Validate Email Address: User can click on the '
    ' symbol to validate each email id available in that group. XgenPlus contacts the respective email server instantly and verifies whether the email server is receiving the emails for that particular contact and shows the response given by that server.
- 12. FILTERS: The Filters page comprises of two parts:
  - a. **Block**: The user can block any E-mail address or the whole of domain in order to stop incoming mails from a particular e-mail address or domain.
  - b. Rules: The user has the privilege to set some actions according to his choice for incoming mails. The user can set up to 20 rules and can send the mails directly to any folder when mail is from specified person or message contains specified word in to, cc, bcc, and subject or body text.
  - c. Advanced Forwarding: You can set auto forward rules to move the emails to other account with an option to store in your account or not. You have an option to even change the from id for the next recipient so that he can see the email as per your choice.



13. SETTINGS: The Settings page is segregated into following parts:-





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- Personal Details: Gives the option to set or update personal details of the user like Name and Date of birth.
- b. **Default Settings**: These are values set by default by domain admin but may be changed by user as per his choice. The setting includes are a). Default folder to save sent email b) Auto search on the basis of First name, last name, email etc c) No of emails per page to be displayed d) display name to be added with email address in users from id etc.
- c. Addresses: In the addresses section the user can save or update personal details of home and office.
- d. **Signature**: Here the user can add his signature and some image or company logo along with the mails.
- e. Change Password: The user can change the password of the following-
  - E-Mail Account
  - Secure folder
- f. **Encryption** / **PGP** Pretty Good Privacy. A public-private key cryptography system used here to easily integrate the use of encryption in users tasks, such as electronic mail protection and authentication, and protecting files stored on a email server.



User is allowed to create his key pair through Generate option and by putting his passphrase. A key pair is generated and public key of the user is made available to the entire email user base of the organization and instantly after creation of the key pair and all the users in the organization are enabled to send encrypted email to the user. This ensure that after pressing Send , the email is stored in encrypted format in his sent folder and recipients inbox hence not readable humanly or by any other mean without using the private key and passphrase.

User can also now digitally sign all emails and ensure that emails are not modified/altered on the way after sending it up to the destination and verifiable by the recipient.





XGENE Most Advanced Enterprise E-mail

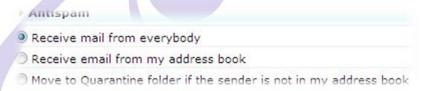
Warning: User must remember his passphrase and keep private key safe, without this user will not be able to decrypt the encrypted emails received/sent by him. User should not share the passphrase with anybody, and should always remember it or keep it at safe place.

	Ũ <u>To</u>	Subject	Date
🎱 🧣 ajay		[+] This is encrypted and digitally singed email	01:39 pm

Indicators: Mails in inbox/sent are properly marked as encrypted (lock) and signed (ribbon) as shown in above image.

**Note:** Xgen does not store users passphrase anywhere and hence our support system can't give it back to you. If you forget the key, all the emails encrypted using the matching key will not readable by any means and you will have to generate the new key for yourself.

g. **Antispam**: User can set his antispam rules on the basis of the address book and use the features to block email if the email is coming from unknown person etc.



- h. Vacation Reply: User can set auto reply message within a date range and a message in HTML Format. After setting, all the emails received, will be automatically replied via auto reply message set by the user.
- 14. Calendar and Meetings: Xgen Offers full fledged Calendar functionality with appointment and meeting management along with sharing of calendar. It also integrates SMS so that meeting reminders may be sent via SMS along with Email and Popup. It has iTip protocol integration and able to get response of attendee whether he will be able to attend the meeting or not along with following more features.





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- **a.** Sharing of Calendar with users across the organization.
- **b.** Recurring Events up to number of years.
- **c.** Resource allocation and booking. (projector/car and conference room)
- d. Resource Manager Configuration
- **e.** Send Meeting Invitation to people via email and save invite in Sent folder automatically.
- f. Notify Attendees via SMS (optional)

### "New Arrival"

## **Merge Feature**

Its nearly impossible to move emails from one account to another email account in traditional email servers, however XgenPlus empowers administrators to merge two email accounts or selected folders of email accounts. Administrator just need to select the Source Email Account along with Folders and select Target Email account and all the emails will be MOVED from source email account to target email account. Now if an employee leaves or project responsibility shifts or access of particular emails needs to be given to someone, entire communication can be given to another person within few clicks.

### Retrieve Email even After deleted:

Now email user can retrieve email back even after deleted it from email account. Whether email is deleted accidentally or by choice, however administrator can provide you power to retrieve back the email. The time limit is set under retention policy by administrator which can go upto few years.

Organizations now can ensure no loss of email and retain every kind of email for as long as organization wants. Depending upon the requirement and policy of the organization, XgenPlus can ensure that no email is permanently lost and can be made available as and when required. To a large extent, this also eliminates the need of archiving and backup of the email box.



## **Five Important features for Government Use:**

### 1. Country Specific Access Control:

This feature facilitate admin to decide which domain will be able to login in which specific countries only. This feature gives platform to admin to allow specific domain to some specific countries only. Now this domain can be logged in with those allowed countries only.

Suppose Admin have set xyz.com domain can be logged in within 5 countries only: 1) India, 2) America, 3) Australia, 4) China, 5) Japan. Now if user logged in xyz.com associate emails out of these 5 countries then he will not be able to do that.

Here admin can set user level country permission also. Suppose xyz.com domain is allowed within 5 country, but admin want that specific user "A" should access this from India only, then he will not be able to login out of India.

So with this feature we have set 2 levels of permissions for this feature. 1) Domain level, 2) User level

## 2. Devise Specific Access Control:

This feature of restricted email access will allow admin to decide which devise will get some specific features. For this admin follow some steps.

### Steps:

We are providing guidelines for accessing this feature through admin panel & how to operate it.

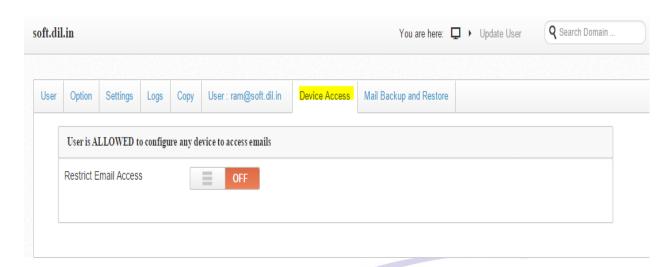
1) After login in admin panel. Admin needs to select domain name (for example soft.dil.in which we have taken for testing).

Now here admin need to select Manage User. On selection, admin will get

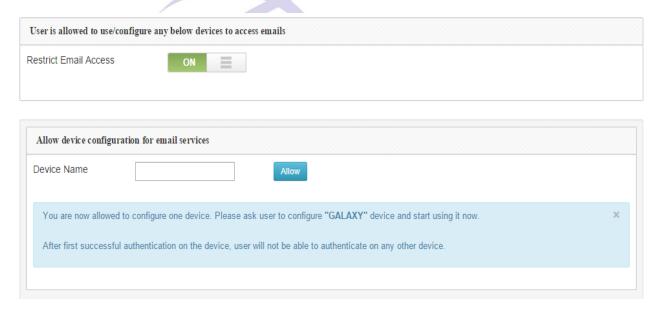
Now here admin need to select Manage User. On selection, admin will get list of user along with search bar. Where they can search user by submit name. For this particular user admin will get a new tab, named as "**Device Access**". For providing permission to access of restricted email over specific device admin will provide permission through this. SO first they will get screen with option ON/OFF when they select Device Access tab.



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2) Once admin will turn it ON, then it will get more options that need to fill.



3) So once admin allow access for restricted email then a new field display where admin need to add device name. Once they will add device name, it will be listed in allowed device list. (as display in screen shot)







Allow device configuration for email services				
Device Name	iPhone 5s	Allow		
	Ü	e ask user to configure "IPHONE 5S" device and start using it now. ser will not be able to authenticate on any other device.	×	

This new device will be listed in list of allowed devices.

Device Name	Access Type	Created Date	Last Access Date	Last Access Ip	Device Info	Active	Action
♀ IPHONE 5S		07-Jul-15 12:44				Υ	0
♀ GALAXY		07-Jul-15 12:26				Υ	0
grand2		02-May-15 13:07	18-May-15 22:10		grand2	Υ	0

Here with this field some instructions will be available. Now after allow particular device, this authentication process will work internally. A new password will generate for this specific device and it will save in database.

User will do login with their previous details, now a webservice will be called and it will check whether this device have permission for access restricted email or not. If yes then it will check for new password saved in database for it & will authenticate through this new password. This complete new authentication process will work internally. User will not get any detail about it.

### 3. Broadcast Capability:

This feature facilitates an authorized user to send email broadcast to all users of a domain. So all those users that are associated with same domain name, they will receive broadcasted email message. Sender need not add emails ID's separately or any csv file upload for email. An authorized sender (which can be any email id) can send an email to broadcast@domainname, which will be





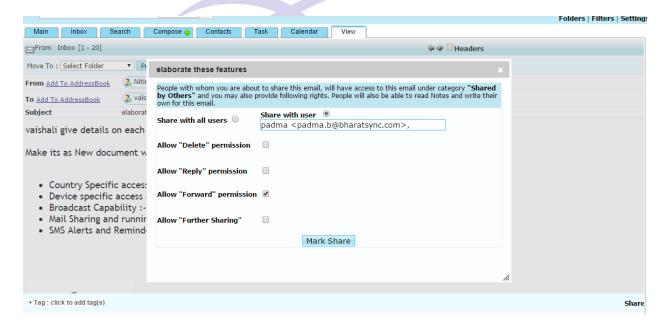
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instantly visible to all users of that particular domain. The broadcast ID must not be given as general email account to any user.

So with this complete process broadcasting become so easy with Xgen plus Broadcast feature. It saves time and efforts to send broadcasting mails without any csv upload of emails ID's. User just need to hit a single button and broadcasting will be done. It not only saves lots of storage and processing of server but also saves lots of effort to build list and keep them updated. These broadcast emails never bounce and with zero return emails.

### 4. Mail Sharing & Running a note sheet on it:

This will provide platform to users to share their mail with other users. Then need not to forward it. Users will just click over the option share, then they will get a window in which they will get some options.



Either user can select option "Share with all users (mail will be shared with all contacts in account)" or "Share with user (mail will be shared with one specific user)".

Here user can set permissions as well with this email sharing, that this specific user can Delete/Reply, Forward/Further sharing that mail or not.

So this feature provide complete protected environment to user through which they can have control of their email in another user's inbox as well.



With this share option there will be a notebook option as well. Through which users can write some notes about that email and further users can reply over

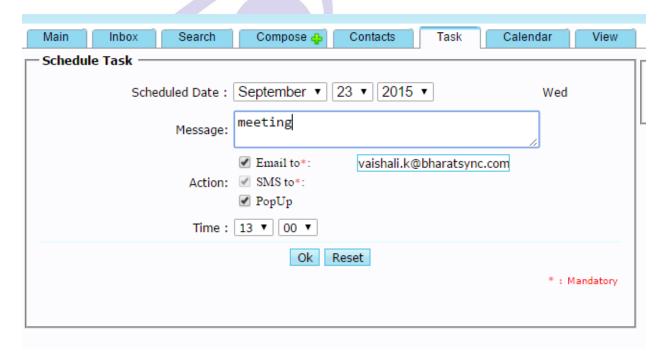
### 5. SMS Alerts & Reminders

The user can set reminders as Popup, SMS or Mail which will help in reminding some important tasks. The reminders can be sent on a particular date and time. So for specific occasion or specific task there can be set reminders & SMS alerts. So user will receive that on appropriate date & time.

These reminders can set for meetings, tasks, send emails etc. Suppose a user want to send same email on multiple dates. Then he can set a reminder and user can set up to 9 reminders for same mail. Reminders will popup over the user's screen.

User can set SMS alerts as well. So they will receive SMS from the system for specific day, meeting, task etc.

This functionality helps a lot to schedule emails and system messages.



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that as well.



# **Latest Security Feature**

### **Restricted Email Access (REA)**

In today's era user have access of number of devises. For official use they have their separate email account to manage all the official enquiries and other things. In any company they generally have lot of confidential stuff, like documents, finance details etc. If there will not be taken care of their confidentiality then their data might leak and that will cause a big issue for them.

When employer configure their official email ID then generally employees can access that email ID from any machine like through their mobile, Tablet, desktop, laptop at different locations. So there is no security of official data.

To secure this official data we are scoping this new feature in which admin can restrict user email ID over some specific machines only. Employee can access their official email ID over that system only on which Email admin have configure their email account. Employee cannot configure their official email ID over any other devise. They need to have a configuration password which will be one time use only. This password will not be share with employees. Only Email admin will use it to configure their account.

So with this feature security of data will not be compromised.

## Features developed on customer's Feedback

### Scheduler

Xgen Plus has announced a new tool called 'Scheduler' that is designed to help Email users create their daily task/meeting reminder list. 'Scheduler' sits in the same kind of Window as emails, so is accessible while users read email, use the search function or do other tasks.

To add Schedule or Reminder, click the Scheduler and your task and choose the medium through which you needs the alert from EMAIL, SMS or PUPUP.

Share Scheduled Task: If you click on the Mail Icon on the right side of the task, the task will automatically get converted into ICS format and get added as attachment in email. You can send the email to anybody. IF the recipient is using XGEN, Outlook, Thunderbird or any email client which supports task / scheduler, it will be added into that automatically.

#### Recall Mail

If you just realized that you sent an email without attachment or to a wrong person in the organization or missed some content to write into that email. Just relax, now you can recall this message back. This features works on the email sent to the users on the same server (multiple domains supported), and emails may be recalled till the recipient has not read it. Just go to Sent folder, open the email u want to recall, and click on Recall Mail option.





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#### Advance Search

Now you can search an email on the basis of its size, attachment name and attachment type. Just go to Advance Search option and use the option in drop down list of WHERE search criteria.

#### Quick Reply and Fwd

Enable the Right Click Menu from the settings page and when you login next time, you will be able to have a menu on the press of Right click on any email on Email List page and do Quick and Fwd action as you desire. Very cool way to do quick repetitive tasks.

### **Unique Features**

- Forward Many: Now you can forward any number of emails to one email id in a formatted manner. Try it out this unique feature, not available in other email server. Just select multiple emails from any folder of your choice and click on forward many.
- Auto Search: In TO, CC or BCC whenever you try press a key, by default you will be displayed all the email id who's first name is starting from that character. Now, you may search that character in Last Name, Email Id and Domain name. You may very well change the default search from First Name to Email address from your own settings option. Try it out. Auto Search also offers you to search Group Names created in your contacts so that you can directly send the group email from the same compose page. By the way, its again a Xgen Only feature and no other email service provides this facility.
- Shortcuts: If you want to take action on any particular email later, just click on [+] near to the subject and a shortcut will get created and a link for shortcut will be also displayed to retrieve that email directly. This feature will save lots of time to search a email and also helps you to remind to take action.
- Save to [folder]: Now while sending an email, you may choose to save email in any folder of your choice instead of "Sent" folder. This feature is important when you want to have one particular communication organized in one particular folder.

#### **Auto-save**

We spent 20 minutes writing this email, and then the browser crashed or we clicked another link to open something else and all matter written in compose GONE. Now you can relax and Good thing there's auto-save. It saves. Automatically and u can retrieve it from Draft folder. Xgen updates any changes in that email AUTOMATICALLY every minute.





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#### Unshared Folder:

If somebody shares his folder with you and you don't it to be shown into your list, go to folders option and Click on the icon on the left side so that folder can be unshared. The folder will not be shown to you in the folders list after unsharing it.

### Delivery Report

Now you can click on "Delivery Report" on compose page and when the email gets delivered to the recipient email server, you will get a delivery report automatically via email.

### Read Receipt

While using compose/reply/forward option to send email, you can choose 'Read Receipt' option and when the receiver reads the email, you will be automatically notified via email including 'time at which mail was opened to read' and 'IP address and browser used'.

## Competitors can't compete with these features:

## **Picture Gallery:**

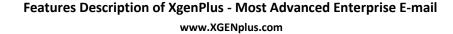
Click on picture gallery button from inbox/send folder email list page and you will be presented the Picture album automatically created out of the images received by you. The pictures are automatically grouped by Senders Email address and date. Is't it very cool -

#### **Share Folder:**

Click on near to the folder name under folder section and you will be given the option to share the folder with any of your colleague in the organization. You can share with one colleague or with the entire organization. You even have an option to give him 'Reply' 'Forward' or 'Delete' rights and you can unshared the folder as and when you require. Once share, your colleague will see the shared folder in his folders list and he can see the emails and perform the actions based on the rights given by you. On sharing or unsharing the notification to the colleague gets sent automatically via email.

# Schedule email/fax/sms for future delivery date and time:

While you are composing your email/fax/sms, you can set the delivery date and time of the message to the respective recipient and XGEN is capable to deliver your message on desired date and time. This may be used for time specific compliances or wishes on birthday and anniversary or reminders to yourself or





# **Virtual Storage:**

Store large documents in your a/c and send them as link to the recipient instead of your colleague. This will allow you to send, may be 100 mb document access to the colleague through just 1k email. You save your sent folder space and recipient does not losses his inbox space. If you are in the same organization you have save lots of storage space for yourself and your organization.

# While there are many excellent reasons to choose XgenPlus, these 11 reasons top the list.

1	<b>Guaranteed Delivery Report:</b> Now you can click on "Delivery Report" on compose page and when the email gets delivered to the recipient email server, you will get a delivery report automatically via email. No response is required from the user to get the report.
2	<b>Forward Many:</b> Now you can forward any number of emails to one email id in a formatted manner. The emails are automatically sorted on date and separated by a line in one email, making all individual emails clearly visible. Try it out this unique feature, not available in other email server.
3	Boost your defenses with XgenPlus Integration with Spamjadoo: Xgen raises the bar in the antispam war. The latest XgenPlus integration with patented technology of antispam incorporates checks against phishing scams and domain spoofing tactics. The server also protects from Directory Harvest Attacks and user latest technologies like SPF, DNSBL to remove unwanted traffic.
4	Support larger mailboxes with the raised storage limit in Standard Edition: XgenPlus can now accommodate your users' demands for larger mailboxes. In ver 11 storage limits have for each user has been tested up to 10 GB.
5	<b>Simplify public folder administration:</b> If your company uses public folders, XgenPlus brings a new folder sharing technique without having to administer it by administrator.
6	<b>Get your e-mail faster when on the go:</b> Additional data compression through GZIP reduces synchronization bandwidth and latency giving you a faster experience when sending and receiving messages over mobile devices.
7	Access mails wirelessly: Looking up emails stored on XgenPlus makes it easier to conduct business when out of the office.
8	Pinboard / shortcuts: If you want to take action on any particular email later, just click on [+] near to the subject and a shortcut will get created and a link for shortcut will be also displayed to retrieve that email directly. This feature will save lots of time to search a email and also helps you to remind to take action. Very very cool? is't it?
9	Migrate with peace of mind with fully supported tools to move from GroupWise: Get it Migrated from Novell GroupWise, Qmail, Atmail and Exchange.



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10	POP and SMTP Performance has been improved and tested upto 20000 emails per minute on pop server and 2000 emails per minutes on SMTP server on a Multiple XEON CPU with 4 GB RAM. This gives the more load handling capacity to the organization on single server. (saves hardware investment)
	XgenPlus Webmail has been tested and runs smoothly on Safari (mac), Internet Explorer, Opera and Firefox. Ajax has been used at appropriate functions while creating the webmail, making the interface much faster and making it web 2.0 ready.
11	Load Palancing - Vgop Corver combined with Vgop Switch and Spamiados is capable to auto

**Load Balancing :** XgenServer combined with XgenSwitch and Spamjadoo is capable to auto search the user mailbox created from the array of servers and intelligently deliver all future emails directly to that particular server.

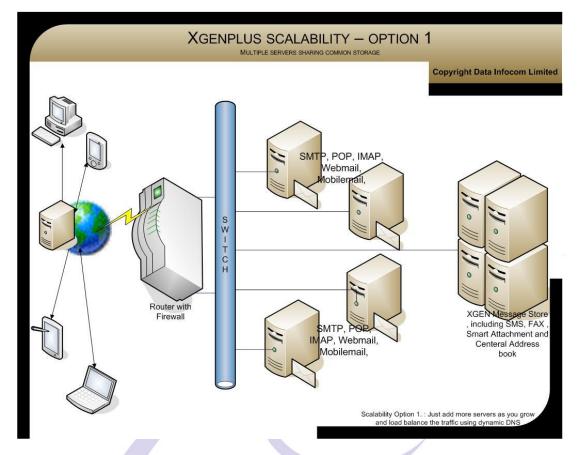
Visit <u>www.datainfosys.net</u> for company and <u>www.XGEN.in</u> for product details

# **Scalability of XgenPlus**

If your question is, How much XGENplus server can scale? than answer is — **Massively**. Xgenplus detachable modular approach for services offers you to scale in multiple ways and mix and match to fit your organization needs.

### **Scalability Option 1:**



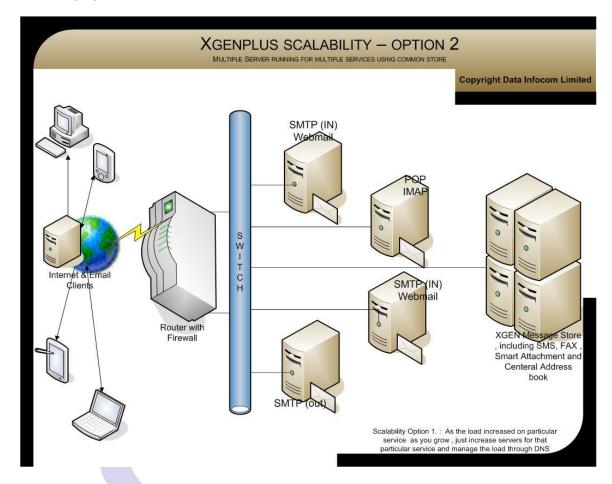


**Note**: XgenPlus services may be deployed on high configuration servers and all the services are capable to use common store simultaneously. This architecture offers the flexibility to add on servers for specific services at any point of time and does not reconfigurations of all the servers and storage. This approach offers lots of flexibility and services may be monitored independently.

**Example**: You can have 2 servers, which may run SMTP Incoming, pop, imap, on first server and webmail, SMTP Outbound can run on server second.



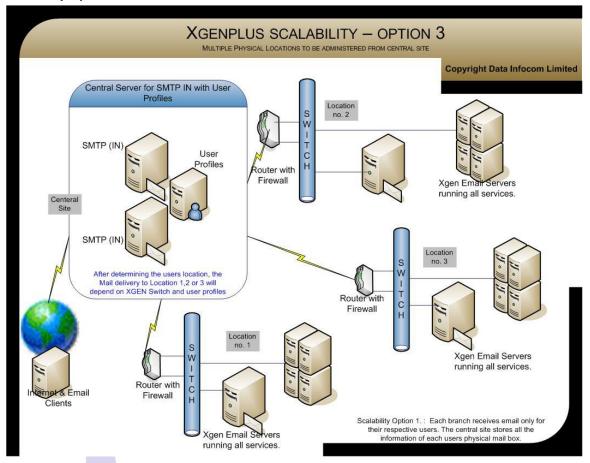
### **Scalability Option 2:**



**Note**: XgenPlus services may be deployed on multiple server and all the services are capable to use common store simultaneously. This architecture offers the flexibility to add on servers for specific services at any point of time and does not reconfigurations of all the servers and storage. This approach offers lots of flexibility and services may be monitored independently. **Example:** You can have 5 services and each server may run SMTP Incoming, webmail, pop, imap, SMTP Outbound respectively on different servers and all servers will use common storage



### **Scalability Option 3:**



**Note**: This solution is good for organizations who have multiple branches and wishes to retain the branch email storage at branch level itself. However entire external traffic received and sent is routed through central site to log / monitor 100% organization traffic.

Example: State Bank of Bikaner and Jaipur bank has multiple branches all over India and they may have branch wise storage and Xgen instance running. Now if the branch A users communicates with Branch A users, the email does not move out of branch and gets delivered locally. If branch A user sends the email to branch B or any other non local users, the email will be delivered to central site and central site will be responsible for final delivery.





### Scalability 4:

## Storage scalability architecture for managing large size mail boxes effectively.

By default XgenPlus uses database as a message store and database offers the following specifications from storage point of view.

Limit	Value
Maximum Database Size	Unlimited
Maximum Table Size	32 TB
Maximum Row Size	1.6 TB
Maximum Field Size	1 GB
Maximum Rows per Table	Unlimited
Maximum Columns per Table	250 - 1600 depending on column types
Maximum Indexes per Table	Unlimited

Since the database size is unlimited or limited to the size of the hardware storage space, and one email size is not likely to cross 1 GB than only limitation may come across is table size to store number of emails.

To handle the table size limitation, we have setup the mail storage table architecture in 27 partitioned tables, which means know XgenPlus can manage 27x30 = 810 TB storage of emails on single domain.

In next versions of release we will be coming out with more robust storage plan so that table size limit does not become the constraint for Xgen if the storage is required to be more than 810 and Xgen will be able to support unlimited storage space.

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