

## ES-6000 IMAP and IMAP4 settings

AirLive ES-6000 supports to let user access mail by using IMAP or IMAP4 protocol.

Via IMAP or IMAP4 protocol, client user can receive mail's subject first, instead of receiving the full mail file. When client user reviews the subject and would like to check detail mail content, then he can decide to receive specific full mail from ES-6000.

The differential between IMAP and IMAP4 is that IMAP is designed for PC system, and IMAP4 is designed for cell phone. So, IMAP4 is also known as Push Mail.

### Push Mail Example - ES-6000

You can follow steps to configure ES-6000 Push Mail setting and your cell phone:

**Step1.** Under **Mail Management → Account Management → Setting**, set as below:

- Allocate a disk space as default capacity to each account for push e-mail storage. (The capacity allocation should be adjusted to an appropriate size, 10 MB for example, in order to avoid wasting disk space). (Figure 8-1)

Domain Name :

Account Learning Setting

**Help**

☐ Automatically Adding

☐ Query Old Mail Server, IP Address  Query  (Automatically Learning)

☒ Not Learning (Manual Setting)

☐ Enable LDAP [Test](#)

LDAP Server IP

LDAP Server Port  (Range : 1 - 65535)

LDAP Search Base  (Max. 255 characters, ex: dc=mail,dc=my\_domain,dc=com)

LDAP Filter Rule  (Max. 255 characters, ex: (objectClass=\*))

User Name  (Max. 255 characters)

Password  (Max. 20 characters)

Default Settings for New Account

Web Mail	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<b>Help</b>
POP3	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<b>Help</b>
IMAP	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<b>Help</b>
SMTP Inbound	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<b>Help</b>
SMTP Outbound	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	<b>Help</b>
Maximum Mail Box Quota for New Account	<input type="text" value="100"/> MB (Inbox : <input type="text" value="50"/> MB, Others : 50 MB) (Range : 10 - 9999)	
Web Disk Quota	<input type="text" value="100"/> MB (Range : 0 - 9999, 0 : means disable)	
Maximum Message Size of a Mail	<input type="text" value="10"/> MB (Range : 1 - 999)	
Push Mail Quota	<input type="text" value="10"/> MB (Range : 1 - 9999)	

Figure 8-1 Allocating an Appropriate Storage Space to Each Push Mail Account



When ES-6000 receives e-mails dedicated to internal accounts, it will act on user-defined rules to determine whether to duplicate them to each push e-mail storage space as well as to push them to users' mobile devices.



Push e-mails will be cleaned up once the total e-mail size has exceeded the storage quota allocated for push e-mail. Nevertheless, despite the deletion of all push e-mails, the original copies remain available in each account's inbox on ES-6000 device. Users may retrieve them by using e-mail application, such as Outlook Express.

**Step2.** Under **Push Mail → Push Rule**, set as below:

- Click **ALL** next to **Classification** to show all accounts.
- In the **Enabled Account** table, tick unwanted account(s) and remove it to **Disabled Account** table by clicking **to Disabled Account** in the upper right corner of the table. (Figure 8-2, 8-3, 8-4)
- In the **Enabled Account** table, apply the default rule to the selected account(s) by selecting **to Push Mail** from the pull-down menu and clicking **OK** next to it. (Figure 8-5, 8-6)

Domain Name:

User Status: ☒ ALL (4) ☐ On-line (0) ☐ Off-line (4)

Classification: ALL [0-9](#) [a](#) [b](#) [c](#) [d](#) [e](#) [f](#) [g](#) [h](#) [i](#) [j](#) [k](#) [l](#) [m](#) [n](#) [o](#) [p](#) [q](#) [r](#) [s](#) [t](#) [u](#) [v](#) [w](#) [x](#) [y](#) [z](#)

Total entry : 4

Enabled Account [Select All](#) [to Disabled Account](#)

The default rule for the selected account is

<input type="checkbox"/> <a href="#">jacky_pmail</a>	<input type="checkbox"/> <a href="#">josh_pmail</a>	<input type="checkbox"/> <a href="#">portia_pmail</a>	<input checked="" type="checkbox"/> <a href="#">ravearth_pmail</a>
--	---	---	--

Total entry : 4

Disabled Account [Select All](#) [to Enabled Account](#)

No Data !

Figure 8-2 Moving Selected Accounts to Disabled Account Table

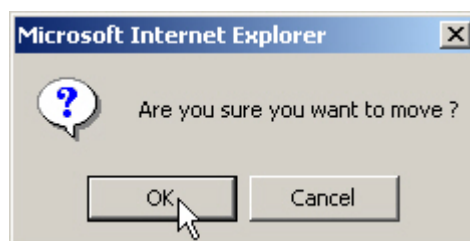


Figure 8-3 Confirming to Move Selected Accounts to Disabled Account Table

Domain Name :

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User Status :

Classification : ALL [0-9](#) [a](#) [b](#) [c](#) [d](#) [e](#) [f](#) [g](#) [h](#) [i](#) [j](#) [k](#) [l](#) [m](#) [n](#) [o](#) [p](#) [q](#) [r](#) [s](#) [t](#) [u](#) [v](#) [w](#) [x](#) [y](#) [z](#)

Total entry : 3

Enabled Account <a href="#">Select All</a> <a href="#">to Disabled Account</a>				
The default rule for the selected account is <input type="text" value="to Push Mail"/> <input type="button" value="Ok"/>				
<input type="checkbox"/> <a href="#">jacky_pmail</a>	<input type="checkbox"/> <a href="#">josh_pmail</a>	<input type="checkbox"/> <a href="#">portia_pmail</a>		

Total entry : 3

Total entry : 1

Disabled Account <a href="#">Select All</a> <a href="#">to Enabled Account</a>				
<input type="checkbox"/> <a href="#">rayearth_pmail</a> (0)				

Total entry : 1

Figure 8-4 Disabling Push Mail by Moving to Disabled Account List

Domain Name :

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User Status :

Classification : ALL [0-9](#) [a](#) [b](#) [c](#) [d](#) [e](#) [f](#) [g](#) [h](#) [i](#) [j](#) [k](#) [l](#) [m](#) [n](#) [o](#) [p](#) [q](#) [r](#) [s](#) [t](#) [u](#) [v](#) [w](#) [x](#) [y](#) [z](#)

Total entry : 3

Enabled Account <a href="#">Select All</a> <a href="#">to Disabled Account</a>				
The default rule for the selected account is <input type="text" value="to Push Mail"/> <input type="button" value="Ok"/>				
<input type="checkbox"/> <a href="#">jacky_pmail</a>	<input type="checkbox"/> <a href="#">josh_pmail</a>	<input type="checkbox"/> <a href="#">portia_pmail</a>		

Total entry : 3

Total entry : 1

Disabled Account <a href="#">Select All</a> <a href="#">to Enabled Account</a>				
<input type="checkbox"/> <a href="#">rayearth_pmail</a> (0)				

Total entry : 1

Figure 8-5 Applying Default Rule to the Selected Accounts

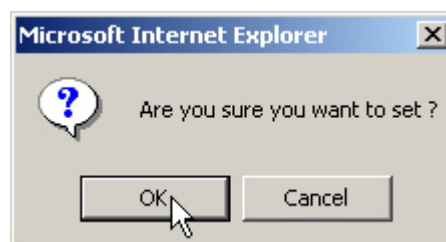


Figure 8-6 Confirming to Apply Default Rule to the Selected Accounts

**Step3.** Under **Push Mail → Push Rule**, set as below:

- In the **Enabled Account** table, click the desirable account to set up the user-defined rule.  
(Figure 8-7)
- Click **New Entry**.
- Type “Not Push” in the **Rule Name** field.
- Type “Not Push Mail” in the **Comments** field.
- Select “Or” for **Combination**.
- Select “Not Push” for **Action**.
- Select “From” for **Item**, “Contains” for **Condition** and then type “hotmail” as **Pattern**.  
(Figure 8-8)
- Click **OK**. (Figure 8-9)

Domain Name :

User Status :

Classification : ALL [0-9](#) [a](#) [b](#) [c](#) [d](#) [e](#) [f](#) [g](#) [h](#) [i](#) [j](#) [k](#) [l](#) [m](#) [n](#) [o](#) [p](#) [q](#) [r](#) [s](#) [t](#) [u](#) [v](#) [w](#) [x](#) [y](#) [z](#)

Total entry : 3

Enabled Account [Select All](#) [to Disabled Account](#)

The default rule for the selected account is

<input type="checkbox"/> <a href="#">jacky_pmail</a>	<input type="checkbox"/> <a href="#">josh_pmail</a>	<input type="checkbox"/> <a href="#">portia_pmail</a>		
--	---	---	--	--

Total entry : 3

Total entry : 1

Disabled Account [Select All](#) [to Enabled Account](#)

<input type="checkbox"/> <a href="#">rayearth_pmail</a> (0)				
---	--	--	--	--

Total entry : 1

**Figure 8-7 Clicking the Desirable Account to Create User-defined Rule**

Rule Name :  ( Max. 16 characters )      Comments :  ( Max. 20 characters )

Combination :       Action :

Item	Condition	Pattern ( Max. 30 characters )	Configure
<input type="button" value="Received"/>	<input type="button" value="Contains"/>	<input type="text" value="hotmail"/>	<input type="button" value="Next"/>

**Figure 8-8 Creating a User-Defined Rule**

jacky.pmail@airlive15.dyndns.org

### User-defined Rule

Rule Name	Action	Comments	Configure	Move
Not_Push	Not Push	Not Push	Modify Remove	To 1

New Entry

### Default Rule

When email does not meet the User-defined Rule, then :

☒ Push mail to this account  
☐ Do not push mail to this account

Ok

Figure 8-9 User-Defined Rule Created



Whether an e-mail, which has been scanned for virus and inspected for spam, will be pushed to the user's mobile device depends on individual user-defined rule.



Right-click any e-mail in your Outlook Express, and then click **Properties** on the pop-up menu. After that, click **Details** tab for information on e-mail header of which can be used as reference while configuring the **Item** and **Condition** of a **User-defined Rule**. (Figure 8-10)

E-Mail Server(E-Mail Server) Spam Mail Notice (... ? X)

General Details

Internet headers for this message:

```

Return-Path: <spam.notice@airlive.com>
X-Original-To: jacky@airlive15.dyndns.org
Delivered-To: jacky@airlive15.dyndns.org
X-PushMail: __D4ALL__;ALL:1;-10I
Received: from airtlive.com [59-124-2-55.HINET-IP.hinet.net [55
by airtlive15.dyndns.org (Email Server Appliance Xi) w
for <jacky@airlive15.dyndns.org>; Fri, 5 Sep 2008 15:00:05 +0800
Received: by airtlive.com
id E0462E58046; Fri, 5 Sep 2008 15:00:05 +0800 (L
Received: by E-Mail Server(E-Mail Server) (sSMTP sendmail en
From: spam.notice@airlive.com
To: jacky.ko@airlive.com
Subject: =?utf-8?B?RS1NYWlslFNlcnZlcihFLU1haWwgU2Vyd
Date: Fri, 5 Sep 2008 15:00:05 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----_NextPart_000_00B0_01C6D76B.1CC4F460"
Message-Id: <20080905150005.E0462E58046@airlive.com>
X-Antivirus: avast! (VPS 080904-1, 09/04/2008), Inbound mess:
  
```

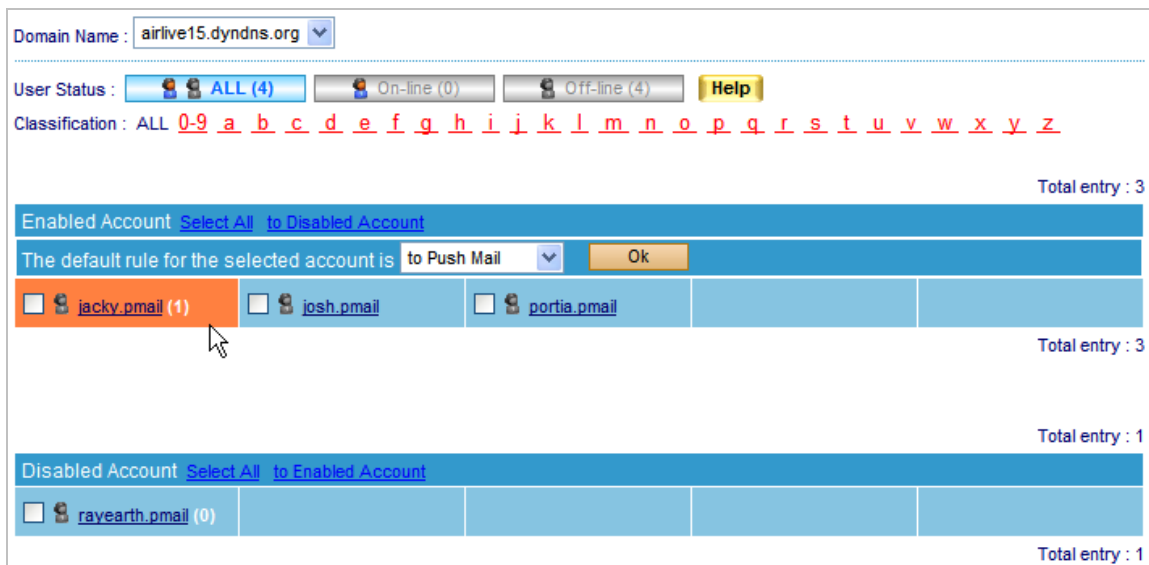
Message Source...

OK Cancel

Figure 8-10 The Detailed Information of an E-Mail

**Step4.** Given that ES-6000 receives e-mails dedicated to an internal account, such as [jacky@airlive15.dyndns.org](mailto:jacky@airlive15.dyndns.org), then: (Based on STEP 3, e-mails from hotmail will not be pushed.)

- Log onto the Internet through a mobile device.
- Use IMAP4 protocol to retrieve e-mails dedicated to [jacky@airlive15.dyndns.org](mailto:jacky@airlive15.dyndns.org).
- Log on with your push e-mail account, such as “jacky.pmail”, and password.
- The on-line status will be indicated under **Push Mail → Push Rule**. (Figure 8-11)
- E-mails will immediately be pushed to Reggie's mobile device as long as push e-mail is activated on the mobile device. (Figure 8-12)
- Reading e-mails on a mobile device. (Figure 8-13, 8-14)



**Figure 8-11 A Message Arrives at Reggie's Account**

## Push Mail Example - Cell phone

We take Nokia E65 as the example to show you the configuration steps:

- ◆ Confirm the support for Internet access on your mobile phone.
- ◆ Go to the e-mail setting screen, in this case, it is **Menu → Messag. → Inbox**, press **Options** at left-corner of screen, and select **Settings** function. (Figure 8-15, Figure 8-16, Figure 8-17)
- ◆ Enter **E-mail** function and press **Options** to select **New mailbox**. Press any key to start the **Mailbox setup wizard** as following setting: (Figure 8-18, Figure 8-19, Figure 8-20)
  1. Select **IMAP4**. (Figure 8-21)
  2. Fill in the IP address. In this case we input [jacky@airlive15.dyndns.org](mailto:jacky@airlive15.dyndns.org). (Figure 8-22)
  3. Fill in the IP address or domain name of Incoming mail server. Ex. [airlive15.dyndns.org](mailto:airlive15.dyndns.org). (Figure 8-23)
  4. Fill in the IP address or domain name of Outgoing mail server. Ex. [airlive15.dyndns.org](mailto:airlive15.dyndns.org). (Figure 8-24)
  5. Specify the mailbox name, and finish the setting. (Figure 8-25)

- ◆ Select Mailbox → Connection settings → Incoming e-mail to fill in user name and password. (Figure 8-26, Figure 8-27, Figure 8-28, Figure 8-29)
- ◆ Select Mailbox → Connection settings → Outgoing e-mail to fill in user name and password. (Figure 8-30, Figure 8-31)
- ◆ Start the connection to receive mail from ES-6000. (Figure 8-32, Figure 8-33)

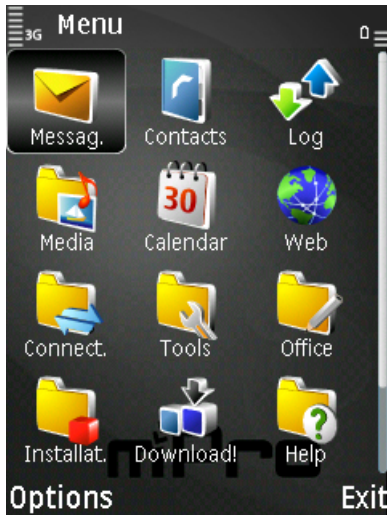


Figure 8-15 Select Messag. on Menu

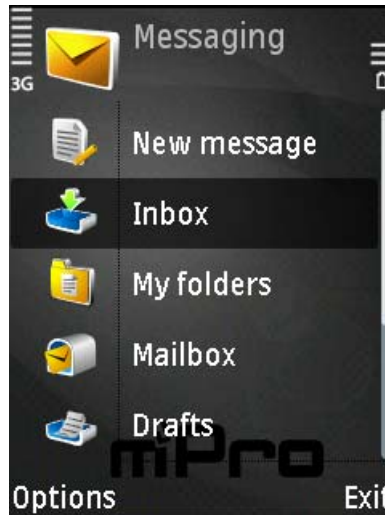


Figure 8-16 Press Options

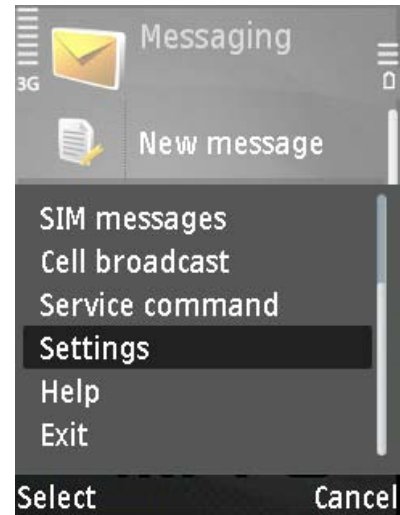


Figure 8-17 Select Settings

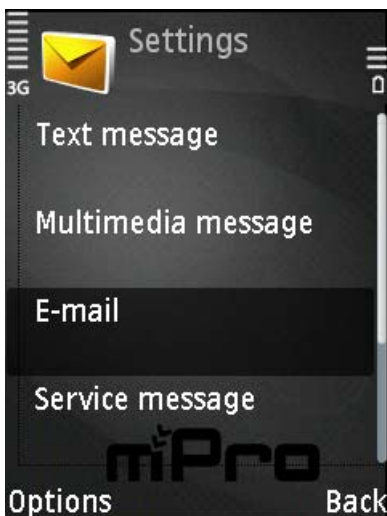


Figure 8-18 Select Email



Figure 8-19 Create new mail box

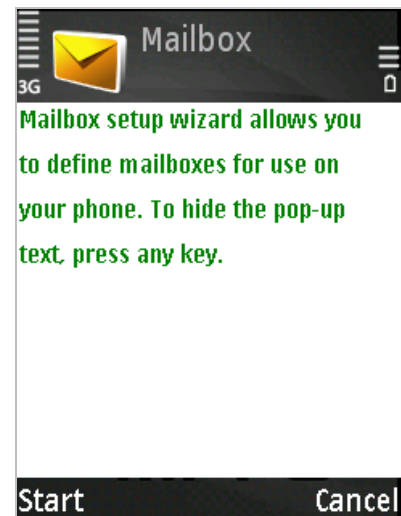


Figure 8-20 Wizard





Figure 8-21 Select IMAP4 protocol

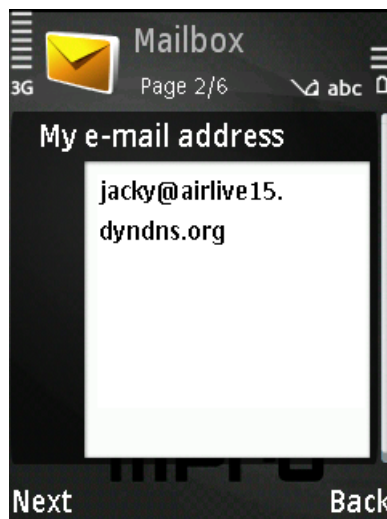


Figure 8-22 Enter Mail address

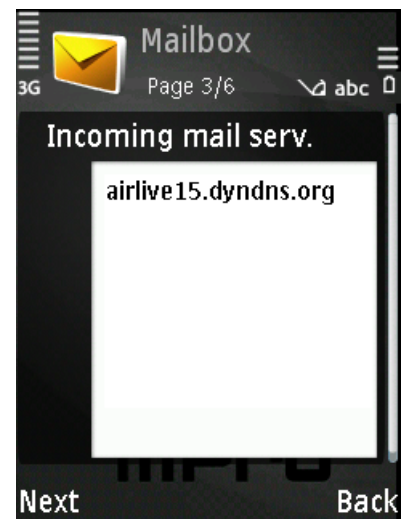


Figure 8-23 Incoming Mail Server

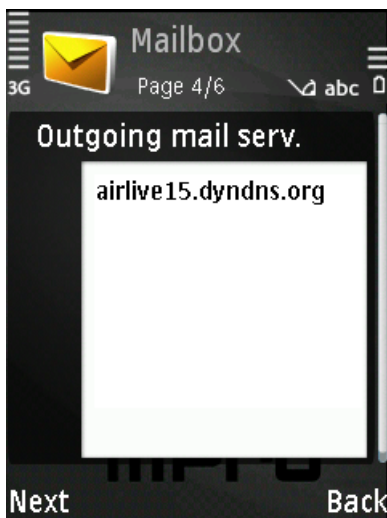


Figure 8-24 Outgoing Mail Server



Figure 8-25 Define Mailbox



Figure 8-26 Edit else setting

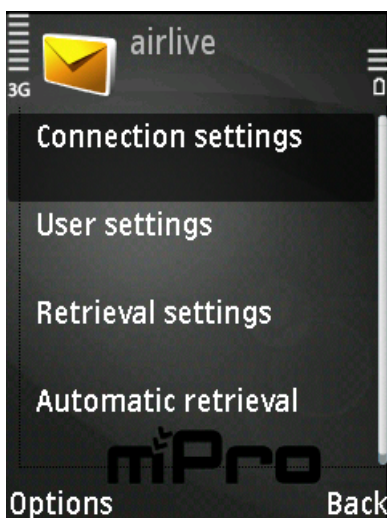


Figure 8-27 Edit Connection setting

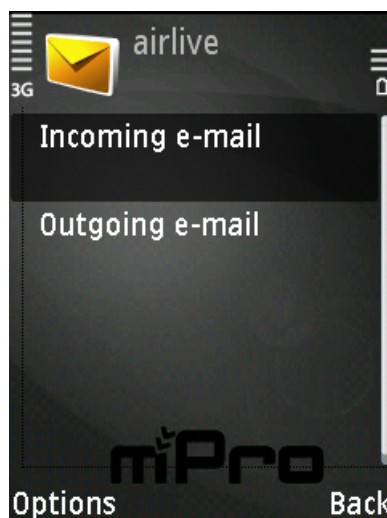


Figure 8-28 Enter Incoming setting



Figure 8-29 Edit Incoming setting





Figure 8-30 Enter Outgoing setting



Figure 8-31 Edit Outgoing setting

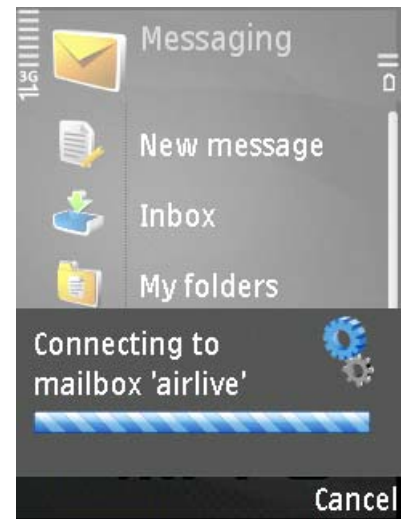


Figure 8-32 Connect to Mail server

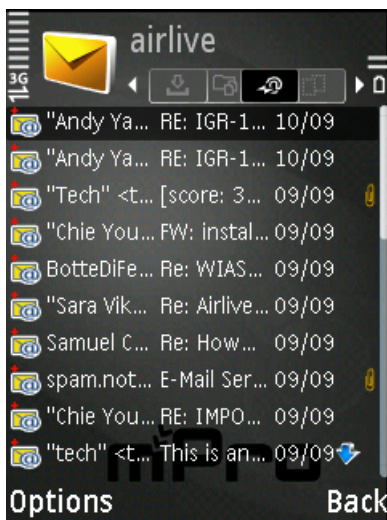


Figure 8-33 Receive and read mail

## IMAP Example - ES-6000

User must apply and register a domain name from the organization, then he can follow the steps to configure ES-6000 about IMAP or else mail function.

- Allocates the default size of mailbox, Inbox, Web Disk and the maximum size of incoming mails. (The settings here does not apply to those settings made in individual mail management )
- ◆ Below is an example for your reference :
  1. Tick **IMAP**
  2. Select **TLS+SSL** from the pull-down menu for **Security Session**
  3. Enter “143” for **IMAP** and “993” for **IMAPS**
  4. Tick else function if you also want to use it.
  5. Click **OK**. (Figure 4-1)

The image shows a 'Mail Setting' window with a blue header bar. It contains several sections for configuring mail services. Each section has a checkbox to 'Enable' the service, followed by a 'Security Session' dropdown menu (all set to 'TLS + SSL'), and then input fields for the service ports. At the bottom, there are settings for 'Max. Simultaneous Connections of Send Mail' and 'Max. Lifetime of a Mail in Queue', along with checkboxes for 'Enable Local SMTP Authentication' and 'Enable Inbox Quota Auto-Adjustment', each with a 'Help' button. 'Ok' and 'Cancel' buttons are at the bottom right.

Service	Enabled	Security Session	Port 1	Port 2	Range
SMTP	<input checked="" type="checkbox"/>	TLS + SSL	25	465	1 - 65535
POP3	<input checked="" type="checkbox"/>	TLS + SSL	110	995	1 - 65535
IMAP	<input checked="" type="checkbox"/>	TLS + SSL	143	993	1 - 65535
Web Mail	<input checked="" type="checkbox"/>		8080	1443	1 - 65535

Public IP Address / Domain Name of Web Mail: 192.168.0.248

Max. Simultaneous Connections of Send Mail: 50 (Range: 1 - 9999)

Max. Lifetime of a Mail in Queue: 4 Hours (Range: 1 - 99)

☒ Enable Local SMTP Authentication [Help](#)

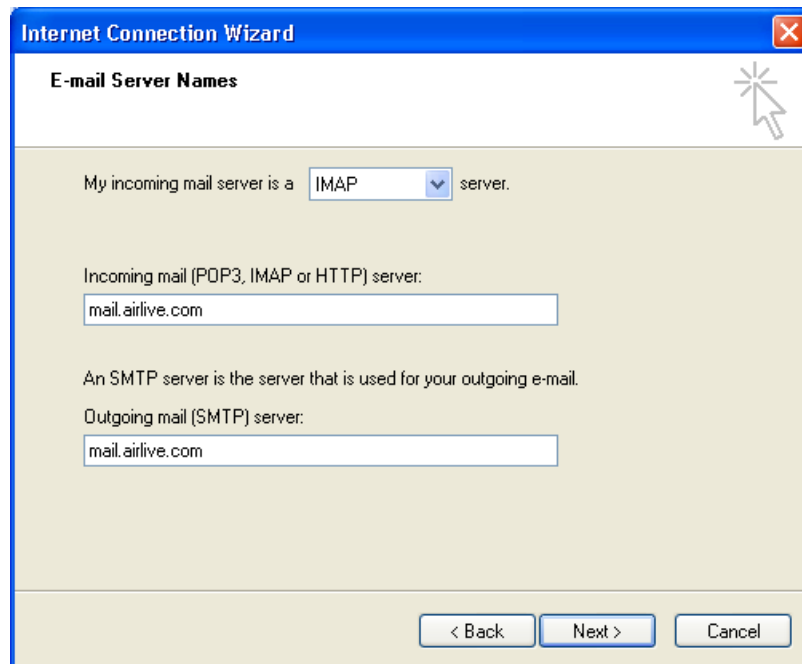
☒ Enable Inbox Quota Auto-Adjustment [Help](#)

[Ok](#) [Cancel](#)

Figure 4-1 Mail management configuration

## IMAP Example - Outlook Express

1. Create a mail client at Outlook Express and select **IMAP** server; type in the mail domain name for Incoming and Outgoing mail server setting.



The screenshot shows the 'Internet Connection Wizard' window with the 'E-mail Server Names' tab selected. The window has a blue title bar and a standard Windows XP-style border. The main area is light beige. At the top right, there is a mouse cursor icon. The text 'My incoming mail server is a' is followed by a dropdown menu showing 'IMAP' and a small downward arrow, followed by the word 'server.'. Below this, the text 'Incoming mail (POP3, IMAP or HTTP) server:' is followed by a text box containing 'mail.airlive.com'. Further down, the text 'An SMTP server is the server that is used for your outgoing e-mail.' is followed by the text 'Outgoing mail (SMTP) server:' and another text box containing 'mail.airlive.com'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Internet Connection Wizard

**E-mail Server Names**

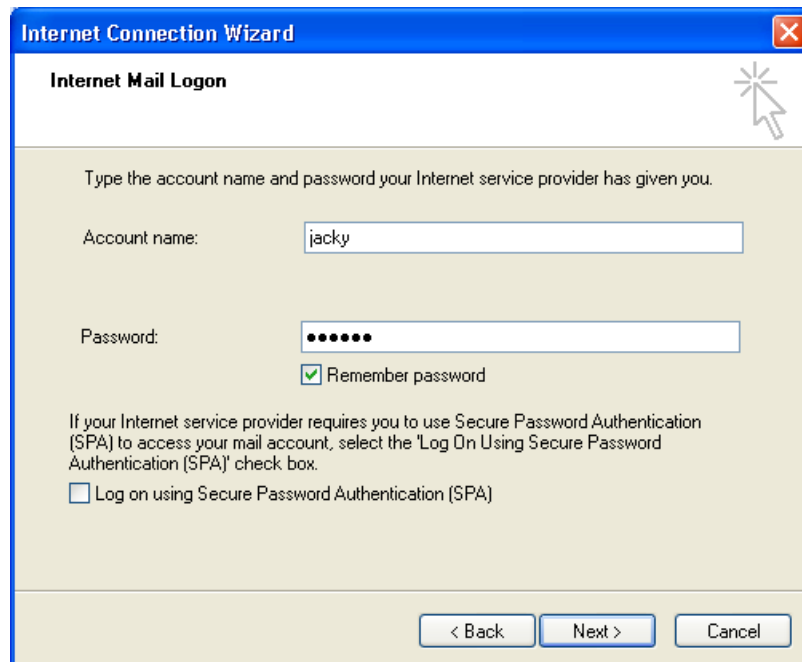
My incoming mail server is a **IMAP** server.

Incoming mail (POP3, IMAP or HTTP) server:  
mail.airlive.com

An SMTP server is the server that is used for your outgoing e-mail.  
Outgoing mail (SMTP) server:  
mail.airlive.com

< Back   Next >   Cancel

2. Type in account name and password.



The screenshot shows the 'Internet Connection Wizard' window with the 'Internet Mail Logon' tab selected. The window has a blue title bar and a standard Windows XP-style border. The main area is light beige. At the top right, there is a mouse cursor icon. The text 'Type the account name and password your Internet service provider has given you.' is followed by the text 'Account name:' and a text box containing 'jacky'. Below this, the text 'Password:' is followed by a text box containing seven dots. Under the password box, there is a checked checkbox labeled 'Remember password'. Further down, there is a paragraph of text: 'If your Internet service provider requires you to use Secure Password Authentication (SPA) to access your mail account, select the 'Log On Using Secure Password Authentication (SPA)' check box.' followed by an unchecked checkbox labeled 'Log on using Secure Password Authentication (SPA)'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Internet Connection Wizard

**Internet Mail Logon**

Type the account name and password your Internet service provider has given you.

Account name: jacky

Password: ●●●●●●●

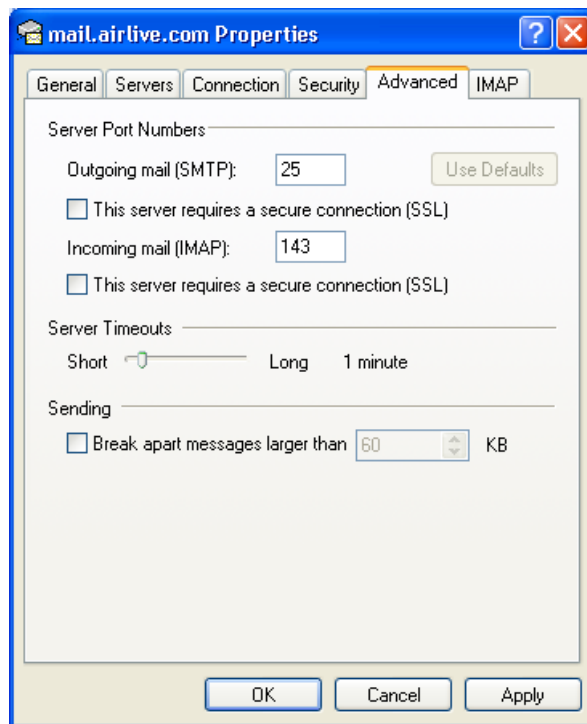
☒ Remember password

If your Internet service provider requires you to use Secure Password Authentication (SPA) to access your mail account, select the 'Log On Using Secure Password Authentication (SPA)' check box.

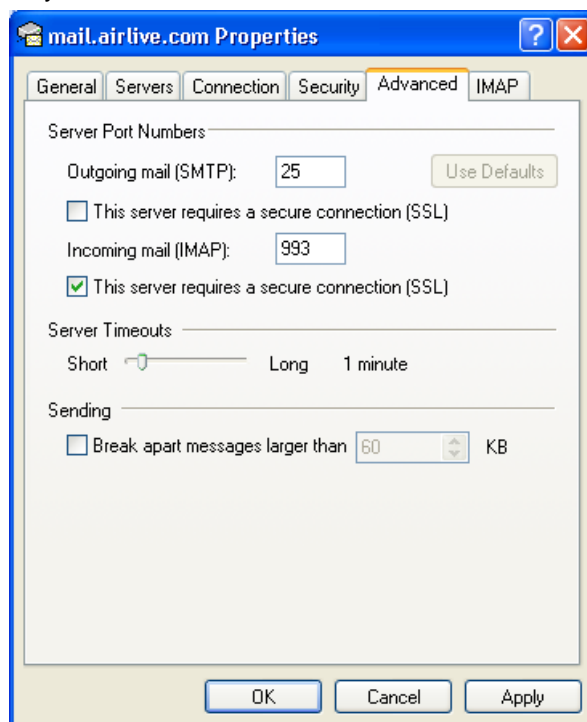
☐ Log on using Secure Password Authentication (SPA)

< Back   Next >   Cancel

3. If user does not select SSL function, the default IMAP port number will be TCP 143, or the specific port number defined by user.



4. If user selects SSL function, the default IMAP port number will be TCP 993, or the specific port number defined by user.



5. Click **OK** and finish the setting.