



INSTALLATION AND CONFIGURATION GUIDE

(THIS DOCUMENT RELATES TO MDAEMON v9.5.0 ONWARDS)

Overview

This document is designed to provide a quick installation and configuration guide for MDaemon along with a guide to its integrated web interface – WorldClient. This guide also provides a brief overview of the plug-ins available for MDaemon which have their own installation guides.

It allows a user to download and install MDaemon and be up and running with a configured server in less than 30 minutes (in fact you should be able to do it in less than 10!).

It covers the basic features required to get a server up and running. For further information on MDaemon's full feature set you should refer to the MDaemon product manual which goes in to much greater detail, this can be downloaded from here:-

<http://www.tnz.co.nz/main.php?context=public&path=products-mdaemon-documentation>

MDaemon

MDaemon is a Windows based email and groupware server designed to fulfil the email requirements of organisations ranging from fewer than 6 users to ones with many thousands of users. MDaemon is a reliable and easy to configure solution that, while being very reasonably priced, still offers more features than virtually every other email server on the market.

MDaemon is ideally suited to permanent broadband connections, where email is received directly by SMTP delivery - but also offers full support for dial-up connections, where a static IP address may not be possible – in which case DomainPOP and MultiPOP email collection would typically be used.

MDaemon is available in two versions, Standard and Pro. Key features that are available in the Pro version are:-

- Integrated groupware features such as Calendar, Contact, Task and Memo folders including the ability to share these among other MDaemon users through the sophisticated WorldClient web interface;
- Support for the Outlook Connector plug-in which allows Microsoft Outlook users to integrate with MDaemon's email and groupware features without needing a Microsoft Exchange Server;
- Advanced content based spam filtering using SpamAssassin technology;
- IMAP support for centralised email folder sharing using standard IMAP clients such as Outlook Express, Mozilla Thunderbird and Outlook;
- Advanced security features such as SPF and DomainKeys to help prevent email spoofing and phishing;
- PDA support for remote email access using WAP, WML and XHTML themes in WorldClient;
- Support for the Outbreak Protection component of the SecurityPlus plug-in.

...and other advanced features such as multiple theme and language support in WorldClient; Multiple domain support; SSL service encryption; Per service/domain bandwidth throttling; Centralised attachment stripping and linking; ODBC support for accounts and mailing lists;

Although MDaemon Standard provides an excellent email server solution, most people settle on MDaemon Pro as their preferred choice because of these enhanced features.

MDaemon plug-ins

A number of popular plug-ins are available for MDaemon which enhance its core features and provide additional functionality.



SecurityPlus plug-in for MDaemon

SecurityPlus for MDaemon incorporates the latest virus scanning technology from Kaspersky Labs and combines it with a sophisticated new feature called Outbreak Protection which is based on real-time pattern matching technology from industry leader Commtouch Software. Outbreak Protection successfully deflects the vast majority of spam, viruses and phishing attacks that spread rapidly across the Internet before handing the remaining messages through to the Kaspersky AV engine and then MDaemon's powerful spam filter for further filtering before they pass through to end users. The SecurityPlus plug-in is a VITAL addition to any MDaemon server and is HIGHLY RECOMMENDED.

A fully functional 30 day evaluation version of SecurityPlus for MDaemon can be downloaded from our website here:-

<http://www.tnz.co.nz/main.php?context=public&path=products-mdaemon-download>

Important note: The use of other third-party anti-virus applications on your MDaemon server can cause problems such as server crashes, lost emails, duplicated emails, locked mail queues and unreliable detection of infected messages. If you are running another anti-virus application on your MDaemon server, you must ensure that you exclude all of MDaemon's folders from real-time scanning and that the email traffic to and from MDaemon's services is not being intercepted for scanning. Alt-N's AntiVirus plug-in for MDaemon is designed specifically to operate with MDaemon at the right point in the message delivery process and so provides the only reliable AV solution for use with your MDaemon server.



Outlook Connector plug-in for MDaemon (Requires MDaemon Pro)

The Outlook Connector plug-in turns MDaemon into a comprehensive alternative to Exchange Server allowing Microsoft Outlook users to share their Email, Calendar, Contact, Journal and Task folders with other users on the network. Traditionally this has required a complex and expensive Exchange Server installation to be undertaken - this is no longer the case. Once a user is connected to MDaemon using the Outlook Connector client, their Outlook data is centralised on the MDaemon server making backups simpler whilst also allowing the user to access their folders through MDaemon's WorldClient web interface when out of the office or away from their desk.

A fully functional 30 day evaluation version of Outlook Connector for MDaemon can be downloaded from our website here:-

<http://www.tnz.co.nz/main.php?context=public&path=products-mdaemon-download>

Where to download MDaemon

Download the latest installation file from our website here:

<http://www.tnz.co.nz/main.php?context=public&path=products-md daemon-download>

When prompted to, select to save the file and put it somewhere like your Desktop so you'll know where it is once the download has been completed.

Information you are going to need

NOTE: This document assumes that you already have a functioning TCP/IP based network of PCs and Internet access from the PC that is going to act as the host for the MDaemon server software.

Before installing MDaemon you need to have the following information to hand – you will normally obtain this from your Internet Service Provider (ISP).

- **Your domain name**

If you are unsure what this is, then it will most likely be the part after the @ symbol in your email address. eg. If your email address at your company is fbloggs@company.com then your domain name will most likely be 'company.com'.

- **How does your ISP deliver your email to you?**

There are two usual methods here. The first method is where your ISP sets-up your domain name's DNS so email is delivered directly to your server using SMTP (recommended). In this case, you won't require MDaemon's DomainPOP mail collection feature.

The second method is where your ISP delivers any email addressed to your domain name to a 'catch-all' POP3 account on their server for you to collect. In this case you will use MDaemon's DomainPOP mail collection feature. If you are going to be using this feature you will also need to know some details about where you collect your email from. These details are:-

Your ISP's POP3 server name
Your POP3 account username
Your POP3 account password

- **How does your MDaemon server obtain its Internet access?**

There are really two options here. The first is where the PC has an automatic connection through a router/gateway on your network (ie. you don't have to dial-up and connect manually first). In this case, you do not need any further information.

The second option is where your PC has a modem and you have to connect up manually to access the Internet. In this case you will need the following details:-

The name of the dial-up connection that have created on your PC
The username that you use when you connect
The password that you use when you connect

- **The IP address of the MDaemon PC on your LAN**

It is highly recommended that the PC on which you are going to install MDaemon has a static IP address on your local network. You should make a note of this IP address.

This should be all you need to know to get up and running. All the above details are absolutely standard pieces of information that you ought to have already. If you don't, then you should obtain them and keep them somewhere safe for future reference.

Installing MDAemon

Once downloaded, run the installation file.

Step through the installation until you get to the 'Registration information' step.

Registration Information

At this point, simply enter your own name and, if applicable, your company name and then click 'Next'. If you have already purchased a registration key, then you can enter it here, otherwise leave it blank and the installer will generate a 30 day trial key for you (the trial key will act as a fully functional MDAemon Pro licence for unlimited users).

After this step, the installer will copy over all the necessary files which takes a few moments.



The screenshot shows the 'Registration Information' dialog box. It contains the following fields: License name (filled with 'Fred Bloggs'), Company or distributor (filled with 'Company Ltd'), and Registration key (left blank). There are '< Back', 'Next >', and 'Cancel' buttons at the bottom.

What is your Domain Name?

This is where you tell your MDAemon server what domain name it will be handling email for.

IMPORTANT: you need to replace the 'company.mail' with your own domain name – this is later referred to as your 'Primary Domain' by MDAemon. For this guide, our domain will be 'company.com'. Once done, click 'Next'.



The screenshot shows the 'What Is Your Domain Name?' dialog box. It has a 'Domain name' field filled with 'company.com'. There are 'Next >' and 'Cancel' buttons at the bottom.

Please Setup Your First Account

This step is straightforward. I'd recommend that you enter the name of the person who is generally going to be responsible for managing the MDAemon server as this first account will become the 'postmaster' and will have full administrative rights. Note that the password needs to be 'strong' ie. A mix of upper and lower case letters and numbers and at least 6 characters in length.



The screenshot shows the 'Please Setup Your First Account' dialog box. It includes fields for Full name (filled with 'Frank Thomas'), Mailbox (filled with 'fbloggs'), and Password (filled with 'password'). There is a checked checkbox for 'This account is an administrator - full configuration access is granted'. There are '< Back', 'Next >', and 'Cancel' buttons at the bottom.

DNS Configuration

Leave the tick box ticked to 'Use Windows DNS settings'. It is assumed that the machine that you are installing MDAemon on to already has Internet access in which case, your Windows DNS settings should already be correct.



The screenshot shows the 'Please Setup Your DNS' dialog box. It has a checked checkbox for 'Use Windows DNS settings'. There are fields for Primary DNS IP Address and Backup DNS IP Address, both marked as optional. There are '< Back', 'Next >', and 'Cancel' buttons at the bottom.

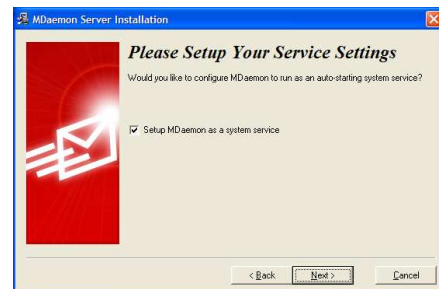
Please Setup Your Operating Mode

Our recommendation is to leave this option on 'Advanced' mode so that you can access all of MDAemon's features. Should you wish to switch to 'Easy' mode in the future, it's extremely easy to switch modes from MDAemon's 'File' menu. Click 'Next'.



System Service Setup

Leave this option ticked. As a service, MDAemon will operate in the background of the PC even if a user isn't logged into it (an icon will be displayed in the system tray by the clock). This is important because your MDAemon server will really need to be operating all the time so that your users can access their email when required. Click 'Next'.



Finished

Click the 'Finish' button to complete the installation and start MDAemon. If you need to reboot your PC, you will be prompted to do so.



Final configuration of the MDAemon server

Having completed the MDAemon installation, your MDAemon service should automatically start-up and may then minimize down to the system tray as a white envelope by your PC's clock.

Accessing your MDAemon server

To access the MDAemon server, simply double-click the white envelope located in your system tray by your clock.



Final steps required

The following are typical final configuration steps that you will need to take to complete the successful setup of your new email system.

1. Create some new accounts for your users;
2. Configure MDAemon to dial-up your ISP when required (**not required** if you use a router for Internet access);
3. Configure MDAemon's DomainPOP mail engine (**only required** if your ISP delivers all email for your domain to a 'catch-all' POP3 account on their email server);
4. Configure your user's client PCs to send and receive email through your new MDAemon server.

Create some new accounts

For each user that is to have email, you will need to create an account on your MDAemon server. To do this select 'Account Manager' from the 'Accounts' menu. You will initially see two accounts listed. One is a system account which you can ignore. The other should be the one that you created during the installation wizard.

To add a new account, simply click the 'New' button and you'll be presented with the screen shown here:-

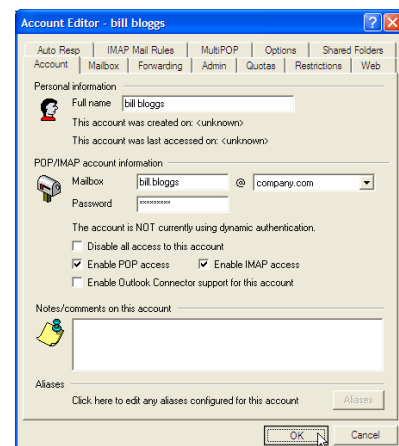
Simply enter the person's 'Full name', their 'Mailbox name' and their 'Account password'. By default, passwords are required to be 'strong' ie. a mix of upper and lower case letters and numbers and at least 6 characters in length.

You will notice as you type in your name, that MDAemon will automatically use the name to generate a mailbox name. The default template for this is:-

`$.USERFIRSTNAME$.$.USERLASTNAME$`

eg. Entering a full name of 'bill bloggs' will result in a mailbox name of 'bill.bloggs'. You can modify the template for new account defaults at any time by selecting 'New account defaults' from the 'Accounts' menu.

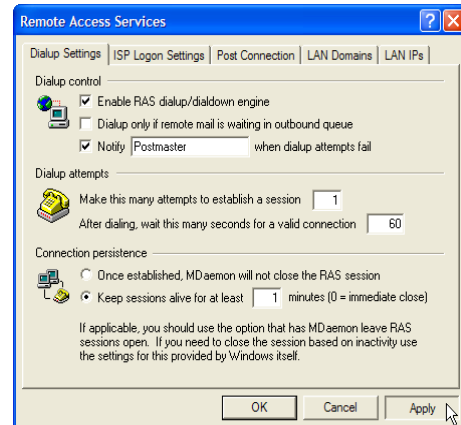
Alternatively you can just enter your own mailbox name for each account as you create them.



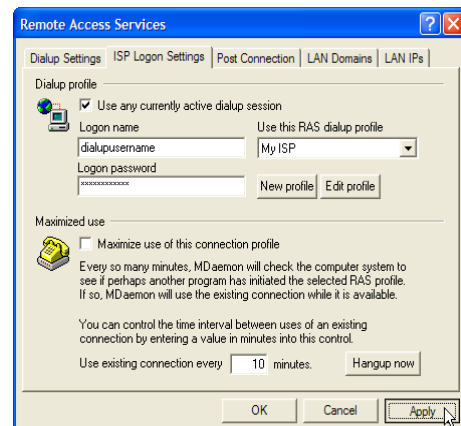
Configure the dial-up connection

IMPORTANT NOTE: this section is only applicable for modem users.

From the 'Setup' menu, select 'RAS dialup / dialdown'. Tick the first option to enable the RAS dialup / dialdown engine and click 'Apply'.



Then select the 'ISP Logon Settings' tab, select your normal dial-up connection and enter your normal dial-up username and password. Once done, click 'Apply' and then 'OK'.

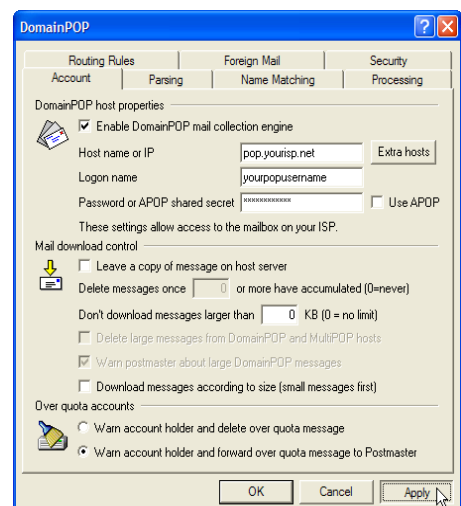


Configure DomainPOP mail collection

IMPORTANT NOTE: you only need to configure this if all email for your domain is delivered into a single 'catch-all' POP3 account by your ISP – if your ISP delivers email directly to your server's IP address using SMTP (recommended) then you do not need to enable MDAemon's DomainPOP collection engine.

Select 'DomainPOP Mail Collection' from MDAemon's 'Setup' menu. You will be presented with the screen shown on the right.

Tick the option to 'Enable...' the engine and enter the appropriate host name, logon name and password details for the 'catch-all' POP3 account at your ISP. Once done, click 'Apply' and 'OK'.



That's it!

You should now have a fully configured and operational MDAemon mail server. The next step is to configure and test an email client on one of your client PCs.

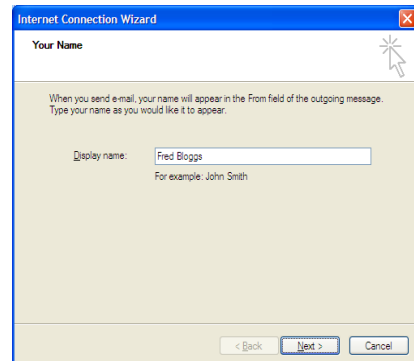
Configuring a client PC

MDaemon allows you to use any standard POP3/SMTP/IMAP software package on your client PCs. The most likely examples however are Microsoft's Outlook or Outlook Express.

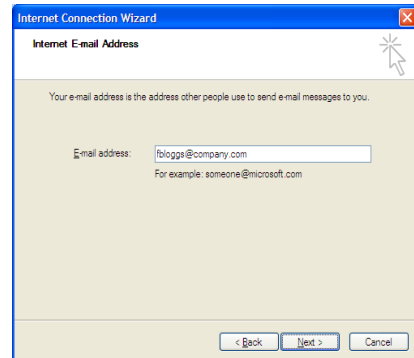
Configuring Microsoft Outlook Express

From within Outlook Express, select 'Accounts' from the 'Tools' menu. Then click the 'Add' button and select 'Mail'.

On the first screen, enter your full name. Then click 'Next'.



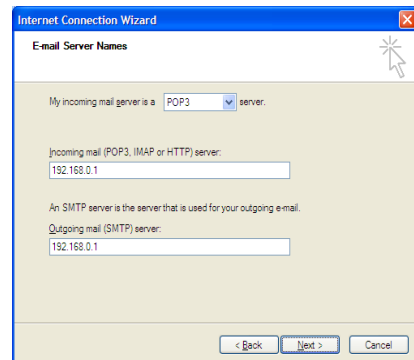
On this screen, enter your email address. Then click 'Next'.



On this screen, you need to enter your MDaemon server's IP address details as it will now be acting as your POP3 and SMTP server.

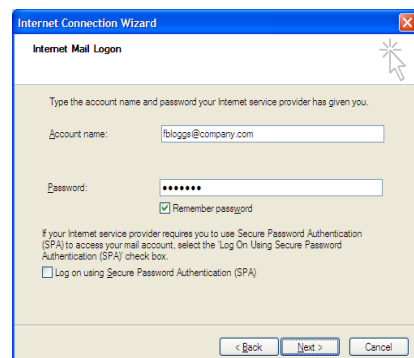
IMPORTANT:

You must replace the '192.168.0.1' addresses in both the incoming and outgoing sections with the IP address of your MDaemon server on your LAN.



On this screen you should enter your user's email address for the 'Account name' and the appropriate password.

Then click 'Next' followed by 'Finish'.



With your first send/receive you should receive a default 'welcome' message from your MDaemon server.

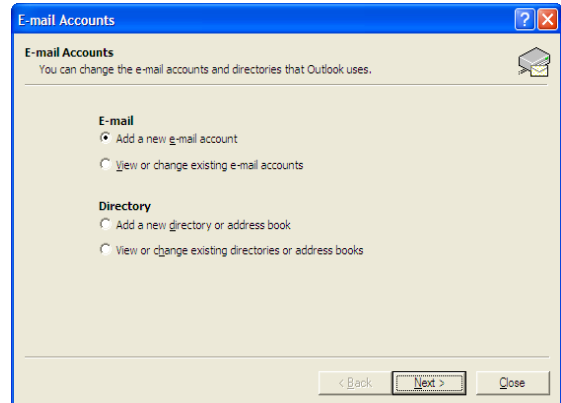
Your first test should be to send yourself an email.

Configuring Microsoft Outlook

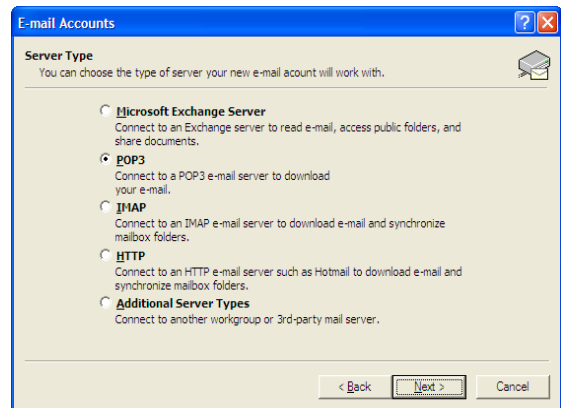
(This is based on Outlook 2002 so may differ slightly from other versions of Outlook)

From within Outlook, select 'E-mail Accounts' from within the 'Tools' menu.

Select 'Add a new email account' and click 'Next'.



Select 'POP3' and click 'Next'.

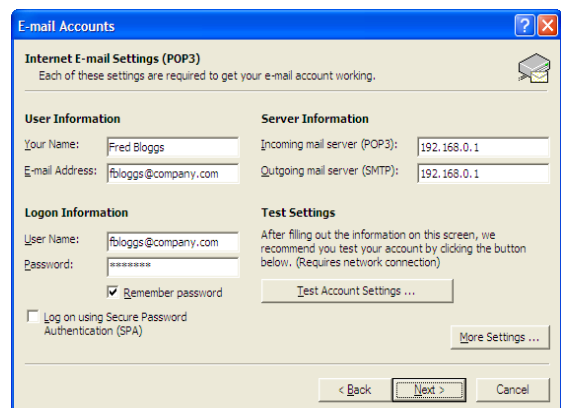


IMPORTANT:

You must replace the '192.168.0.1' addresses in both the incoming and outgoing sections with the IP address of your MDaemon server on your LAN.

Then click 'Next' to complete the set-up.

Complete the process with a test by sending yourself an email message.



Download the manual!

MDaemon is an incredible product with just about every conceivable feature. However, before ploughing into all the features available, please download and take a look through the documentation which you can get from here:-

<http://www.tnz.co.nz/main.php?context=public&path=products-mdaemon-documentation>

What to check if you have problems

Here is a list of key things that should be checked if you experience any problems:-

- If you are on a modem dial-up connection and have configured MDaemon to dial-up automatically as required, check that the connection, username and password settings are correct. You can access these in the 'Setup' menu by selecting 'RAS dialup/dialdown engine'.
- If you are using DomainPOP mail collection, check that you have entered the correct POP3 details for your account at your ISP. You can access these settings by selecting 'DomainPOP mail collection' from the 'Setup' menu.
- If your client PCs are having problems accessing their email accounts on your MDaemon server, check that the IP address you've given for their POP3 and SMTP server settings are correct. Also, check that their account details are correct - don't forget that passwords are case sensitive. Finally, check that you are not running any software on the MDaemon machine that could be blocking connections from other PCs on your network eg. Windows Firewall.

Still having problems?

If you are still having problems with your installation, ring us for support on our UK local rate number which is **0845 058 9058**. Please be sat with your server when you ring us so that we can help you go through the basic settings. In most cases we will have you up and running within a few minutes.



What is WorldClient?

WorldClient is a fully featured webmail interface that is included with MDAEMON. It allows users to access their MDAEMON accounts from any modern web browser such as Internet Explorer.

Accessing WorldClient

WorldClient is accessed by entering the following URL into a web browser on a PC on your local network:-

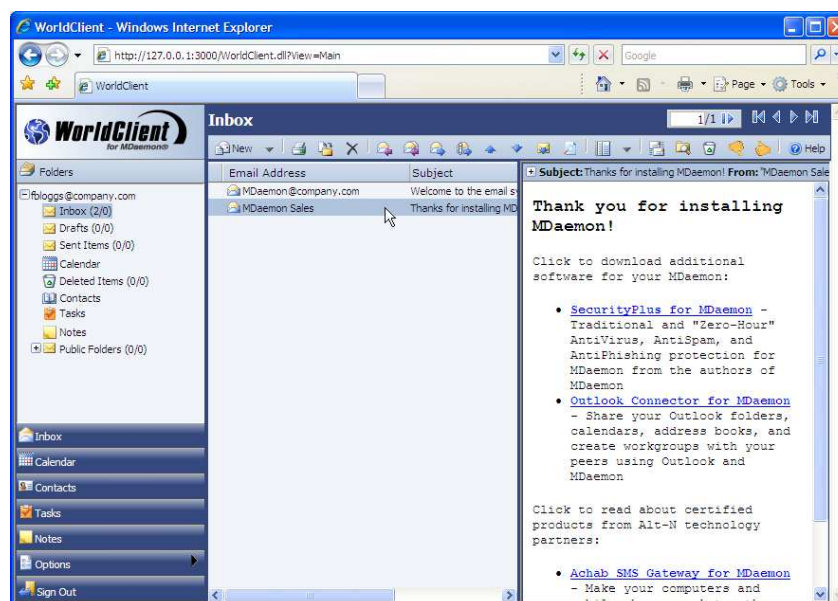
<http://192.168.0.1:3000>

(remember to replace the 192.168.0.1 with the actual IP address of your MDAEMON server on your network)

You will then be presented with WorldClient's log in screen where you should log in using your email address and account password.

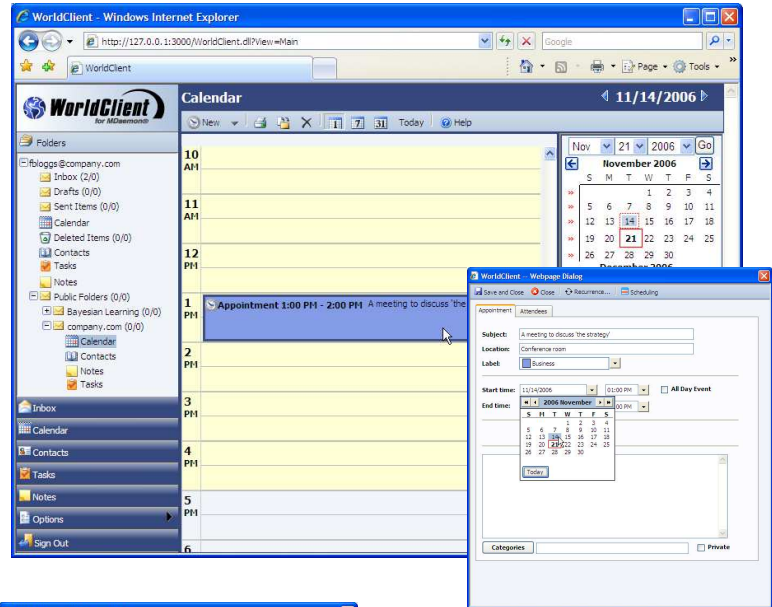


Once logged in, you will see a screen similar to the one shown here (if you are using MDAEMON Standard, the interface will look different).

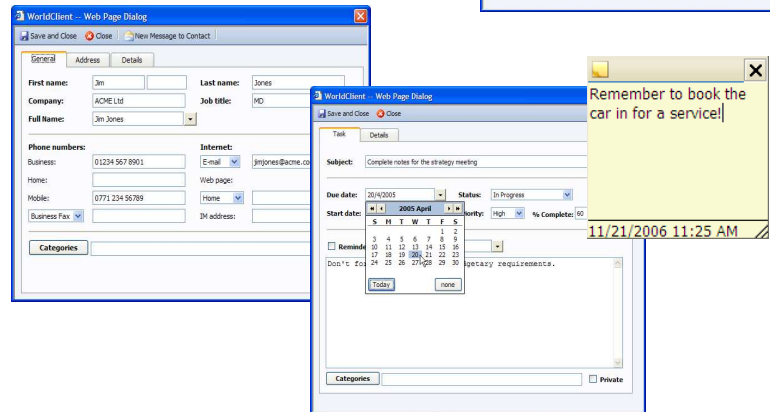


Have a browse around WorldClient's features. As you'll see, its look and feel is very similar to popular desktop clients and is easy to use.

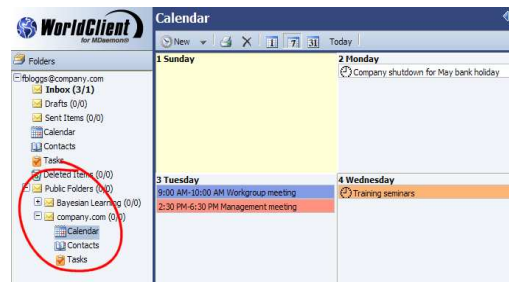
Creating appointments in your calendar is easy with all the usual features being easily accessible...



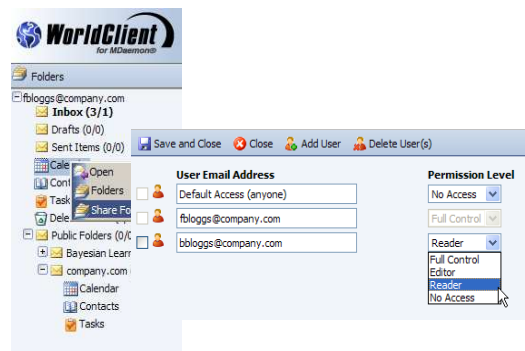
...and WorldClient also offers full support for Contacts, Tasks and Notes folders.



WorldClient users also gain access to centralised 'Company-wide' public folders...



...and sharing folders for other users to gain access is straightforward and secure making MDaemon Pro a powerful groupware solution.



Administering your MDAemon server from a web browser using WebAdmin

MDaemon incorporates a sophisticated web based administration interface - WebAdmin - which provides a powerful solution to managing an MDAemon server remotely. Almost all of MDAemon's settings and logs are made accessible through a secure and easy to use 'Windows-like' web interface.

As well as being a great tool for the MDAemon administrator, limited options are also accessible to domain administrators, list administrators and even normal users.

Accessing WebAdmin

WebAdmin is accessed by entering the following URL into a web browser on a PC on your local network:-

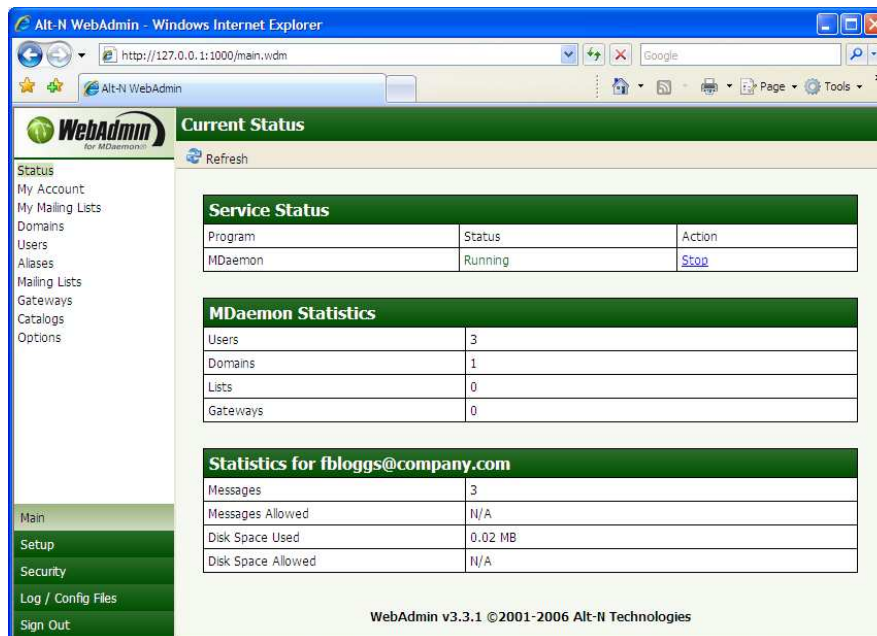
<http://192.168.0.1:1000>

(remember to replace the 192.168.0.1 with the actual IP address of your MDAemon server on your network)

You will then be presented with WebAdmin's log in screen where you should log in using your email address and account password.



Once logged in, you will see a screen similar to the one shown here:-



Program	Status	Action
MDaemon	Running	Stop

Users	Count
Users	3
Domains	1
Lists	0
Gateways	0

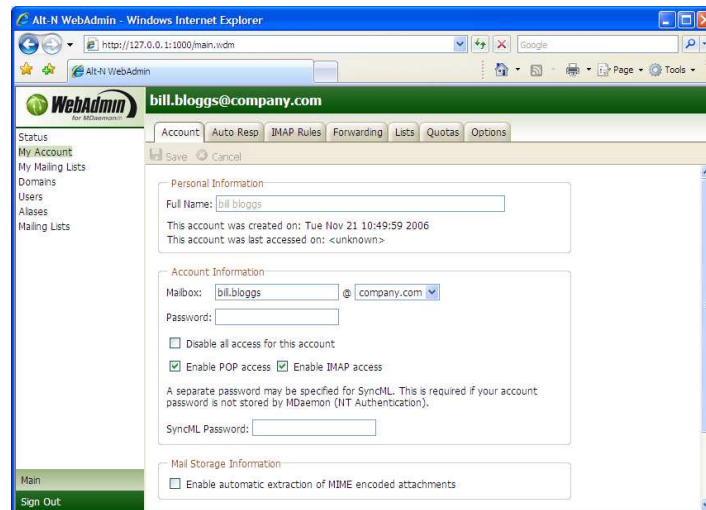
Messages	Count
Messages	3
Messages Allowed	N/A
Disk Space Used	0.02 MB
Disk Space Allowed	N/A

The above screenshot shows what a 'global administrator' would see through WebAdmin. All available options are made accessible through the menus on the left.

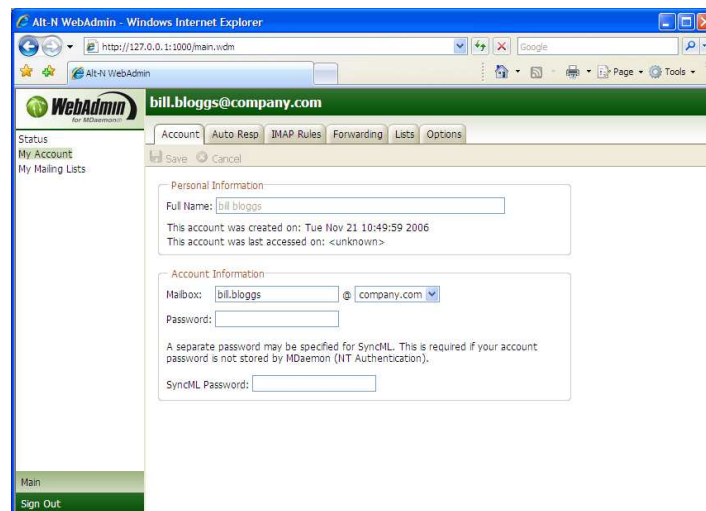
Whether a standard user is classed as a 'global administrator' or 'domain administrator' is controlled in MDAemon under the 'Admin' tab when viewing an account's properties through the Account Manager.

The following screenshot shows what a 'domain administrator' and a standard user would see when they log in.

WebAdmin options available to a 'Domain administrator':-



WebAdmin options available to a standard user:-



The various options available to standard users through WebAdmin are controlled through the 'Web' tab. Note: some of the options on the 'Web' tab are also accessible through WorldClient itself.

TNZ Group LtdWeb: <http://www.tnz.co.nz>Email: sales@tnz.co.nz

Tel: +64 9 521 8039



Accessing WorldClient and WebAdmin from outside your network

The great thing with both WorldClient and WebAdmin is that providing your network has a permanent Internet connection with a static IP address and that you can open up a route through your network firewall/gateway to MDAemon's services, then your users will be able to access their MDAemon accounts from anywhere in the World where they have web access!

Access to MDAemon's WorldClient and WebAdmin services is typically done by configuring the appropriate 'Port Translations' in your gateway router so that packets are accepted by your router on one port and then 'translated' to your MDAemon server internally on the appropriate port.

WorldClient's default TCP port is 3000 and WebAdmin's default TCP port is 1000.

If you are unsure how to do this, you should consult your router supplier and/or ISP.