

Advanced Information

The Windows 95/NT RAS/DUN system is a complex system that can cause endless problems unless you know a bit about the environment you are running, and what dialup networking really means.

It can also vary in its normal operation depending entirely on the particular version of Windows that you have installed - and there are several versions of W95, some with upgrade patches and some "hidden" releases that have all had some effect on the operation of the DUN system !!

Windows 95 (W95 v 4.00.95x)

This is the system with most variations to catch the unwary.....

Points to check for

W95 can be run in two different modes. These modes are accessed from the Control Panel folder. Open the Passwords applet and then select the "User Profiles" Tab.

There are two options at the top of this tab, allowing you to select whether

- a) ALL USERS of the PC use the same preferences (No login to Windows)
- b) EACH USER can use their own preferences (You have to login to Windows)

If you select (a), and then double click on any of your DUN's, you will find that the "Save Password" option on the "Connect To" dialog will have been disabled automatically by Windows. but it can cause you problems when using the DUN system as you will have to enter your password for each connection EVERY time you try to connect with it.

If you select (b), and then double click on any of your DUN's, you will find that the "Save Password" option on the "Connect To" dialog is NOT disabled. Now when using the DUN system you can have your password saved so that it is known EVERY time you try to connect with it.

The (b) option is therefore the one to use by choice.

There is no apparent reason for this limitation in mode (a), but if you really must use this mode of Windows, SmartDUN can handle this problem for you...

Double click on the SmartDUN icon in your system tray, (the green or red phone) and once the Control Centre is displayed, ensure that the Save Passwords option is checked. SmartDUN will then store your passwords for each of your DUN connectoids as you use them in its own INI file, and will check for these each time the DUN system is called. If you uncheck the option, and then use a connectoid, the INI entry WILL BE REMOVED from the INI file again when you next use that connectoid.

In mode (B), SmartDUN supports the same functionality as Windows itself, storing your password in the DUN system itself. It also ensures your password is removed from the DUN system if you uncheck the Save Password option.

NB If you have a network installed and login as a network user on the startup of Windows, the operation of mode (a) appears to vary as well - so you will need to check what your DUN system does in these circumstances.

The user definable Launchpad Control buttons allow you to set the Launchpad to start up to 9 different programs. These are configured from the LaunchPad Settings dialog - accessed from the "Settings" button.

SmartDUN provide you with a full list of all available DUN connections on your PC.

This list allows you to set/change the current default DUN at any time. Just double click on the required entry in the list or use the "Make Default" button just below the list.

Whatever text you enter here will be shown in each LaunchPad Button. If you enter text that is longer than about 12-15 characters, Launchpad will truncate it as necessary so that it fits the buttons in the LaunchPad window of your choice.

The "Closedown SmartDUN" button will terminate the program and remove it's icon from your system tray.

Command line Options

SmartDUN provides full support for command line options (parameters).

The syntax for command line operations is as follows :-

[Drive:][\Path\] SMARTDUN.EXE [0/1, [Name, [Password]]]

eg: SMARTDUN 0, MyFavDun, joeisthebest

Please note the commas after each of the optional arguments....

Would load SmartDUN, and then immediately start a connection using your existing MyFavDun connection. If you do not have the standard DUN system save your passwords SmartDUN would use the password - joeisthebest from the command line.

If the specified DUN already has a password assigned in the Registry, any password you may add at the end of the command line is ignored to provide you with more security.

Parameters

0	-	Tells SmartDUN to connect automatically
1	-	Tells SmartDUN to Disconnect automatically
Dun Name		The name of the DUN you want to use. This is not case sensitive, but if your DUN names contain spaces you must enter these exactly.
Password		The correct password for the DUN you have specified. This IS CASE SENSITIVE .

The "Connect Now" Button will immediately start a connection using the currently selected default DUN. All settings for redial attempts and sync/async will be as shown in the Control Center.

This functionality is the same as that provided when you simply double click the **SmartDUN** tray icon.

The text will change to "Disconnect" or "Connect Now!" as appropriate...

Connecting to your provider

There are three ways that you can use **SmartDUN** to connect to your Internet Provider.

Once you have selected your default DUN, you can use any of the following methods to connect :-

1. To use the default DUN, just double click the **green telephone tray icon** that shows you that you are currently Offline, or.
2. Right click the tray icon and select the "Connect with xxxx" menu option, or.
3. To select a specific DUN, Left click to display the **SmartDUN** Control Centre, select the DUN you want to use, and then click the "Connect Now" button.

Initially the telephone icon turns yellow to show a dial-up connection is in progress. As the connection progresses, the telephone icon fills upwards with red to indicate progress.

Once the connection is completed successfully, the tray telephone icon changes completely to RED to warn you that you are on-line.

Contacting us

Our home Web site :- **<http://www.netcplus.com>**

This site will always have latest versions, FAQ's, fuller information on products etc.

Downloads:- **<http://www.netcplus.com>**

Sales Enquiries:- **sales@netcplus.com**

Registrations:- **olwent@netcplus.com**

General Enquiries:- **info@netcplus.com**

Technical support
Emails to - **support@netcplus.com**
(registered users only)

Tel. Registrations (USA) :- **John (512) 795 8155 (Texas, USA)**
(No support calls)

Tel. Registrations (Other) :- **Olwen +44 01908 698228**
(No support calls)

Business contact (UK):- **Ian Turner (CEO) +44 01908 698228**
(No support calls)

Business contact (USA):- **John Schexnayder +1 (512) 795 8155 (Texas, USA)**
(No support calls)

SmartDUN - THE way to run your DUN's successfully

[What is SmartDUN](#)

[Why do I need SmartDUN](#)

[Command line Options](#)

[Contacting us](#)

[Advanced Information \(passwords and Network use\)](#)

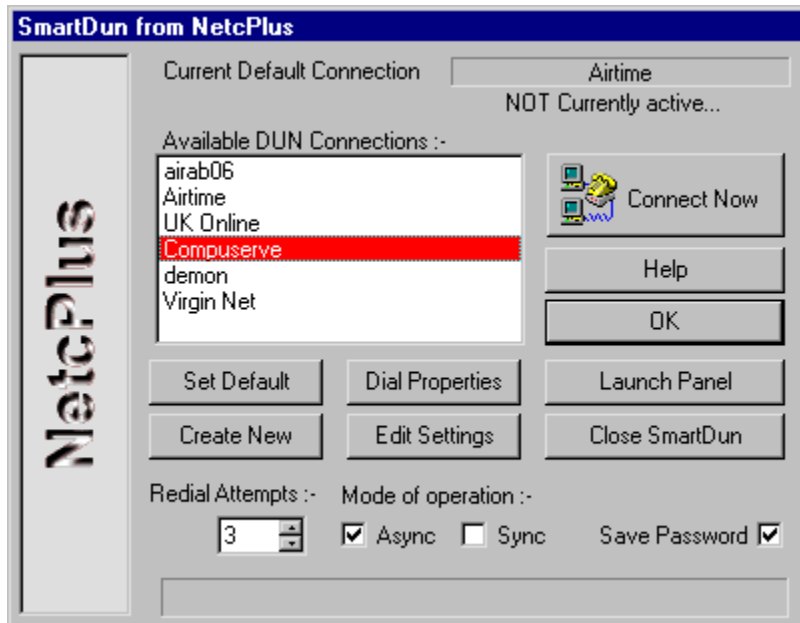
[Connecting to your provider](#)

[Disconnecting a connection](#)

[Registering SmartDUN](#)

[Other products from NetcPlus](#)

Click on the Control Centre Window for further information ...



This panel shows the current online status - Online or Offline

This panel displays the current default DUN Connection that will be used to connect to the Internet if you simply double click the tray icon.

Dial Properties

Edit details of [Virgin Net]

NetcPlus

demon
UK Online
Virgin Net


OK
Cancel
Set Default

CallBack Number

User Name (ID)

Password

Domain



Default DUN is currently [Virgin Net]

Disconnecting a connection

The quickest way is to just double click the RED telephone icon in your system tray.

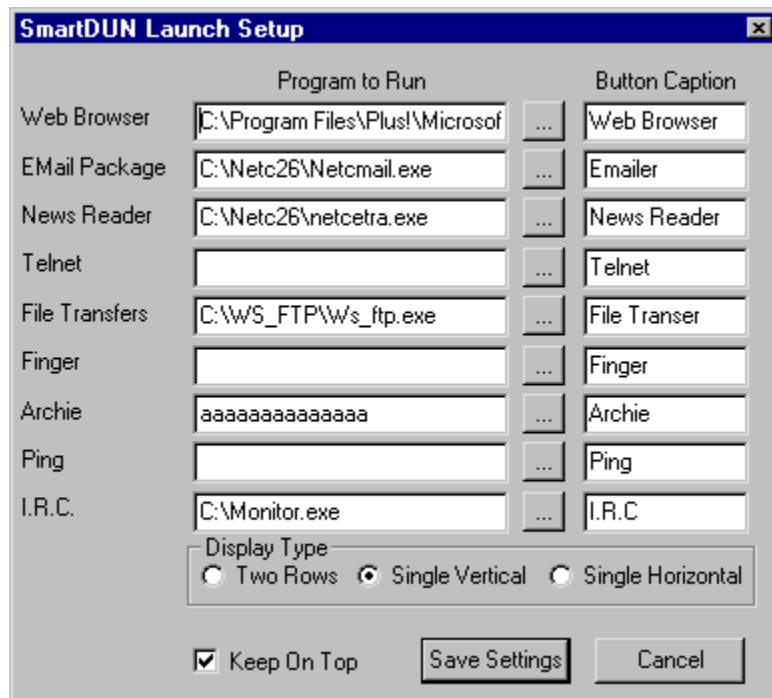
You can also single click the tray icon to display the disconnect dialog. This dialog also displays for you how long your current connection has been active.

Right click the tray icon and select either of the the Disconnect options.

The Help Button displays this Help system for you...

The Keep Ontop option is also available on the LaunchPad bars themselves allowing you to choose how to use your screen area to best effect.

The LaunchPad Settings window



The image shows a Windows-style dialog box titled "SmartDUN Launch Setup". It contains a table with two columns: "Program to Run" and "Button Caption". The table has eight rows, each corresponding to a different function: Web Browser, EMail Package, News Reader, Telnet, File Transfers, Finger, Archie, and Ping. The last row is labeled "I.R.C." in the left margin. Each row has a text field for the program path, a browse button (three dots), and a text field for the button caption. Below the table, there is a "Display Type" section with three radio buttons: "Two Rows", "Single Vertical" (which is selected), and "Single Horizontal". At the bottom, there is a checked checkbox for "Keep On Top", and two buttons: "Save Settings" and "Cancel".

	Program to Run	Button Caption
Web Browser	C:\Program Files\Plus!\Microsof...	Web Browser
EMail Package	C:\Netc26\Netcmail.exe	Emailer
News Reader	C:\Netc26\netcetra.exe	News Reader
Telnet		Telnet
File Transfers	C:\WS_FTP\Ws_ftp.exe	File Transer
Finger		Finger
Archie	aaaaaaaaaaaaa	Archie
Ping		Ping
I.R.C.	C:\Monitor.exe	I.R.C

Display Type
☐ Two Rows ☒ Single Vertical ☐ Single Horizontal

☒ Keep On Top **Save Settings** Cancel

Select the LaunchPad display option you prefer :-
Horizontal display with a row of buttons two deep.
Vertical display with single buttons one above the other.
Two vertical rows which uses the least amount of screen area.

Settings

Loads the configuration dialog where you can specify any/all of the nine programs that can be launched by LaunchPad. You can specify the text for each button, and also choose any of three different styles of Launchpad windows - Vertical Bar, Horizontal bar and Side by Side. See : [Settings Window](#)

Show Normally/OnTop

Allows you to choose how LaunchPad is displayed.

Control Center

Displays the Control Center Window for quick access to your DUN system.

Close LaunchPad

Closes the LaunchPad window, but does NOT close SmartDUN itself.

The LaunchPad button display the SmartDUN Launchpad window that allows you to launch programs, connect/disconnect and generally control your communications system.

See Also : [The LaunchPad](#)

The "OK" Button closes the main window, but leaves SmartDUN running in your system tray ready for use at any time.

Make Default

Sets the selected DUN as your current default .

Dial Properties

Allows you to make quick and easy changes to the User ID, Password, Callback number or domain for any DUN in your system.

Create New

Displays the normal Windows facility to allow you to create a new DUN

Edit settings

Displays the normal Windows facility to allow you to edit the full setup of the selected DUN.

Sync

If checked, each time you perform a connection an information window will be displayed on top of all other windows giving you ongoing status information until the connection has completed satisfactorily.

Async

No dialogs are displayed, and the connection is performed in background.

The Online status panel displays the amount of time you have been on line if you have an active connection when you display the Control Centre.

Other products from NetcPlus

NetcPlus Internet Software offer the following leading edge software to you, the Internet user

SmartMail

The ultimate Email package for any level of user, with true multiple user support built in.

The Lite version is **absolutely free**, but is restricted in its functionality compared to the registered version. You can configure two users in the Lite, and try out many of the features that are in the full package.

The registered version provides 5 users in the basic cost of \$55, and if you want more users, they can be licensed for a small incremental cost per user up to 10 users (eg 5 more users) for users with requirements for more than 10 ten users contact NetcPlus for details of the special rates that will apply.

Other features :-

Add attachments to your message using Drag and Drop from File Manager/Explorer.

Powerful control of received attachments, with Copy/Move facilities and double click execution.

Both POP3 and SMTP mail collection is provided.

Fully offline oriented to minimize on-line time/cost.

Interactive mail collection facility (from multiple mailboxes as well as logged on user)

Mail polling facility (gets a complete list of mail waiting to be delivered from single or MULTIPLE mailboxes)

Proxy mail collection for up to four Email accounts in addition to the multiple users.

Built-in unlimited size editor that supports drag and drop file opening.

Multiple address books can be set up.

Drag and drop address book maintenance.

Full support for the creation and use of unlimited size mailing lists.

Powerful address aliasing feature (known as "Nicknames" in some other products we will not mention here...)

Powerful autoviewer to let you scan your mail quickly and easily.

Instant access to any other configured user, (providing you have the password needed if one was set up).

Mail can be copied between configured user, with attachments of course.

Full support for Forwarding and Resending of mail (with attachments of course)

Automatic switching to other mail hosts (if defined) to send mail if your default server is not accessible.

Built in text search facilities

Built-in Spell checker which provides user dictionaries as well as multiple main dictionaries

Eight user configurable buttons that can be quickly set up to run your favorite applications from within SmartMail.

Full support for "hot" URL clicking to MS Explorer and Netscape.

Each User is fully configurable (fonts/colors/connections/etc)

Full support for the industry standard PGP data encryption is provided (requires normal DOS based PGP to be installed on your computer first, and working....)

Sort mail by Subject, Sender, Descending or Ascending dates.

User definable header lines display

Built in automatic decoding for messages containing Mime, UUencoded, and Binhex attachments

Built in encoding facilities to let you use Mime or UUencoding when attaching binary files.

Automatic support for "Quoted Printable conversion" so that messages that use European languages "high bit" characters are handled automatically.

Immediate access to you favourite Browser, FTP and Telnet packages from the main button bar.

Smart spacebar facility to make checking your mail real easy.

Lots lots more.....

NetcGold

The ultimate in combined Email and News packages.

As in SmartMail, true multiple user support for both Email and NNTP news systems.

Includes all the features shown above in the Mail system, plus the following great news reader features.

Full color support for Seen/Unseen messages

Icons to show which articles are marked for retrieve etc....

Full support for Watch, Keep, Retrieve, auto marking Seen/unseen.

News articles can be downloaded by date if required

Multiple news servers can be configured

Automatic server retries when News servers are busy.

Smart spacebar facility to make reading your news real easy.

Full Purge facilities

Powerful Kill file system, including "Collect only IF ARTICLES contain" feature.

User definable header lines display

Sort news articles by Subject, Descending or Ascending dates.

Powerful navigation thru unseen articles alone that lets you quickly check any new stuff without having to wade thru all your news.

All systems

All NetcPlus packages are highly configurable, allowing each configured user to use the facilities they want without affecting other users settings.

You can upgrade from SmartMail to NetcGold at any time, and continue to use the mail in your original SmartMail system.

NetcPlus offer UNLIMITED technical support (by Email) to all registered users on all software packages.

You can configure **SmartDUN** to automatically redial for you when problems are encountered such as a busy line.

Set the counter value to the number of redial attempts you want to have performed automatically before **SmartDUN** will abort the connection attempt.

Registering SmartDUN

SmartDUN is distributed as shareware to let everyone discover its power and flexibility.

The cost of registering your copy is only \$24.50, (£15 + VAT in UK) and once registered you will be provided with information on updates, technical support (by Email) will be provided, and you will be offered preferential prices for future upgrades.

See Also: [Registration form](#)

Registration form

I wish to register my copy of Smart DUN 1.00

Please enter cardholders details below....

Name:

Street:

Area:

Town:

City:

Zip/Postcode:

Country:

(Please tick or use "X" on card type below)

Please debit my credit card

MasterCard

Visa

American Express

with the sum of \$24.50 (£15 + VAT in UK only)

Card expiry Date :

MM/YY

Card Number:

You may Email this form or any other means of ordering to:-

sales@netcplus.com

Telephone orders (UK only)

01908 698228

Telephone orders (Other)

+1 (512) 795 8155 (Texas, USA)

Technical support (registered users only) email to **support@netcplus.com**

Thankyou for registering [SmartDUN](#), we appreciate your support....

The Save Passwords check box allows you to decide if you want to maintain the security of your connection passwords in the same way as the normal MS Connect dialog.

If this is checked, the passwords will be saved in the normal way, but if it is unchecked, **SmartDUN** specifically clears your password from the system registry whenever you run any of your connections, ensuring the security of your connection(s)

These buttons display the standard "Open File" dialog so that you can locate and select ANY executable program you like to be run from a LaunchPad button.

Save will save any changes made to the entries on this window.
Cancel will discard any changes made.

The fields above are used to specify the Programs to be executed when you click that button on the Launchpad. To the right of each field is a Browse button to let you search for EXE files, and to the right of that is the field in which you enter the text to be displayed on the button itself.

The LaunchPads

Click on Images for more information :-



What is SmartDUN

SmartDUN is a very powerful control system that lets **you** take control of your Windows 95/NT4 RAS/DUN system. This allows the many Internet users who have more than a single DUN configured to access and configure/switch between DUN connections very easily.

It allows you :-

1. Switch between DUNs rapidly.
2. Disconnect **SmartDUN**'s default DUN quickly and easily.
3. Disconnect whatever DUN is currently active quickly and easily.
4. Change the settings of any DUN.
5. Create a new DUN directly using the MS Windows Properties tab.
6. Select and Connect to any of your available DUN's directly from **SmartDUN** main window.
7. Set up **SmartDUN** so that your DUN's will redial automatically xx times.
8. Run a connection process in synchronous or Asynchronous modes to match the needs of your applications.

If you are worried about the security of your DUN password(s), you can specify that **SmartDUN** does NOT SAVE the passwords in the same way as the Microsoft DUN "Connect To" dialog. If you choose this option **SmartDUN** will let the DUN system prompt you for the password when ready, and it will ensure that the password is NOT SAVED to your registry.

However, If you do check the Save Password option, **SmartDUN** will ensure the password IS SAVED to your registry so that you do not have to enter it again.

What this means is that if you decide you want to hide your password to stop other using your account with your ISP, you simply uncheck the Save password option on the main **SmartDUN** window, and then use that DUN to connect. **SmartDUN** WILL ERASE your password in the Registry as soon as the connection is made, or even if you cancel it part way thru....

If you pause your mouse cursor briefly over the tray icon when you have an active connection, you will see a message telling you how long the connection has been active. If you do not have an active connection, the message simply tells you the system is available for you to use....

SmartDUN is also fully integrated into the W95/NT4 versions of both NetcGold and SmartMail, the best multiple user Email packages around today.

Why do I need SmartDUN

The Windows 95/NT4 RAS/DUN system is a powerful dialler system that allows you to interface to the built in "Winsock", which is the essential bit of functionality that allows us all to connect to the Internet today.

However, many of us have a need to connect to different virtual pops, or perhaps we subscribe to more than one ISP. In these cases we have to create multiple DUN's. However once we have done this most Internet software does not allow us to change our minds easily about which connection we want to use. Many do not provide built in disconnection facilities so that we have to search for the various dialogs and find the disconnection button before we can disconnect our telephone lines.

SmartDUN overcomes all these problems in one small, tray based program that sits there quietly waiting to do your bidding....

When you want to connect to use you Email package, or web browser or any other Internet software, you can simply double click the telephone tray icon and you will shortly be on line with no fuss.

