# *Welcome to IriSearch Pro 2000*

IriSearch Pro is an extremely sophisticated tool, it manages Image Capture, Photo Storage, Client Details, Condition Stage Reading and a great Reporting System which includes suggested Herbs, Homeopathics and Supplements for underfunctioning organs.

IriSearch Pro provides photographic tools to enable enhancing of less than optimum image captures.

IriSearch Pro also offers valuable resources of benefit both to practitioner and student. This program can be used with Naturopathic Technologies Digital Iriscope or stand-alone.

# Contents

# Important Notice - Please Read Immediately

## System Setup

Your NT Digital Iriscope has been pre-set for maximum performance and functionality - no additional procedures or settings are required to be configured or modified by the user. If any system setting is changed, Naturopathic Technologies can assume no responsibility for any system degradation or failure. All critical system settings are provided should you require to reset them for any reason.

## Cable Setup

Your system comes with instructions on how to cable up the iriscope. The procedure is the same as cabling up a standard computer with the addition of setting up the video camera. If you do not feel confident with cabling up a computer, we suggest you call in your local computer technician to do it for you. Otherwise we can take you through the procedure step-by-step over the phone.

## Warranty

The system comes with 12 month manufacturers return-to-base warranty as standard. If you have a hardware system failure, contact your service agent. The warranty does not cover user damage, configuration problems or software issues.

## Training

Naturopathic Technologies can offer training at our office in Melbourne and some other capital cities. Please call for further information.

## Hardware Setup

We can assist with any hardware issues on-site anywhere in Australia. Any requirements that are outside of the warranty agreement can be resolved with a technician for a negotiated fee.

## Other Software

Naturopathic Technologies cannot assist with the installation, operation or training with software other than that we supply. If you are new computer user and unfamiliar with Windows or other software, we suggest you pursue information and training at a local T.A.F.E. or other college, or from tutorial books or videos. We can however, offer you video tutorials on Windows and other Microsoft products. Call for further information.

# *Installation of IriSearch Pro*

If you have purchased an NT Digital Iriscope, IriSearch Pro has already been loaded for you. Please skip this section.

Make sure you have Window 95  or later loaded on your computer as your operating system.

Insert the IriSearch Pro CD into your CD-ROM drive. The CD is auto-start and will automatically run the install program. Follow the prompts to install the program.

The first time the program is run a random code will be generated.  A dialog box will be displayed each time you run the program until an access code is typed in.
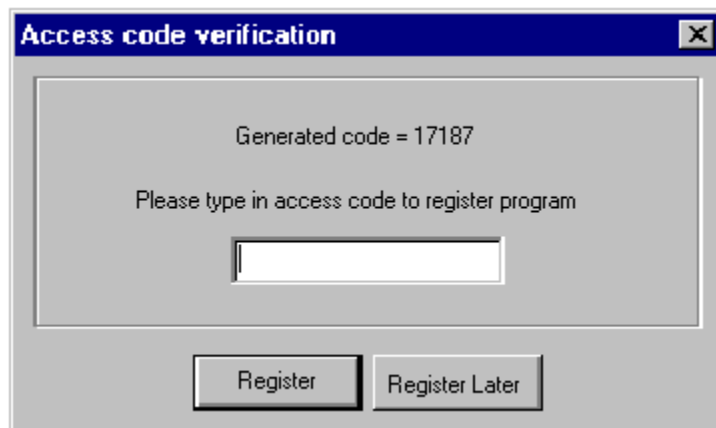


You must now type in an 8-digit access code to match the code generated. The supplier of this software will provide you with this access code. The program will allow you to type the code in at a later time. You must type in the code before a period of one month from your installation date. Once a valid access code is typed in this dialog box will no longer be displayed. If the code is not entered within a month, the program will cease to operate.

# *Installation Problems*

If problems occur during installation re-run the install program. Make sure all other applications are closed when installing. If problems still occur, contact your vendor.

# *Minimum System Requirements*

Personal Computer with a Pentium III 800 Mhz or higher processor.
Microsoft Windows 98, 2000 operating system.
64 MB of memory.
Once CD-ROM disk drive.
Microsoft Mouse or compatible pointing device.
25 MB of free hard disk space.

## *Recommended*

Personal Computer with a Pentium III 1.0 Ghz or greater processor.
Microsoft Windows 2000 operating system.
128 MB of Memory.
16 or 32 Bit colour.
1024 x 768 screen resolution.
52 Speed CD-ROM.
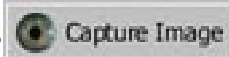
# *Quick Start User Manual*

This is a quick start guide for first time users to give you a brief explanation of what is needed to get you up and running.  Please read each step first before proceeding.  For a more comprehension guide to each menu item, and the use of the toolbar and other functions, read the latter section of the manual. For a thorough description of how to use certain functions, please read the *Tutorial* very carefully.

1.  Run the IriSearch Pro program by double clicking on the IriSearch Pro icon or selecting from the Start/Programs/IriSearch Pro group.

2.  Load a picture.  This can be from clipboard or a file on disk or a direct capture from a camera.

## *Image Capture*

3.   To capture an image from the NT Digital Iriscope is a simple process and requires only a few steps. With IriSearch Pro up and running perform the following steps:

Click the Camera icon on the *Buttonbar*.

Or using your info box, select the capture Image box.

Please Note: if you can't see your information box to the right hand side of the screen, select **Window|Show InfoBox**.

This will open the live video window to capture your image.

> With your client sitting comfortably in the stand, turn on the lights at a level bright enough to illuminate the eye. Focus the camera with the rack and pinion to obtain a sharp image.

> When you are satisfied with the image sharpness turn up the lights to a level that illuminates the eye sufficiently.

> Select, **Freeze** image, then close the image capture window,and **paste** into IriScan 2000. Please Note: These few steps may differ according to your capture card.

> Choose **Edit|Paste** or simply click on the paste icon     to paste your image from the clipboard into IriSearch Pro.

Proceed through the above sequence for the next iris.

The capture window is used in exactly the same way to capture all photographs. If you have a microscope or other camera supplied by NT, the procedure is the same. If you have multiple video sources coming into your instrument, you will have a *Switchbox* to switch between the devices.

IriSearch Pro will allow you to capture any body part including the tongue, live-blood, tissue and you can also capture clients x-rays, ultr and CT scans if you have a light box.

Contact NT of you have any queries on equipment if you wish to capture photographs from other sources.

# Quick Start User Manual

## Saving Your Photographs

4.     You will need to set up a folder structure for your photographs. The _IriSearch Pro Client List_ can help you with this. See Client List for further details.

Once you have captured your photographs, it is best to save them immediately. To do this, select the following:

Choose **File|Save As** from the menu or click on the Save icon

The _Save As_ window will display and you will be prompted for a filename. Enter the filename and click the _OK_ button.

It is also a good idea to tag your files with a label for left and right. You may include the whole word or just the first letter.

## Opening a Saved File

5.     There are two ways to deal with files; have _Client List_ organise your files for you or do it manually. We will do it manually first; it is useful to know how to do this, as you may want to set up specific folders for some of your work. To open manually do the following:

a)  Select **File|Open** in the menu or click the _Open_ icon.

b)  The _Open File_ window will be displayed with a list of your files.

c)  To see a _Thumbnail_ image of a file, click on the file to highlight. This will give you a _Thumbnail_ in the window to the right of the screen. To see an enlarged view, click the _Magnifier_ icon on the top right hand corner. This will display a larger image for you to preview.

When you have located the file you want, either click on the filename or type the file name and then click the _OK_ button.

## Select a Chart

6.   Select the chart you wish to load. This selection is made from the _Chart Menu_.
Choose _Select_ and click on the chart you wish to use.
Different chart overlays are available depending on the configuration of the software that you have purchased. The principle is the same with all overlays.

Now load an overlay. This can be done either from the _Chart Menu_ or by selecting the _Load Overlay_ toolbar icon.  There are two commands, one for left eye and the other for the right eye. Select the one you want.

 Now you need to adjust the eye overlay to fit the eye image.  There are several steps involved in this. We will go over each one.  Notice that there are three rings displayed. The outside ring must be adjusted to the outside of the iris.  The inner-most ring is to be adjusted to the pupil. The middle ring is to be adjusted to the stomach zone. If you have purchased "The Iridologist" and are using the Integrated Iridology Chart, there is a fourth ring. This is to be fitted to the Collarette (ANW).

# *Quick Start User Manual*

First, move the entire overlay so that the **outer** overlay ring is located centrally over the iris.  To do this move the mouse pointer to approximately the centre of the overlay.  Press and hold the mouse button and drag the overlay to the desired position.  Notice the overlay will move wherever the mouse moves.  Drag it until the outer ring is centered over the iris. Once you have moved it to the correct position release the mouse button.  Don't worry about the inner rings for the moment we will adjust those later.

7. Next we need to enlarge/reduce the size of the outer overlay ring so it is the same size as the periphery of the iris. To do this, move the mouse pointer to anywhere on the edge of the outer ring. Press and hold the mouse button and drag the outer ring until it is the same size as the periphery of the iris.  Once you have moved it to the correct position release the mouse button. Now check again that the outer ring is central, if not go back to step five and re-adjust the centre.

8. Now we are ready to adjust the inner ring.  First, we need to make sure that it is central.  If not, we have to do what is called an offset adjust.  This is to offset the inner ring without moving the outer ring. This is required, as the pupil is not quite central in the iris.  To go into offset adjust mode we need to select the Chart|Offset Centre menu command or select the Offset Centre icon on the *Toolbar*.  Once activated move the mouse pointer to the centre of the overlay.  Press and hold the mouse button.  Now drag the overlay so that the inner ring is in the centre of the pupil.  Once this is done release the mouse button.  Now we must deactivate the offset adjust mode.  This is done by selecting Options|Offset Centre menu command or the Offset Centre icon on the *Toolbar* again.

9. Now we need to adjust the size of the inner ring to match the size of the pupil.  This is done in the same way as we adjusted the size of the outer ring.  Move the mouse cursor to anywhere along the edge of the inner ring and press and hold the mouse button.  Drag it to the correct size and release the mouse button.

10. Now we can adjust the size of the middle ring or the stomach zone ring. Use the same procedure as adjusting the inner ring.

11. Next fit the ANW ring (Integrated Iridology Chart only).

Now we have finished adjusting our overlay.  If any of the overlay is not correctly adjusted repeat the appropriate step above.

To make sure our overlay will not accidentally be moved we should lock it in place.  To do this select the **Chart|Lock Overlay** menu command or the Lock Overlay icon on the *Toolbar*.

Now we can begin our analysis.  The chart is now ready for use. There is an *Info Box* on the right hand side of your screen. This contains information about the current file as well as chart information. If the Info Box is not open, select **Window|Show Info** from the menu.

# *Quick Start User Manual*

When you move the mouse pointer round the chart, you will notice a few things happening.

**1.    Current Location Intensity.** This provides information on the colour breakdown of the area that you are currently pointing at. The letters on the left hand side represent the primary colours Red, Blue, Green and "I" stands for Intensity. On the right hand side are the complementary Cyan, Magenta, Yellow and "K" stands for Black. Under these figures is a sample block of colour that represents the colour of the current location. More on colour sampling later.

**2.    Co-ordinate.** This section gives the x and y co-ordinate of the current location. If any measurements are made, they are recorded here. More on measurements later

**3.    Analysis.**  This section provides three bits of chart information, the current *Location* of the mouse pointer, the *Condition Stage* of that location ie. *Nomal*, *Acute*, *Sub-acute*, *Chronic*, *Degenerative* and the *Stomach Zone* condition ie. *Nomal*, *Mild Hyper*, *Hyper*, *Mild Hypo* and *Hypo*.

**4.    Chart.** This section identifies what the current chart is set to and if there is any rotation.

Any chart that you have loaded may be rotated. This is particularly useful if you have the "Time Chart" and doing a Time Risk Analysis. To rotate the chart, choose **Chart|Rotate** from the menu or click the *Rotate Chart* icon on the *Toolbar*. To set the rotation factor, click the up or down arrows next to the *Rotate Chart* entry box. Alternatively you can enter the factor you wish to enter. A negative number will rotate the chart anti-clockwise and a positive number will rotate clockwise. The chart rotate function rotates in degrees from 0 to 360. If you wish to rotate by minutes, 6 degrees = 1 minute.

## *System Charts*

System charts have been provided to show the body system components on the chart, along with a system graphic showing the relative areas in an anatomical chart (note: this function only works with the America Chart loaded). This is useful to show the relationship between the iris and the body, whether for yourself or your client. To chart a system, do the following:

a)    a)    With the American Chart loaded select **Chart|Body System** or the *Body System* icon on the *Toolbar*. This will display a list of systems.

b)    b)    Select the system you wish to display. The chart will now block the components of that particular system and display an anatomical chart on the *System* page in the *Info Box.*

c)    c)    To see the iris parts within the current system, select **Chart|Reverse Blocking** or click the *Reverse Blocking* icon on the *Toolbar*.

There are two views available to any chart, *Full and Minimum*. The default mode is *Minimum*. If you wish to view the chart in its entirety select **Chart|View|Full** from the menu or click the *Full/ Minimum* icon on the *Toolbar*.

This view is also available when body systems is on.

## *Other Charts*

Other charts supplied with the software include *Zone*, *Sector* and *Psychological*. These are trivial but can be useful to the student or to graphically show these concepts to clients. The method for loading these charts is the same as above.

# IriScan 2 0 0 0

## IriSearch Pro 2000 (IriScan Enabled)
# Using the Client List

We suggest that you edit your client list before your client is seated and in consultation. To do this follow this easy steps:

Click on the **client list** button on the toolbar. You will notice the following screen.
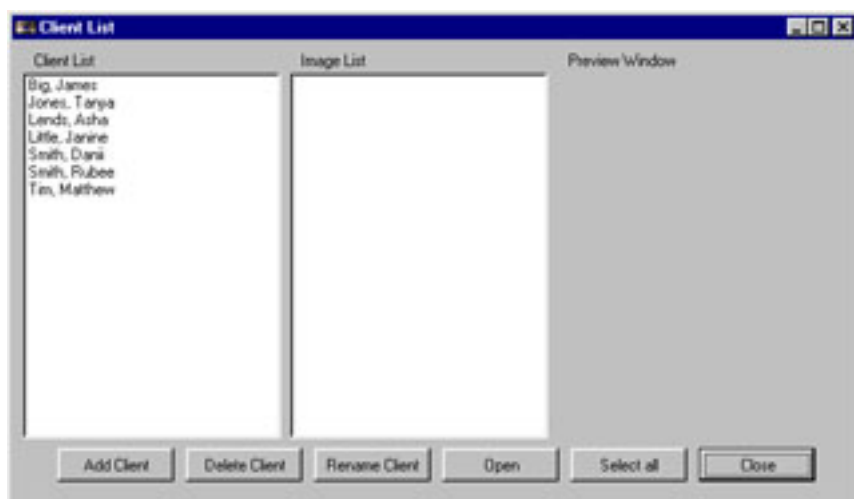
To add a new client, click on the **add client** button, type in your client's name and click close. You have now created a folder for your client in which to store thier images.

Please refer to the quick reference manual to capture the image, select the correct chart overlay and how to place it on your image correctly.

Your next step is to save your image into your clients folder that you have previously created. To save an image into our client list, simply click on **File**, **Save**. The following window will appear:
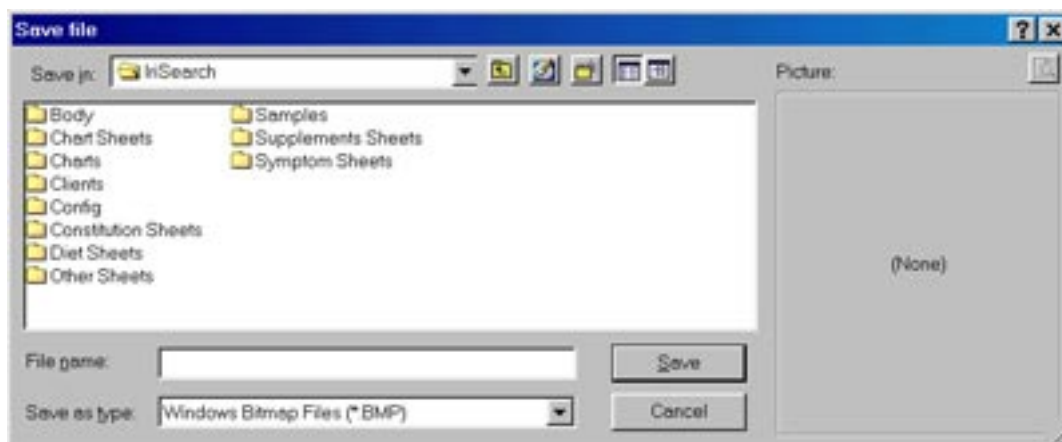
# *Using the Client List*

You should be in the **IriSearch Pro** directory. You can check thos by looking at the top of this dialogue box, and look at **save in**.
If you aren't click on the drop down **arrow** to the right of this window and choose **c:** now select **Program Files**, and finally **IriSearch Pro**.
You will notice various folders here, you need to select the **Clients** folder.
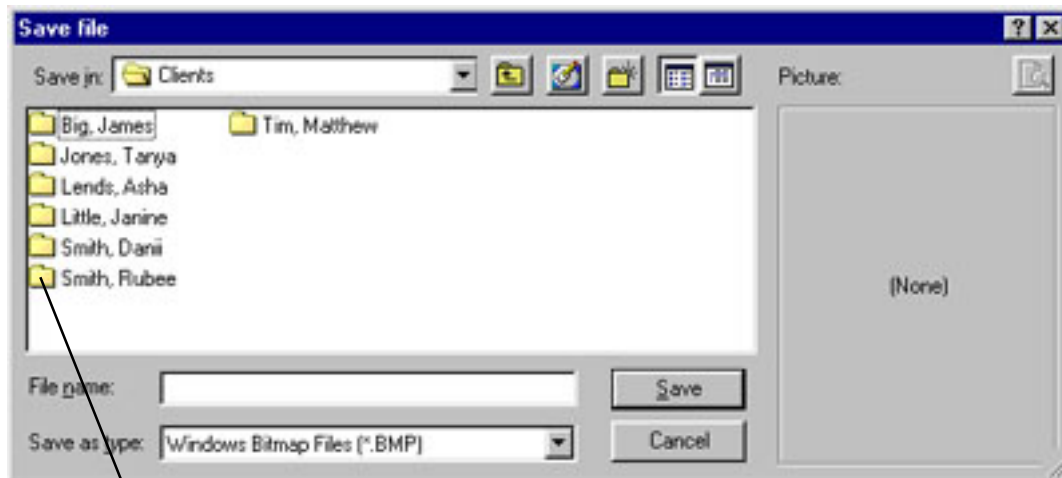


All the clients that you have entered in the **add client** list will appear as folders here.

**Double click** on a folder and **save** the image in the clients folder. (I have clicked on Smith, Rubee). Be sure to click only on the folder beside the name, otherwise you might rename the client accidently)
You will notice any other images that you have saved previously, for this client appear hear in this folder.
Type in the appropriate details in the **file name** and click save.Now if we click back on the client

list button  we will be able to see this image in the client list.

Click on the image you wish to display and you will be able to see a preview in the **preview window.**
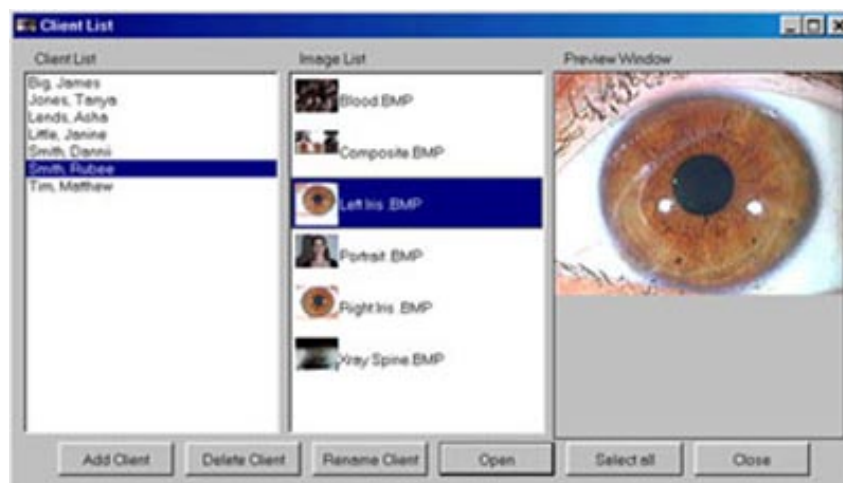
# Quick Start User Manual

## Start Analysis

**STOP** Before you begin please ensure that your screen resolution is on 800 x 600 pixels, although IriScan runs best at 1024 x 768 pixels. (This setting is an absolute must for practicioners that have recently purchase an iriscope or thoes that have installed the quality upgrade)
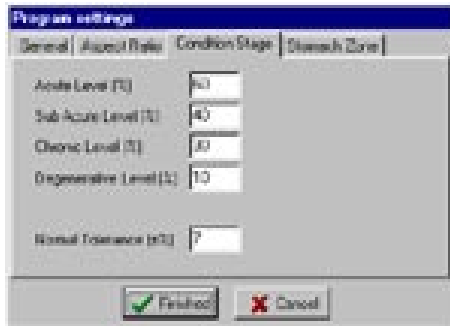
To make sure that your automatic scan is as accurate as possiable, if you are capturing a brown eye be sure to change the normal tolerance level. To do this select File - Settings - Program - select the Condition Stage, and change the normal tolerance level to 7. For all other lighter irides keep this level on 10.

Be sure that you have selected the American Chart, you can check this by going to the **chart** menu - **Select Chart** - **American**.

You now need to load the left or right **chart overlay**, and lock it in, you will now notice that the **Start Analysis** button on the info box has now become enabled.
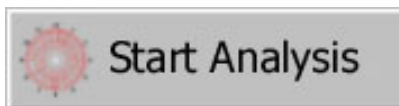
Now click on the Start Analysis section to begin the automatic scan process.

Now watch before your eyes as the automatic scan process begins.

You need to decide if you are going to select each body system **individually** or as a **group**.
If you wish to be selective and only chose one or two body systems, use **>As Group**.
Otherwise to select all the body systems, use **>> As Group**, which selects all body systems and elements.
If you have made a mistake and wish to eliminate any body systems in the scan select the item in the list and use the **"<"** button.

Now click on the **Analyse Iris** button.

The automatic scan function will go through each body system and analyse each element, putting them into five categories, acute, normal, sub-acute, chronic, degenerative.

# *Quick Start User Manual*
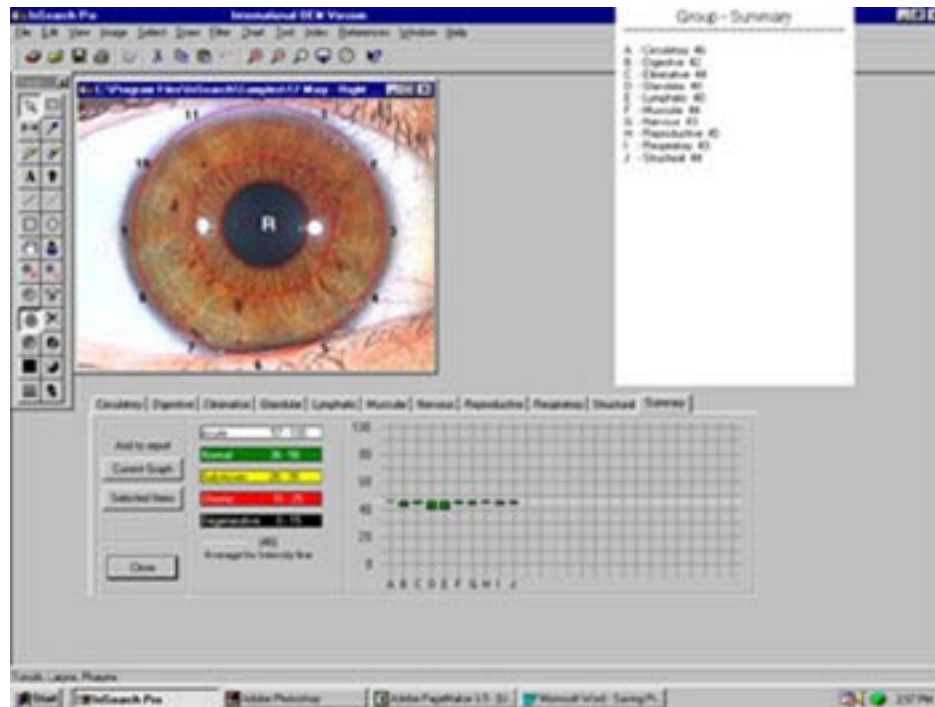


Previously we had to click on the get sample button to get an **average iris intensity**, this is now done with the automatic scan function.
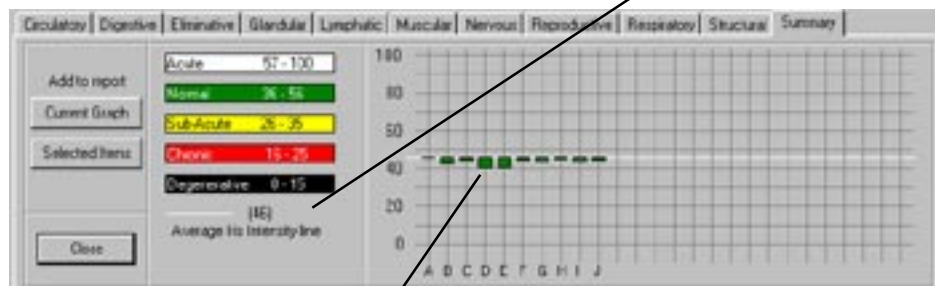


You will notice that each tab shows a different body system, and within these tabs, are the elements for the body system. This graph is linked up to your **comprehensive report**. (Please make sure that you have selected the comprehensive report under the **windows** menu, **report type** - **comprehensive**.)

To select the individual elements that you have concern with, simply by using the mouse either click on the actual **graph**, or select from the **notepad** to the right of the screen. You will notice if you select from the graph, this element is then highlighted on the notepad and vice versa. If you have accidently clicked on an area that is no concern to you, simply by using the mouse, click on the element again until it isn't highlighted.

# *Quick Start User Manual*

Now click on the selected items, to add to the report. You can also add the current graph to the report as well, or you may wish to add only the summary graph. A message will then come up asking you to **confirm** this action, select **OK** to view your report.

You can now click close, when you have selected all your information.

(Please note you can still click on the iris if there is any particular area of concern to you, and this will go directly into the report.)



Now click on the **report button** on the info box, this will open up your client report. Alternatively you can choose **windows** menu, **show reports**. You will notice your clients name, date and time at the top of the page, followed by the image that you have saved.
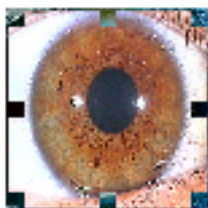


You may need to adjust the images pasted here. If you wish to change the size, just click on the image so that in the corners there are little black squares, using the mouse drag one of the square corners out to the size you wish.



The client history button takes you to your client database, to store all their personal data.

# Quick Reference for Menu Commands

Below is a quick reference to all the menu items of the Iridology program.

## File Menu

The File menu provides commands for creating new files, opening existing files, saving files, printing files, setting up your program and exiting the application.

| | |
|---|---|
| **Client** | Select the name of a client to open. |
| **Client Record** | Opens the client record database. |
| **Open** | Open an existing image file. |
| **Close** | Close the current file. |
| **Save** | Save the current file, if its contents have changed. |
| **Save As** | Save the current file under a new name. |
| **Revert** | Reload image from disk status, destroying any changes that have been made. |
| **Save Copy** | Save a copy on an existing file. |
| **Import** | Import an image into the program. |
| **Templates** | Loads the template control window. |
| **Page Setup** | Set page characteristics for printing. |
| **Print** | Print the current file. |
| **Print Preview** | View a sample printout of the current file. |
| **Settings** | Choose your settings for the program |
| **Exit** | Exit Iridology application. |

## Edit Menu

The Edit Menu provides commands to access the clipboard.

| | |
|---|---|
| **Undo** | Undo the previous operation. |
| **Cut** | Move image from current window to the clipboard. |
| **Copy** | Copies image from current window to the clipboard. |
| **Paste** | Move image from the clipboard to new window. |
| **Paste Into** | Pastes an image from the clipboard into the current image. |
| **Clear** | Clear the image from the display. |
| **Crop** | Keep selected region of an image. |
| **Purge** | Remove unneeded information from memory. |

## Image Menu

Adjust and set properties of the current image.

| | |
|---|---|
| **Adjust** | Change colour properties of the image. |
| **Duplicate** | Create a duplicate of the current image in a new window. |
| **Stitch** | Joins 2 images together into one new image. |
| **Hemispherical Stitch** | Same as Stitch but with selectable orientations. |
| **Image Size** | Change the size of the image object. |
| **Image Canvas Size** | Change the size of the canvas upon which the image is drawn. |
| **Image Rotate** | Rotate the image. |
| **Image Flip** | Flip the image on its axis. |

# Quick Reference for Menu Commands

## View Menu

The View menu provides commands to change the way the image is viewed.

| | |
|---|---|
| **Normal** | Set image to normal view (100%). |
| **Zoom In** | Zoom into the image. |
| **Zoom Out** | Zoom out from the image. |
| **Zoom to Selection** | Zoom into a selected region of the image. |
| **Zoom By** | Select a percentage to zoom in or out by. |
| **Full Screen** | View image at full screen. |
| **Show Grid** | Overlay a grid on the image. |

## Select Menu

The Selection tool allows you to define all or part of an image for any additional processing.

| | |
|---|---|
| **All** | Clear marquee and select the whole image to work upon. |
| **None** | Clear all selected marquees. |
| **Inverse** | Make the active selection the areas around your marquees. |
| **Region Shape** | Change the shape of the marquees that you draw to one of the following: Rectangle, Ellipse, Rounded Rectangle, Freehand. |

## Draw Menu

The Draw menu enables you to select drawing functions and configure how they will operate on your images when used. Functions are also included which allow you to annotate your images to suite your own personal style.

| | |
|---|---|
| **Mode** | Select the mode that the mouse pointer will funtion in. |
| **Freehand** | Draw freehand graphics. |
| **Line** | Draw line graphics. |
| **Square/Rectangle** | Draw a rectangular graphic on your image. |
| **Circle/Ellipse** | Draw an elliptical graphic on your image. |
| **Fill** | Determines whether shapes that you draw will be filled with a colour or left clear. |
| **Text** | Type text notes on your image. |
| **Arrow** | Draws an arrow in variable sizes and colour. |
| **Erase** | Erases any part of the image that your trace. |
| **Colour** | Selects the colour to work with. |
| **Line Thickness** | Selects how thick lines will be drawn. |
| **Arrow Size** | Selects the size that arrows will be drawn. |

## Filter Menu

| | |
|---|---|
| **Sharpen** | Sharpens an image or selected part of an image. |
| **Noise** | Removes dust and scratches from scanned images. |
| **Blur** | Softens or blurs an image or part of an image. |

## Chart Menu

| | |
|---|---|
| **Select** | Provides a list of overlay charts to select from. |
| **Overlay Right** | Loads the currently selected chart for the right iris. |
| **Overlay Left** | Loads the currently selected chart for the left iris. |
| **Offset Pupil** | Allows you to offset the inner ring (pupil ring). |
| **Rotate** | Allows chart rotation either clockwise or anti-clockwise. |
| **Lock** | Locks the current chart into position. |
| **Clear** | Removes the current chart from the image. |

# Quick Reference for Menu Commands

**View**     Switches the chart view between minimal and full .

**Body System**   Identifies a particular body system and blocks those components on the chart.

**Reverse Blocking**  Reverses system blocking on the current chart and system to reveal the iris condition within that system.

**Colour**     Selects the colour for the chart overlay.

## Test Menu

The Test Menu provides access to other devices you may have installed with the NT Digital Iriscope. If you do not have an Iriscope with any optional devices, this menu will not be active.

## Resources Menu

**Iris Densities**   Displays the Iris Densities help file.

**Iris Signs**    Displays the Iris Signs help file.

**The Iridologist**   Displays the optional "The Iridologist" resource CD.

**HyperHealth**   Displays the optional "HyperHealth" resource CD.

**Diet Pro**    Displays the nutritional module of the program.

**NaturBase**    Displays the optional "NaturBase" resource CD.

## Window Menu

The Window menu provides commands to control the position and layout of application's windows.

**Cascade**    Resize and position all windows in an overlapping pattern.

**Tile**      Resize and position all windows in an non

**Arrange Icons** Align all iconized windows along a grid.

**Close All**    Close all windows.

**Info Detail**    This page records information about the currently selected file.

**Show Reports** Shows Report Box Details

**Show Tools**    Turns on and off the Tools Box.

**Report Type**   Allows you to switch between Simple and Comprehensive report types.

## Help Menu

The Help menu provides access to the help system and the about dialog.

**Contents**       Displays the help contents page.

**Search for help on**    Displays help topic index.

**How to use Help**     How to use the Help window.

**About**       Displays program information.

# *Program Operation - Detail*

# *File Menu*

The **File Menu** provides commands to access all your files. There are two main types of files; photographs and text records.

## *Open Client*
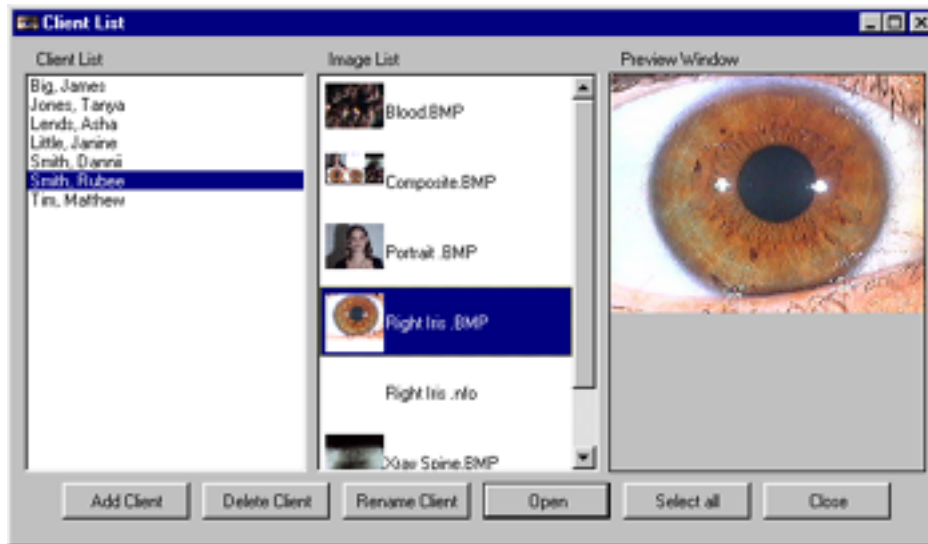


Allows the creation of a new client folder and provides access to all client images.
Please see pg9. showing how to use the client list.

**Add Client**          Creates a new client in the client list.

**Rename Client**  Allows you to rename any existing client.

**Delete Client**    Allows you to delete any existing client*.*

**Open**                   Opens any file or group of selected files in the image list.

**Select All**          Selects all images in the image list.

**Close**                  Closes the client list window

# *File Menu*

## *Client Record*
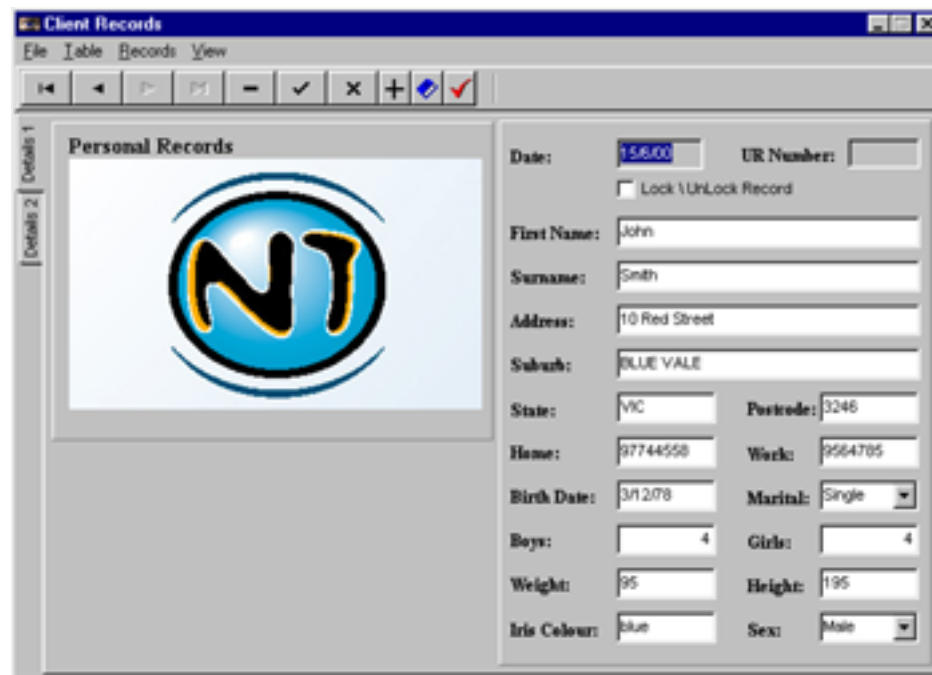


### Open Client Record

Opens the client record database. This database allows you to store, edit and monitor all client records. Client Records is a powerful database module for those who want a system for medical records. This module has its own set of commands.

## *Client Record - File Menu*

The File menu provides commands for entering a company logo, printing and exiting Client Details.

#### *Update Table*

Update table should be used to update your existing tables to our new table structure.

**Print**    Open the printing screen.

**Exit**    Exit Client Details.

## *Client Record - View Menu*

The View menu provides commands for Viewing.

| | |
|---|---|
| **Toolbar** | Choosing the Toolbar will show or hide the toolbar. |
| **Filter** | Choosing the Filter will show or hide the filter panel. |
| **Grid** | Choosing the grid will show or hide the grid. |
| **Eye Images** | Choosing the Eye images option will display a list of eye images. |
| **Minimise/Maximise** | Choosing the Minimise or Maximise option will enlarge or shrink the display. |

# File Menu

## Client Record - Record Menu

The Records menu provides commands for navigating through the database.

**First**
Sets the current record to the first record in the database. This button is disabled if the current record is the first record of the database.

**Prior**
Sets the current record to the previous record. This button is disabled if the current record is the first record of the database.

**Next**
Sets the current record to the next record. This button is disabled if the current record is the last record of the database.

**Last**
Sets the current record to the last record. This button is disabled if the current record is the last record of the database.

**Insert**
Inserts a new record before the current record.

**Delete**
Deletes the current record and makes the next record the current record.

**Unlock/Lock**
Locks or unlocks the current database. Disabling or enabling editing of records.

## Client Record - Table Menu

The Table menu provides commands for Fixing, restoring and backing up the patient database.

**Backup**
Backups up the client database.

**Restore**
Restore is used to return to a previous client database.

**Rebuild**
Rebuild will fix problems with the Client database.

**Pack**
Pack will cleanup the database of all deleted records entered into the database.

## Client Record – Button Bar

The Button Bar is used to move through the records in a database, and perform operations on the data, such as inserting a blank record or posting a record.

The database Button Bar consists of multiple buttons.

When the user chooses one of the buttons, the appropriate action is performed. For example, if the user clicks the *Insert* button, a blank record is inserted in the database.

This table describes the buttons:

**First**
Sets the current record to the first record in the database. This button is disabled if the current record is the first record of the database.

**Prior**
Sets the current record to the previous record. This button is disabled if the current record is the first record of the database.

**Next**
Sets the current record to the next record. This button is disabled if the current record is the last

# *File Menu*

record of the database.

**Last**                Sets the current record to the last record.  This button is disabled if the current record is the last record of the database.

**Insert**              Inserts a new record before the current record.

**Delete**              Deletes the current record and makes the next record the current record.

**Edit**                Puts the database into Edit state so that the current record can be modified.

**Post**                Writes changes in the current record to the database.

**Cancel**              Cancels edits to the current record, restores the record display to its condition prior to editing.

**Refresh**             Re-displays the current record from the database, thereby updating the display of the record.

## *Client Record - Toolbar Commands*

The Toolbar is a row of buttons at the top of the main window, which represent application commands. The Toolbar is to the right of the *Button Bar*. Clicking one of the buttons is a quick alternative to choosing a command from the menu.  Buttons on the toolbar activate and deactivate according to the state of the application.

| Button | Action | Menu |
|---|---|---|
| **Equivalent** | | |
| | Exiting Client Details | File|Exit |
| | Maximises and Minimises | View|Maximise |
| | the screen | or Minimise |

## *Client Record - Print Command*

The Print command prints the currently displayed patient. You will also be asked to specify whether to print the currently display record or to print all records.

Use Print Setup Button to select a printer, and to set printer options.

## *Client Record - Exiting*

To exit Client Details click on the Exit button on the main *Toolbar* or click on File|Exit.

# Program Operation - Detail

## File Menu

**File Open**    The File|Open command displays the Open File dialog box so you can select a file to load into a new document window.  You can also create a new document by naming a file that doesn't currently exist.

**File Close**    File|Close closes the currently active window.

**File Save**    The File|Save command saves the document in the active window to disk. If  the  document is unnamed, the *Save File As* dialog box is displayed so you can name the file, and choose where it is to be saved.

**File Save As**    The File|Save As command allows you to save a document under a new name, or in a new location on disk.  The command displays the Save File As dialog box.  You can enter the new file name, including the drive and direc tory.  All windows containing this file are updated with the new name.  If you choose an existing file name, you are asked if you want to overwrite the existing file.

**File Save Copy**    Use this command when you want to save a new version of the current file with the same name. Save Copy will insert the word 'copy' immediately after the file name.

**File Revert**    The File|Revert command reloads the image from the disk and discards any changes that have been made since it was originally loaded.

**File Import**    Allows you to capture new images directly into IriSearch Pro.

**Aquire TWAIN Source**    Capture an image from your selected TWAIN source.
**Select TWAIN Source**    Select from which source TWAIN images are to be obtained from.
**Camera**    Capture images directly from NT's Digital Iriscope camera.

## File Import Acquire TWAIN Source

Use this selection to acquire an image from your TWAIN compliant device.

TWAIN is an industry standard developed by the image acquisition industry (makers of scanners, frame grabbers, etc.).  This standard allows applications like IriSearch Pro to call the TWAIN driver supplied with your image acquisition hardware.  When the driver is called, a dialog box will be displayed allowing you to make the necessary choices to acquire an image from your hardware. After the hardware has acquired the image, the image will be passed back to the application that called it.

If you have purchased this software with NT'S Digital Iriscope, you have no need of this function. However, if you have purchased the software only, this is a method you may use to grab images.

**How to Acquire an Image**

1. Select **File** - **Import** - **Acquire TWAIN Source**.  This opens the **Acquire** dialog box for your specific device.

2. Make your selection in the **Acquire** dialog box as outlined in its on-line help system, or user's manual.  After you have made all of your selections, and the image has been acquired, the image will be displayed in an Iridology Analysis window.

## File Import Select TWAIN Source

Use this selection to choose from the list of TWAIN compliant devices that you have connected to your computer system.

**How to Select a Source :**

1. Select **File** - **Import** - **Select TWAIN Source**.  This opens the **Select Source** dialog box.

2. The dialog box will display a list box of the available sources.  Make your selection and click **OK** (or press **Enter**) to select the source.

# File Menu

## File Import Camera

IriSearch Pro is able to capture images directly from the camera supplied by Naturopathic Technologies. Select this option if you have any camera installed by Naturopathic Technologies. Alternatively, click the camera icon on the *Button Bar*.

**File Templates** Displays the template window. This function provides you with the capability of creating standard forms or templates to report to your clients. They can be created from scratch, copied and pasted into a file from another resource (ie. "The Iridologist" etc), or edited at any time for an impromptu situation or report. The first group is *Charts*. This is a special group and is linked to the current overlay chart. When you click on a chart area (eg. Liver), a report will be placed into the *Report* window for viewing, editing or printing (see Windows|Reports for further info). The other groups provided are *Constitutions*, *Symptoms*, *Diets*, *Supplements* and *Others*. Some sample files are provided to give you an idea on how this system works.

**Page Set-up** Allows you to change the way your documents will look when printed out on your printer. You can also select from different printers if you have them installed.

**Print** The File|Print command prints the contents of the active window. Use File|Page Setup to change how the document will be laid out on printer pages, and to set printer options.

**Print Preview** File|Print Preview opens a special window that shows how the active document will appear when printed. The preview window shows the page of the active document, as it would be laid out on printer page. You may elect to include the current overlay chart to be printed with the iris. Check the tick-box *Print Overlay with Image* to enable this feature.

**File Settings** Adjusts how the program operates: you may wish to change some of the parameters here to suit your individual requirements. Settings also provides a method of calibrating your system for accurate and repeatable photography.

## File Settings Monitor Setup

**Monitor Setup loads a Grayscale Chart to calibrate your monitor.** Configure IriSearch Pro to suit your monitor's display Capabilities. With the Grayscale Chart loaded, use the monitor's contrast and brightness controls to achieve the best viewing result. The optimum viewing condition is when all steps in the grayscale can be separated.

## File Settings Colour Balance

**Loads a Colour Balance chart to configure your printer to the monitor**. Helps you to configure IriSearch Pro to calibrate your printer with the monitor. Load the Colour Balance chart when you are setting up a new printer or wish to tune your printer driver to match the colour display of your monitor. Refer to your printer manual for further details on how to configure the settings. Only calibrate after you have completed the previous step.

## File Settings Program

This allows you to change advanced features used by IriSearch Pro.

## General

**Enable Foot Switch** Turns on and off access to the foot switch Device. If you have an NT Digital Iriscope with the optional Foot- Switch, you must enable this function. The Foot-Switch allows you to take a photograph without having to use the mouse. Useful for children or clients that have difficulty with opening their eyes wide. The inclusion of the Foot-Switch gives you another hand free.

**Enable Image Previews in Open|Save dialogs** Turns on and off image previews. Image previews are useful as they display a view of the selected image without loading. If it's not the image you require, you can ignore it and proceed to the next image. You would only need to turn image preview off if working with extremely large files (ie. 10mb or more). Large files will take a long time to load for previewing.

# File Menu

**Enable Thumbnails Preview in Client List**

Turns on and off all thumbnails previewed in the client list. Image thumbnails are useful as they display a small view of the current list of images. You can view a history of all the images you have taken of a particular client without having to load them. You would only need to turn image thumbnails off if working with extremely large files (ie. 10mb or more). Large files will take a long time to generate thumbnails.

**Enable Colour Sampling in Reports**

Turns on and off the colour sampling function in reports. The colour sampling function is accessed in the *Info Box* and allows you to record colour samples of any part of the iris. This is useful for monitoring any colour changes in the iris. When you turn this feature off, the colour sampling will not be sent to the *Report* window.

**Enable Colour Sampling in Reports**

Turns on and off the measure function in reports. The measure is accessed by the *Toolbar* and allows you to record a measurement of any part of the iris. This is useful for monitoring any changes in the iris. When you turn this feature off, the measurement will not be sent to the *Report* window.

**Enable Chart to Report Link**

Turns on and off the Chart to Report Link. This function enables a link from the current chart to the templates you have created under *Charts* in the *Templates Box*. This is a very powerful feature that allows you to print a personalised report for your clients directly from an iris sign within your chart. For example, you may have created a report on the kidneys with some information such as, functional description, suggested maintenance of this area, your prescribed treatment with your modality (eg. Herbs, vitamins etc), a description of the products you're prescribing and dosage, storage etc. All this information will be reported when you click on the kidney area of the iris. This can be as simple or comprehensive as you wish to make it. A sample report is provided for your information.

## Aspect Ratio

Changes the shape of images when they are pasted into IriSearch Pro. Use this function to obtain a perfect iris shape in the event of any distortion occurring.

## Stomach Zone

These settings allow you to adjust the stomach Zone condition calculation parameters. There are two parameters to adjust the stomach zone calculation. The first is the Normal Level % parameter. This is defaulted to +/-10%. This means the normal intensity level for the stomach zone is said to be between 40 to 60%. The second is the mild level % parameter. This is also defaulted to 10%. This means a Mild Hyper intensity is set to 60-70%. Change these values to suit your requirements.

## Condition Stage

Condition Stage calculates the current intensity at the mouse pointer, and presents this information as one of the following conditions: *Normal*, *Acute*, *Sub-acute*, *Chronic* and *Degenerative*. The parameters have been pre-set, but if you feel you want to modify the calculation parameters, you may do so.

There are five parameters to adjust the Condition Stage calculation. The first is the Acute Level % parameter. This is defaulted to 20%. This means the acute intensity level for the Condition Stage level is said to be between 0 to 20% intensity.

The second is the Sub Acute Level % parameter. This is defaulted to 40%. This means the sub acute intensity level for the Condition Stage level is said to be between 21 to 40% intensity.

The third is the Chronic Level % parameter. This is defaulted to 60%. This means the chronic intensity level for the Condition Stage level is said to be between 41 to 60% intensity.

# File Menu

The fourth is the Degenerative Level % parameter. This is defaulted to 80%. This means the degenerative intensity level for the Condition Stage level is said to be between 61 to 80% intensity.

The fifth is the Normal Tolerance Level % parameter. This is defaulted to 15.  This means that any deviation from the average iris color of plus or minus 15 will indicate a degenerative stage controlled by the above parameters.

**File Exit Command**

The **File|Exit** command exits IriSearch Pro.  If you've modified documents without saving, you'll be prompted to save before exiting.

# Edit Menu

| | |
|---|---|
| **Edit Undo Command** | The **Edit\|Undo** command restores the image in the current window to the way it was before your most recent image manipulating operation. |
| *Edit Cut Command* | The **Edit\|Cut** command removes the selected image and places the image in the clipboard. Choose Edit\|Paste Command to paste the cut image into another window. The image remains in the clipboard, and can be pasted multiple times. |
| **Edit Copy Command** | The **Edit\|Copy** command leaves the image intact and places an exact copy of it in the clipboard. |
| **Edit Paste Command** | The **Edit\|Paste** command inserts the image currently in the clipboard into a newly created window. |
| **Edit Paste Into** | If you have an image copied to the clipboard, this option allows you to paste the clipboard image into the currently selected image.  You are able to select an exact co-ordinate, or you can get IriSearch Pro to automatically place the image for you. |
| | To specify placement, enter the x & y co-ordinates in pixels to position the image. This is useful when you require absolute accuracy when combining images into a single file. |
| | The **Paste\|Into** command also offers you 9 positions where you can place your image from top left to bottom right on your canvas. |
| | Once you have made your entries or selection, click OK. |
| **Edit Clear** | **Clears the current active image.  If you have a region of the image selected, this is the area that will be cleared.** |
| *Edit Crop* | Removes the outer boundaries of a selected area on an image.  The cropped region of the image is discarded. |
| **Edit Purge** | Removes undo and clipboard information from the computer's memory. |

# View Menu

| | |
|---|---|
| **View Normal** | The **View\|Normal** returns the image to 100% magnification. This is the original capture size. |
| **View Zoom In** | The **View\|Zoom** In function increases the size of the image by 25% increments with a maximum of 400%. |
| **View Zoom Out** | The **View\|Zoom** Out function decreases the size of the image by 25% increments. |
| **View Zoom To Selection** | Zooms into a selected region of the image. |
| **View Zoom By** | Selects a percentage to zoom in or out by. |
| **View Full Screen** | The **View\|Full Screen** displays the image to a size that fills the entire screen. |
| **View Show Grid** | Overlays a reference grid over the top of any images you have loaded. The matrix size is 30 x 30 pixels. |

# Image Menu

## Image Adjust

**Adjust the colour properties of an image or its selected marquees.**

| | |
|---|---|
| **Colour Balance** | Vary the levels of Cyan, Magenta, and Yellow components of an image. |
| **Brightness/Contrast** | Adjust the brightness and contrast levels. |
| **Saturation/Hue** | Change the intensity and colour spectrum of the image. |
| **Gamma** | Correct colour intensity over specific ranges. |
| **Invert** | Inverts (negative) the colours in an image. |
| **Gray Scale** | Convert the image to black & white. |
| **Equalize** | Equalizes the intensity of the current image. |
| **Threshold** | Converts images to high contrast black & white. |
| **Posterize** | Imposes a poster effect on the image. |

**Duplicate**  Creates a copy of the current image. This feature is useful when you wish to modify the existing file and do not want to destroy the original.

**Stitch**  Joins two images in a landscape format. Select the image you want to be on the left hand side, then stitch.

**Hemispherical Stitch**  Same function as *Stitch* but allows two directions, N/E and E/W.  Hemispherical Stitch also allows any section to be joined. Make sure the image you wish to appear in the North position is active before stitching, and the East position for the other orientation.

**Image Size**  Change the physical size of the image.  This alters the actual dimensions of the image.

You can resize by absolute pixels or by percentage and have the option of locking or releasing the aspect ratio. The aspect ratio controls the length by width proportions of an image.

**Image Canvas Size**  **Makes the canvas upon which the image is displayed larger or smaller.  If the canvas is made larger, you may select where on the new canvas the image is to be placed.**

**Image Rotate**  Rotate the image either 90 degrees Clockwise (CW) or Counter Clockwise (CCW).  You can also rotate the image by 180 Degrees to avoid rotating the image twice.

**Image Flip**  Flip the image either horizontally or vertically by its axis.  The new image is a mirror image of the existing image.

# Select Menu

The Selection tool allows you to define all or part of an image for any additional processing.

**All**  Clear marquee and select the whole image to work upon.

**None**  Clear all selected marquees.

**Inverse**  Makes active the selection outside of the areas around your marquees.

**Region Shape**  Change the current shape of the marquees to one of the following: Rectangle, Ellipse, Rounded Rectangle, Freehand.

# Draw Menu
## Draw Mode

Selects what function you want the mouse pointer to perform:

**Normal**          Mouse pointer functions as a normal pen when drawing.

**Marquee**         Select an area of the image for editing. Selects an area of the image for *Cut/Copy/Paste* functions to work with.  The shape of the marquee is determined by the *Region Shape* selection in the Select menu.

**Eye Dropper**     Use the mouse to set the *Draw Colour* directly from an area of the image. Move the mouse over the image to the area, which contains the colour you want to select.  Clicking on the image will set the new *Draw Colour*.

**Measure**         Measure the distance between two points on the image. Select a point on the image that you want to measure from, and drag the mouse to the point you want to measure to.  A line will be drawn so you can see where you have come from.  When you have the measurement, release the mouse button.  The tracer line will be removed for you.

The measurement is recorded in the co-ordinate section of the *Info Page* and is saved along with other file data in the *File Info Page*. The measurement will also be saved to your *Report* if you have enabled this feature.

**Drag**            Move your marquee to a different location. Click on your marquee and, while holding the mouse down, drag it to a new location.  When you are happy with its position, release the mouse button.

**Draw Freehand**

When in the normal drawing mode, the mouse will work as a pen.  The colour and line thickness is selected by the *Draw Colour* and *Draw Line Thickness* menu selections.

**Draw Line**

This will draw a line between two points on the image.  Select the starting point and hold the left mouse button down.  Move the mouse to the finishing location and release the button.  The appearance of the line will depend upon the selected *Draw Colour* and *Draw Line Thickness* setting, and whether you have selected *Solid Line Drawing* or *Dashed Line Drawing* styles.

**Draw Square / Rectangle**

Draws a rectangular object onto the current image.  Select and hold down the left mouse button at a starting corner of the rectangle you wish to add; and drag the mouse to the opposite corner.  The rectangle will appear as you release the mouse button.

**Draw Circle/Elipse**

Draw an elliptical object onto the current image.  The shape of the ellipse will be determined by the starting and finishing locations of the mouse.

**Draw Fill**

This will fill the selected marquee with the current *Draw Colour* setting.

**Draw Text**

This will allow you to write notes on your image.  Select a point on the image where you want to make notes.  A window will pop up allowing you to select the appearance of your text.  Once this is completed, a dialog box will appear asking you for the text that you want to display.  Clicking on OK will record the text onto your image.

# Draw Menu

The text can be picked up and dragged to a new location. Click the *Text* button on the *Toolbar* to drop the text onto the image.

When selecting this tool for a second time, the text you entered previously is held. You can drop this text again, edit it, or discard it and type in new text.

**Draw Arrow Command**
Draws an arrow onto the image. The arrow can point Up, Up Right, Up Left, Down, Down Right, Down left, Left, Left Up, left Down or Right, Right Up and Right Down. Enter the first letter or two letters of the orientation you want. The arrow can be picked up and dragged to a new location. Click the *Arrow* button on the *Toolbar* to release. The arrow size can be set by selecting *Arrow Size*. Arrow size is defined in unit increments.

**Draw Erase**
The mouse can be used to erase unwanted areas of the image. The eraser size is determined by pen size and erases pixels in the path of the eraser. To set eraser size, select *Line Thickness*.

**Draw Colour**
Selects the colour that any objects drawn onto the image will appear in. This will affect lines, arrows, freehand drawing, fill, ellipses and rectangles.

**Draw Line Thickness**
This selects how thick any lines will be drawn in. Type in how many pixels wide you want the lines to be. Dotted lines will only draw at 1 pixel wide. A solid line will be drawn if any other value is set.

**Draw Arrow Size**
Select how large arrows will be when it is drawn on the screen.

# Filter Menu

## Sharpen

| | |
|---|---|
| **Filter Sharpen** | Sharpens the selected image by 20%. |
| **Filter Sharpen More** | Sharpens the selected image by 50%. |
| **Filter Sharpen/User Defined** | Allows you to specify the degree of sharpness. The amount of sharpness or blur is selected by slider control in the range of − 100% blurring) to +100% (sharpening). Sharpness can also be selected on any of the primary channels, Red, Green, or Blue. The default is all. |

## Noise

| | |
|---|---|
| **Filter Noise Despeckle** | Despeckle allows removal of dust and scratches from scanned images. |

## Blur

| | |
|---|---|
| **Filter Blur** | Blurs the selected image by 20%. |
| **Filter Blur More** | Blurs the selected image by 50%. |
| **Filter Blur/User Defined** | Allows you to specify the degree of blur. The amount of sharpness or blur is selected by slider control in the range of − 100% (blurring) to +100% (sharpening). Sharpness can also be selected on any of the primary channels, Red, Green, or Blue. The default is all. |

# Chart Menu
## Select Chart

| | |
|---|---|
| **American** | Loads standard American chart. |
| **German** | Loads standard German chart. |
| **Integrated** | Loads optional Integrated Iridology chart. "The Iridologist" must be installed to access this chart. When this chart is loaded, clicking on the Ciliary Zone, Pupil or Sclera will bring up relative information from "The Iridologist". |
| **Psychology** | Loads Psychology chart. |
| **Zone** | Loads Zone chart. |
| **Sector** | Loads Sector Charts. |
| **Time** | Loads optional Time chart |

**Overlay Right**

Loads the currently selected chart for the right iris.

**Overlay Left**

Loads the currently selected chart for the left iris.

**Offset**

Allows you to offset the inner most ring (pupil ring).

**Rotate Chart**

Allows chart rotation either clockwise or anti-clockwise. Chart rotation of up to 360° allowed. You may enter directly the degree of rotation or select with increase/decrease button. To rotate anti- clockwise, a negative number is required. To establish how many minutes to rotate, a one-minute rotation requires 6 degrees. If you are unsure of the current rotation position, the reset button returns chart to 0/60 position.

**Lock**

Locks the current chart into position.

**Clear**

Removes the currently selected chart from the image.

*View*

Switches between *Full* and *Minimum* chart mode. *Minimum* is the default view. *Full* displays all sectors and zones of the selected chart.

*Body System*

Selects body system, charts the body system and then blocks system components on the chart. When this function is on, all components of the selected system will be identified on the chart. In the *Info Box*, the *System* page will be selected and a graphic of the correlating system can be viewed.

*Reverse Blocking*

Reverses system blocking on the current chart to view iris detail in selected body system.

*Colour*

Provides a colour palette for customizing chart colour.

# Test Menu

Allows you to access optional testing instruments supplied by Naturopathic Technologies.

This may include such devices such as **Allergy Testing**, **MagnaGraph**, **Ryodoraku**, **Bio-Functional Diagnosis**, **Electro-acupuncture** or any other device.

# Irides Menu

The resources menu provides you with access to many resources that are available today. Some are available as standard items in IriSearch Pro and others are optional. Resources provided as part of the package are *Iris Densities*, *Iris Signs* and *Diet Pro*. You will find that these are readily available to you when you go to this menu. Other options can be simply plugged in whenever required. There are now many CD-ROM Natural Therapy titles available that may provide you with valuable resource material.

**The Iridologist** is one such resource and has been written specifically to work closely with IriSearch Pro. Written by a high profile local Iridologist and published by NT, **The Iridologist** provides extensive resources on, *European Constitiutions*, *Sclera Signs*, *Pupil Signs*, *Collarette Signs (ANW)*, *Psychological Indicators*, as well as an Integrated Iridology Chart© (a blend of European, American and specifics to the author). The information in **The Iridologist** is supported by text, graphics and example photographs. This makes the information very comprehensive and clear. All information in **The Iridologist** can be printed or alternatively can be placed into templates and edited to meet your specific requirements for clinical reporting.

| | |
|---|---|
| **Iris Densities** | Displays the Iris Densities help file. |
| **Iris Signs** | Displays the Iris Signs help file. |
| **Brown Irides** | Displays the optional "Brown Irides" resource CD. |
| **Inspection of the Tongue** | Displays the optional "Inspection of the Tongue" resource CD. |
| **The Iridologist** | Displays the optional "The Iridologist" resource CD. |
| **HyperHealth** | Displays the optional "HyperHealth" resource CD. |
| **Diet Pro** | Displays the nutritional module of the program. |
| **NaturBase** | Displays the optional "NaturBase" resource CD. |

# Window Menu

| | |
|---|---|
| **Window Arrange Icons Command** | The **Window\|Arrange** Icons command arranges all iconized windows into rows along the bottom of the application's main window. |
| **Window Cascade Command** | The **Window\|Cascade** command arranges all document windows from the top-left position of the application's main window so that the title bar of each is visible. |
| **Window Close All Command** | The **Window\|Close All** command closes all document windows open in the application. |
| **Window Tile Command** | The **Window\|Tile** command arranges all document windows side-by-side in a non-overlapping pattern. |

# Window Show Info

Turns on and off *Information Dialogue Box (Info Box)*. This page records information about the currently selected file.

General information about the current file is stored in this page. The *Notes* button opens a text edit window for lengthy notes. The *Client Record* button opens the comprehensive client report database.

For the *Condition Stage* to report, a sample *Average Iris Colour* must be made. Once this is done the program will calculate any area you point at or define in degeneration levels.

Clicking on any area of interest will capture *Average Iris Colour*, *Current Location Intensity*, *Stomach Zone Condition*, *and Chart Location*. Any measurements taken are automatically stored.

Information such as *Average Iris Colour*, *Location Intensity*, *Stomach Zone Condition* and any measurements taken are also recorded here. The *Details* button opens the window containing all colour channel information on *Average Iris Colour* and *Location Intensity*.

To label samples taken, choose an item from the *Sign* or *Area* drop-down list. If the item you want has not been created, click on the *Edit* button and edit the list.

### Sample Iris Colour

This function samples the colour of the iris between the stomach zone ring and the outer ring of the current chart. The average colour is then calculated. A chart must be loaded and locked for this function to operate. *The Get Sample* button executes this function. The results are broken down to channels Red, Green, Blue and Intensity with their compliments Cyan, Magenta, Yellow and Black.

To sample the *Average Iris Colour*, click the *Get Sample* button on the NT Logo portion of the window. This will immediately calculate the iris colour and display the breakdowns. A system chart must be loaded for the program to calculate, otherwise this function will not act. The program samples from the periphery of the iris to the stomach zone.

### Current Location Intensity

This function is always operational within an iris. A chart does not have to be loaded. Wherever the mouse pointer is positioned, a display of the current position intensity and all channel colours will be present. This function will not work outside the *Normal Mode* marquee selection.

The *Get Sample* button enables you to select an area to be sampled. To sample an area, first define the area you wish to sample. This is done with the selection tool.

When you have a chart loaded you may elect to take a sample colour. If you wish to do this simply click the left mouse button on the area of interest and this information will be saved in the *Info Box* under *File Info*. The program will record the colour, the location and you may select an iris sign label from the drop-down list. This drop-down list may be edited by selecting *Edit*. Details of the colour and intensity breakdown can be viewed by selecting *Details*. This method only records the last sample taken. This information is saved with the photograph along with other file information you have entered.

If you wish to take multiple samples or report these out, make sure you have the setting enabled in the File|Settings|Program|General menu. When you click on an area with a chart loaded the following information is sent to the report window: Sample with measurements in the primary colours, Red, Blue and Green, Intensity and a sample of the colour itself. These figures are useful if you want an accurate measuring tool to monitor any colour changes over a period. "K" stands for black and is the opposite of "I" Intensity.

Intensity can be defined as a percentage of brightness on a grayscale, 0 being most intense (clear white) and 100 being least intense (solid black).

Other information saved is the location of the sample. This is identified from the chart by name and also as a grid reference, providing an X and Y value. You will notice that under *Co-ordinates* in the *Info Box*, a grid reference is always active.

The condition stage of the current sample is also recorded. The will be either *Normal*, *Acute*, *Sub-acute*, *Chronic* or *Degenerative*. These calculations may be altered to suit the practitioners requirements under File|Settings|Program|Condition Stage.

The last information that is saved is the prompt, *Sign*. This is so you may record the particular iris sign that has been sampled. Simply type in the iris sign that you are observing and you then have comprehensive information on the sample stored. If you are using *Comprehensive Reports,* iris sign and area labels are available from the menu.

# Window Show Reports

Turns on and off the *Report Box*. *The Report Box* provides the ability to create, edit and print reports in two ways, *Simple* and *Comprehensive*.

**a) Simple Report**
The Simple Report allows you to create reports and to take sample colours and measurements from the iris. This report type can be open when you're viewing the iris photograph and you can make manual edits to the report. This type of report may contain only text; it will not allow photographs, graphs or charts. This report may also be linked to the chart you are using for fast reporting. This will link any body area on the chart to any template that you have created in the *Template Box* under *Charts*. When you create a new template make sure you use exactly the same name that is presented in the chart. Otherwise, the link will be broken; the program will not be able to find your template. When templates are passed into the report, any formatting will not be included. If you wish to have formatting controls, use *Comprehensive Report*.

The report can be printed along with the photograph by selecting the *Print* function.

**b) Comprehensive Report**
The Comprehensive Report allows you to create reports and to take sample colours and measurements from the iris, in exactly the same way as the *Simple report*. This report type **cannot** be open when you're viewing the iris photograph. If you are taking sample colours or measurements, do this first then open the Report.

You can make manual edits to the report also. This type of report may contain text, but also allow photographs, graphs, charts and many types of other information. This report may also be linked to the chart you are using for fast reporting. All formatting is retained when passing templates over to this report type, unlike *Simple Reports*.

This report type provides you with virtually unlimited power for reporting. It has been devised to allow those practitioners who wish to present professionally, for those who wish to use the program to design lecture graphics for overheads or slide shows, design marketing tools such as brochures or charts, sophisticated cover sheets for their reports. This report type is very powerful and allows the importing of many types of data from other applications as well. Some of these are:

1) Microsoft Word
2) Microsoft Excel
3) Microsoft Power Pont
4) Microsoft Word Art
5) Microgafx Picture Publisher
6) Adobe PhotoShop
7) Corel Presentations Chart
8) Corel Presentations Drawing
9) Corel Quattro Pro
10) Video Clips
11) Wave Sounds
12) Media Clip
13) Organisation Chart

and many, many more.

On opening this report type it automatically inserts the client name, date and time, and a copy of the image you are working with. The image size can be adjusted to suit by selecting the image and dragging the resize handles. The image can be moved by selecting, drag and drop to the new location. Additional images and text can be inserted.

Some samples have been provided as a starting point. These may be edited or deleted. The Comprehensive Report is sophisticated and has its own set of commands.

# Comprehensive Report Commands
## File Menu

The File menu provides commands for creating new files, opening existing files, saving files, printing files, and exiting the *Report Editor*.

| | |
|---|---|
| **Save and Exit** | Save the current file and exits. |
| **Print** | Print the current file. |
| **Page Setup** | Set page characteristics. |
| **Exit** | Exit Report Editor. |

## Edit Menu

The Edit Menu provides commands to access the clipboard and manipulate text.

| | |
|---|---|
| **Undo** | Undo the previous operation. |
| **Redo** | Restore the last edit removed by *Undo*. |
| **Cut** | Move image from current window to the clipboard. |
| **Copy** | Copies image from current window to the clipboard. |
| **Paste** | Move image from the clipboard to new window. |
| **Clear** | Clear the image from the display. |
| **Select All** | Selects entire contents of the report. |
| **Find** | Finds the occurrence of any text specified. |
| **Find Next** | Finds the next occurrence of text specified with the *Find* command. |
| **Replace** | Replaces the found text with the specified text. |

## View Menu

The View Menu provides commands to change the view of the *Report Editor*.

| | |
|---|---|
| **Toolbar** | Show or hides the Toolbar. |
| **Format Bar** | Show or hides the Format Bar. |
| **Status Bar** | Show or hides the Status Bar. |
| **Ruler** | Show or hides the Ruler. |

## Insert Menu

The Insert Menu provides commands to insert objects, text and photographs into the report.

| | |
|---|---|
| **Object** | Inserts an object type into the report. |
| **Photo** | Inserts a photograph from file into the report. |
| **Text** | Inserts text from file into the report. |

## Format Menu

The Format Menu provides commands to change the characteristics of your text.

| | |
|---|---|
| **Font** | Selects the font for the current selection. |
| **Bullet Style** | Inserts a bullet on the current line. |
| **Paragraph** | Formats current or selected paragraph with alignment, indentation, spacing and line spacing. |
| **Tabs** | Sets tabulation. |

## Sign Menu

The Sign Menu provides labels to insert into the *Report* Editor to indicate iris signs that have been sampled.

The *Signs* can be created or edited from the *Info Box* under *File Info.* Click the *Edit* button next to the *Sign* drop-down list.

## Area Menu

The Area Menu provides labels to insert into the *Report* Editor to indicate iris signs or areas that have been measured.

The *Areas* can be created or edited from the *Info Box* under *File Info.* Click the *Edit* button next to the *Area* drop-down list.

**Window Show Tools**

Turns on and off the Tool Bar. The default setting is on. It may be useful in some instances to turn off the toolbar for additional screen space. The toolbar functions can also be located in the menus.

**Window Report Type**

Toggles between the two report types, Simple and Comprehensive. Once selected, that mode will be enabled as your default until you select the other option.

## Help Menu

| | |
|---|---|
| **Help table of contents** | The **Help\|Contents** displays the help contents page**.** |
| **Search For Help On** | Enables you to type in key characters or words to find help on a certain topic or function*.* |
| **How To Use help** | Runs a tutorial on how to use the help system. |
| **About...** | Describes the version of the software you are currently running. |

# Cursor Movement Keys

| | |
|---|---|
| **Arrow key** | Moves the cursor left, right, up, or down in a field. |
| **End or Ctrl+Right Arrow** | Moves to the end of a field. |
| **Home or Ctrl+Left Arrow** | Moves to the beginning of a field. |
| **Page Up or Page Down** | Moves up or down in a field, one screen at a time. |

# Dialog Box Keys

| | |
|---|---|
| **Tab** | Moves from field to field (left to right and top to bottom). |
| **Shift + Tab** | Moves from field to field in reverse order |
| **Alt + letter** | Moves to the option or group whose underlined letter matches the one you type |
| **Arrow Key** | Moves from option to option within a group of options |
| **Enter** | Executes a command button. Or, choose the selected item in a list box and executes the command |
| **Esc** | Closes a dialog box without completing the command. (Same as Cancel) |
| **Alt + Down Arrow** | Opens a drop down list box |
| **Alt + Up or Down Arrow** | Selects item  in a drop down list box |
| **Space bar** | Cancels a selection in a list box. Selects or clears a check box. |
| **Ctrl + Slas** | Selects all the items in a list box |
| **Ctrl + Backslash** | Cancels all selections except the current selection |
| **Shift +Arrow Key** | Extends selection in a text box |
| **Shift + Home** | Extends selection to first character in a text box |
| **Shift + End** | Extends selection to last character in a text box |

# Editing Keys

| | |
|---|---|
| **Backspace** | Deletes the character to the left of the cursor, or deletes selected text. |
| **Delete 1** | Deletes the character to the right of the cursor. Or, deletes selected text. |

# Menu Keys

| | |
|---|---|
| **Alt** | Selects the first menu on the menu bar. |
| **Letter key** | Chooses the menu, or menu item, whose underlined letter matches the one you type, when a menu has focus. |
| **Alt+Letter key** | Pulls down the menu whose underlined letter matches the one you type. |
| **Left or Right Arrow** | Moves among menus of the main menu bar. |
| **Up or Down Arrow** | Moves among menu items within a drop-down menu. |
| **Enter** | Chooses the selected menu item. |

# System Keys

The following keys can be used from any window, regardless of the application you are using.

**Ctrl+Esc**  Switches to the Task List.

**Alt+Esc**  Switches to the next application window or minimized icon, including full-screen programs.

**Alt+Tab**  Switches to the next application window, restoring applications that are running as icons.

**Alt+PrtSc**  Copies the entire screen to Clipboard.

**Ctrl+F4**  Closes the active window.

# Text Selection Keys

**Shift+Left or Right Arrow**  Selects text one character at a time to the left or right.

**Shift+Down or Up**  Selects one line of text up or down.

**Shift+End**  Selects text to the end of the line.

**Shift+Home**  Selects text to the beginning of the line.

**Shift+Page Down**  Selects text down one window. Or, cancels the selection if the next window is already selected.

**Shift+Page Up**  Selects text up one window. Or, cancels the selection if the previous window is already selected.

**Ctrl+Shift+Left or Right Arrow**  Selects text to the next or previous word.

**Ctrl+Shift+Up or Down Arrow**  Selects text to the beginning (Up Arrow) or end (Down Arrow) of the paragraph.

**Ctrl+Shift+End**  Selects text to the end of the document.

**Ctrl+Shift+Home**  Selects text to the beginning of the document.

# Window Keys

**Alt+Spacebar**  Opens the Control menu for an application window.

**Alt+Hyphen**  Opens the Control menu for a document window.

**Alt+F4**  Closes a window.

**Alt+Esc**  Switches to the next application window or minimized icon, including full-screen programs.

**Alt+Tab**  Switches to the next application window, restoring applications that are running as icons.

**Alt+Enter**  Switches a non-Windows application between running in a window and running full screen.

**Arrow key**  Moves a window when you have chosen Move from the Control menu. Or, changes the size of a window when you have chosen Size from the Control menu.