



Single User
Installation and Configuration Guide

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Equinox Single User

Equinox single-user licences provide exclusive (single-user) access to applications.

1.1 Equinox Single User installation

Locate and run the SETUP32.EXE in the downloaded folder.

e.g c:\{licence number}\Setup32.exe

1.2 Running applications

- Run the Equinox Single User program (equinox.exe / equinox64.exe)
- Either click on the [...] button of the Login dialog, or choose the Change Application option from the Application menu
- Using the File Select - Application dialog, either browse for an existing application (click on OK) or to create a new application (click on New)

2 Equinox initialisation file - Key names

The Equinox.INI (equinox64.ini) file will reside in your Equinox directory.

2.1 [Equinox]

The [Equinox] section is automatically created by Equinox.

Equinox may add other entries (not described here) which should not be modified since Equinox maintains them for you automatically. If you change them by accident, Equinox will just discard your changes and replace them with the correct settings. However, below are some more key names that can be optionally added under this section.

AllowTranslation=

Enable translation of a published app by adding AllowTranslation=1 to your ini file.

ApplicationUserName=

This key overrides **UserName=** if present, allowing developers to use different default logins for different apps.

These keys are also used during change application in addition to the first login after the client is run.

BigToolbar=

You can enable support for double sized toolbars via the ini key BigToolbar=1. This only applies to forms.

ButtonSpacing=

This optional key name specifies the vertical spacing between radio options, to avoid them colliding when forms are automatically scaled to accommodate different screen resolutions.

If you wish to maintain the portability of your application, so that it can be used at different resolutions and with different dot pitches, you will probably find the default values acceptable.

However, if you decide to change them for one workstation, make sure that you change them for every single workstation that will also be used to access that application and bear in mind that if you also use those workstations to access other applications, all those applications will in turn, be affected by the scaling.

- The default value for VGA (640 x 480) is 1.
- The default value for SVGA (800 x 600) is 1.
- The default value for XGA (1024 x 768) is 2.
- The default value for 1152 x 864 is 2.
- The default value for all higher resolutions is 3.

CheckQueryIndexes=

This key name is not usually required except on advice from Compssoft, and can take the following values:

- 0: no effect
- 1: make the optimise database query index checkbox default to checked
- 2: send a certain amount of debug to the device specified by the Debug= ini key
- 3: 1+2
- 4: send more detailed debug
- 5: 4+1
- 6: 4+2
- 7: 4+2+1

CorruptApplicationWarning=

If an application has not been shut down correctly as a result of some hardware or software failure, Equinox displays a warning message every time the user logs in, until the Optimise Database option is used to resolve the problem. If this key name is set to 0, the dialog is not displayed and the developer may deal with the situation using the method language. The default value is 1, which displays the dialog.

Debug=

This should only be enabled on the advice of Compssoft and therefore that valid options are not detailed here.

DefaultEditor=

You can specify an editor in which to open 'global resave' and 'View information' log files by specifying the full path of the editor in this key. The default editor is Notepad.

(For **Client/Server** configurations, this key name must be added to the [ClientIdentity] section of the Equinet.ini/equinet64.ini file).

DefaultTwoDigitYear=

This optional key name controls only the display of years and not the storage allocation. Equinox allocates four digits to store years and by default, displays all four year digits unless explicitly overridden in the object's properties. Existing dates will not have their current properties changed and will continue to display as before.

This option is available if (for some reason) you require all new dates to be created with the same default display properties as earlier (pre-2.11) versions of Equinox.

Date properties can be modified at any time after creation, to alter how many digits are displayed for years, but Equinox will always use four digits to store the year.

Valid values are either:

- 1 - displays just the last two digits
- 0 - which displays all four.

DisableChangeApplication=

This optional key name controls whether the workstation can be used to run applications other than the default one.

Valid values are:

- 1 - disables the change application options
- 0 - enables them. (default)

EnableInformLocking=

This optional key name controls whether or not Equinox uses inform locking to provide automatic updating of data displayed on forms.

Valid values are:

- 1 - enables inform locking (default)
- 0 - disables it.

IndexBufferSize=

This optional key name specifies the amount of memory in Kbytes that the workstation should use for buffering indexes. Valid values are numbers in the range [0 to 6553]. A suggested starting value to try for IndexBufferSize is 4096.

Increasing the size too much can actually slow down an application. It is very much dependent upon the hardware and the operating system.

IterationXY=

Disable the ability to change iteration by clicking the dialog background using the .ini key iterationXY=1

MonochromePreview=

This optional key name controls whether the Equinox print preview window shows objects in colour (according to properties) or monochrome.

Valid values are:

- 1 - which forces the display to be monochrome
- 0 - which allows it to display colour. (default)

NewResolutionWarning=

This optional key name controls whether a warning dialog is displayed when entering design mode for a form that was previously-saved using different values of ScreenHeight and ScreenWidth.

Valid values are:

- 1 - shows the dialog (default)
- 0 - hides it.

NoExit=

This optional key name specifies whether the Exit option on system menus should be hidden.

Valid values are:

- 1 - hides the Exit option
- 0 - shows it. (default)

NoMaximize=

This optional key name specifies whether the Maximize option on system menus should be hidden.

Valid values are:

- 1 - hides the Maximize option
- 0 - shows it. (default)

NoMinimize=

This optional key name specifies whether the Minimize option on system menus should be hidden.

Valid values are:

- 1 - hides the Minimize option
- 0 - which shows it. (default)

NoMove=

This optional key name specifies whether the Move option on system menus should be hidden.

Valid values are:

- 1 - which hides the Move option
- 0 - which shows it. (default)

NoSize=

This optional key name specifies whether the Size option on system menus should be hidden.

Valid values are:

- 1 - which hides the Size option
- 0 - which shows it. (default)

NoSQLMirror=

This optional key name can be used to temporarily disable the SQL mirror. It has been designed for use as a support tool. Using NoSQLMirror=1 a mirrored application can be opened without having to set up the accompanying SQL mirror.

NotifyListSize=

This optional key name specifies the number of external notification requests that the workstation will buffer.

Valid values are numbers in the range [0 to 4096] and it has a default value of 32.

NoWayout=

This optional key name specifies whether Windows task switching should be disabled.

Valid values are:

- 1 - disables task switching
- 0 - which enables it. (default)

This setting only works for the first instance of Equinox on the workstation.

NullImportExportWarning=

If an import or export group contains no fields, Equinox usually displays a warning. If this key name is set to 0, the dialog is not displayed. The default value is 1, which displays the warning.

PictureMode=

This optional key name specifies whether or not pictures should be resized to fit the area of a picture field on a form (or report).

Valid values are:

- 1 - which leaves the picture alone
- 0 - which resizes the picture as necessary.

A value of 1 is useful for preserving the picture quality. The default value is 0, which changes the size of the picture. The aspect ratio is preserved in both cases.

PreviewNoEscape=

Prevent early exit from report preview using the ini key PreviewNoEscape=1.

Printdevice=

This optional key name can be set in the ini file to set the default print device for debugging.

PrinterDebug=

If this optional key name is set to 1 in the equinox .ini (equinox64.ini) file, diagnostic output appears in the Print Window when selecting a printer in Report setup or execution.

PrinterBusyDelay=

If the printer appears to be busy during a report, Equinox displays a dialog after thirty seconds to alert the user. On some slow systems or very complex reports, this may be too soon. This key name may contain a different number of seconds from 15 to 300 that Equinox waits before displaying the dialog. The default is 30.

ProcDLLException=

For use with External parameter declarations that cause, page faults and other problems. Equinox returns a method language error if such page faults occur. To switch off these error messages set ProcDLLException = 1.

PublishApplicationSettings=

For use when creating an application upgrade to include the following software settings in the .pub file.

<p>Publisher Functions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enable change caption <input type="checkbox"/> Enable help about <input type="checkbox"/> Enable default help <input type="checkbox"/> Enable translation 	<p>Equinox:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Disable quilt screen <input type="checkbox"/> Anonymous Equinox <input type="checkbox"/> Lock app to Equinox version <input type="checkbox"/> Lock app to Equinox build
---	---

Valid values are:

- 0 – exclude publisher options in upgrade file.
- 1 – include publisher options in upgrade file.

RecordAutomaticClose=

This optional key name controls the frequency with which Equinox closes tables that are no longer in use. When Equinox accesses a table it is held open, even when it is no longer in use. This can improve performance on some applications, if the table is subsequently accessed in that session. The table will be closed automatically when the application is closed, but will remain open in between, unless Equinox needs to close it to free-up memory for other operations.

Valid values are:

- 0 - Table remains open until the application is closed (default)
- 1 - Equinox periodically checks (frequency set by DirectoryUpdateInterval) for open tables and closes them if not currently in use
- 2 - Equinox closes tables as soon as they are no longer being accessed. In addition, it periodically checks (frequency set by DirectoryUpdateInterval) for open tables, and if necessary flushes any written information to disk and resets the table open and written flag which would cause the table to be reported as corrupt if a system crash occurred.

RecordCacheReadAhead=

This optional key name specifies whether the workstation should employ read-ahead record caching.

Valid values are:

- 1 - which enables caching
- 0 - which disables it (default)

RecordCacheSize=

This optional key name specifies the size of record cache used in Kbytes, if record caching is enabled.

Valid values are numbers in the range [0 to 524288] and it has a default value of 1024.

A suggested starting value to try for RecordCacheSize is 8192.

RecordCacheWriteBack=

This optional key name specifies whether the workstation should employ write-back record caching.

Valid values are:

- 1 - which enables caching
- 0 - which disables it (default)

SavePrintWindow=

This key name will save the contents of the print window after Equinox has been closed, **providing the print window has been left open prior to closing the application.**

The files generated will be called equinox.prn or equinet.prn depending on your configuration.

The key name can be set in either the [Equinox] or the [Client] section of equinet.ini /equinet64.ini.

The default is SavePrintWindow=1.

The *.prn file will be **overwritten** each time an application is closed whilst the print window is open, not appended to.

ScreenHeight=

This optional key name specifies the height of the workstation display in mm, measured across the flattest part of the display (usually the centre). This will affect the automatic scaling of applications and may cause part of the application to appear outside of the display area of a workstation, if the settings do not match those present in the workstation last-used to design the application.

If you wish to maintain the portability of your application, so that it can be used at different resolutions and with different dot pitches, you will probably find the default values acceptable. However, if you decide to change them for one workstation, make sure that you change them for every single workstation that will also be used to access that application and bear in mind that if you also use those workstations to access other applications, all those applications will in turn, be affected by the scaling.

- The default value for VGA (640 x 480) is 160.
- The default value for SVGA (800 x 600) is 200.
- The default value for XGA (1024 x 768) is 240.
- The default value for all higher resolutions is 270.

ScreenPixelHeight=

This optional key name alters the physical screen height so that it appears as if it's the height specified (e.g. ScreenPixelHeight=900). This key name should be used in conjunction with ScreenPixelWidth to specify an actual screen size and it is best to decide the screen size at the beginning of the application development stage.

Do NOT use this key name pair in conjunction with ScreenHeight and ScreenWidth.

ScreenPixelWidth=

This optional key name alters the physical screen width so that it appears as if it's the width specified (e.g. ScreenPixelWidth=1440). This key name should be used in conjunction with ScreenPixelHeight to specify an actual screen size and it is best to decide the screen size at the beginning of the application development stage.

Do NOT use this key name pair in conjunction with ScreenHeight and ScreenWidth.

ScreenSettings=

In V5 if you run an application without any settings for ScreenHeight, ScreenWidth or ScreenPixelHeight, ScreenPixelWidth, it assumes values of 1024 * 768 for ScreenPixelHeight and ScreenPixelWidth.

In V6 if you have an application with none of the above ini settings equinox no longer assumes these default values and should look fine on screen.

If ScreenSettings=1 is present in the ini file, then Equinox will assume the V5 behaviour.

ScreenWidth=

This optional key name specifies the width of the workstation display in mm, measured across the flattest part of the display (usually the centre). This will affect the automatic scaling of applications and may cause part of the application to appear outside of the display area of a workstation, if the settings do not match those present in the workstation last-used to design the application.

If you wish to maintain the portability of your application, so that it can be used at different resolutions and with different dot pitches, you will probably find the default values acceptable. However, if you decide to change them for one workstation, make sure that you change them for every single workstation that will also be used to access that application and bear in mind that if you also use those workstations to access other applications, all those applications will in turn, be affected by the scaling.

- The default value for VGA (640 x 480) is 240.
- The default value for SVGA (800 x 600) is 270.
- The default value for XGA (1024 x 768) is 330.
- The default value for all higher resolutions is 360.

SegmentSize=

This key is optional and can take a value between zero and 4096 (the default). It is the number of kilobytes in each segment file. The segment size cannot be changed once Equinox has created the first additional segment file (for example TBL21.R01), except via export and import. If the wrong segment size is used, undefined results will occur.

BLB files now support multiple segments in the same way as record and index files and the total data can reach a maximum size of 32 times the SegmentSize setting.

RCD and INX files can reach 256 times the segment size, or two billion records, whichever is the smaller. When Equinox reaches the segment size, it creates a new file automatically and continues to store data in the new file. For a base table TBL21.RCD, the first segment file is called TBL21.R01 and so on in hexadecimal. However, to avoid conflicts with the base filename, the hexadecimal numbering is 0 1 2 3 4 5 6 7 8 9 U V W X Y Z, and so the last file is called TBL21.RZZ.

Skin=

Equinox now has rudimentary support for “skins”, via a key Skin=Value in Equinox.ini. Value can be zero to seven, as follows:

- 0 - Default
- 1 - Default White - white toolbar background
- 2 - Classic (default)
- 3 - Classic White
- 4 - Classic Red (as V3 but slightly different bitmap colours)
- 5 - Classic Red & White
- 6 - Modern (as the previous build)
- 7 - Modern White

The default is whatever happens if no key exists in the .INI and is currently Classic. This can be simply changed to one of the other settings, as required.

These changes affect the toolbar, navigator bitmaps, and standard button glyphs.

SQLDisableTextValidation=

The ini key SQLDisableTextValidation=1 prevents SQL and SQLMIRROR DLLs from changing characters below chr32.

SQLDiagnostics=

This key name is an alternative to SQLTrace and if enabled only reports errors to the print window instead of ALL SQL commands.

Valid values are:

- 0 – disable error reporting
- 1 – enable error reporting

SQLServer=

This key name is used to point all your SQL enabled applications to the same SQL server

SQLServer=MachineName\SQLServerName

If you have multiple SQL enabled applications which use different SQL servers, you can point specific applications to specific SQL servers using the following syntax:

SQLServer:ApplicationName=MachineName\SQLServerName

SQLTrace=

This key name is used for debugging errors in SQL Mirroring.

Valid values are:

- 0 - disable statement output
- 1 - enable statement output to print window - Detailed
- 2 - enable output to log – Detailed
- 4 – enable output to Print Window – Errors only
- 8 – enable output to log file – Errors only

SQLUseDateTime2=

Enable this ini key to allow SQL Mirror to use the MS DateTime1 field if possible.

SQLUseDateTime2=1

SQLMirrorIgnoreError=

Valid values are:

- 0 – if either Equinox or SQL operation fails, both fail (default)
 - 1 – Equinox ignores SQL errors, but logs them

SyntaxColour#=

This optional key name allows the user to specify the colours used for the Equinox Syntax highlighting. There are 11 possible colours (default values in brackets):

1. variable, field, workarea (RGB:0,0,0)
2. reserved word (RGB:0,0,255)
3. function (RGB:255,0,0)
4. DLL reference (RGB:0,0,0)
5. predefined constant (RGB:0,0,0)
6. pre-processor directive (RGB:0,0,255)
7. statement (RGB:255,0,0)
8. property (RGB:0,0,0)
9. procedure (RGB:0,0,0)
10. comment (RGB:0,128,0)
11. quoted string (RGB:128,128,128)

This key name can take either of the following two formats:

```
SyntaxColour#=r,g,b  
SyntaxColour#=0xBBGGRR
```

Where # is a number between 1 and 11 which indicates what the colour is used for (see above), r, g and b are decimal numbers separated by commas, and BB, GG and RR are two digit hexadecimal numbers with no separators.

For example, the following two lines create the same colour for different uses:

```
SyntaxColour7=0x9F3FFF  
SyntaxColout1=255,63,159
```

SysDiagnostics=

This optional key name should only be used on the advice of the Comsoft Support team and should not be left in the ini file once the issue it is implemented for has been resolved.

SuppressFieldDequoting=

This optional key name controls the replacement of CRLF's in memo fields during an export using the Export module.

- 0 – enables the replacement of CRLF with ô (default)
- 1 – disables character replacement

TimeZoneGMT=

By default Equinox works in local time, however this may be set to GMT by using the INI key TimeZoneGMT=1

Toolbar=

This optional key name controls the display of the Equinox toolbar.

Valid values are:

- 0 - Toolbar not displayed
- 1 - Toolbar displayed with tool tip
- 2 - Toolbar displayed with tool tip and status line message (default)

UpgradeNameMatch=

This optional key name should only be used on the advice of the Comsoft Support team. If enabled it forces and upgrade to match on name rather than logical number.

Valid values are:

- 1 – match upgrade items on name not Logical number
- 2 – match upgrade items on name AND all incoming dictionaries will be merged into the currently selected one.

UseDefaultPrinter=

If the INI flag UseDefaultPrinter=1 is set, any report will use the Windows default printer if the printer set up in the report cannot be found and if there is no Myreport=printerdetails key in the [MyappMymachineReports] section of the INI file.

UserName=

This optional key name pre-sets the Name entry on the Login dialog. You can use this to bypass the Login dialog of the default application, if you specify the key name with no value. This will log you in as the default user, provided that you have not set any password for the default user.

3 Obsolete Key names For V6

BlobCacheNumber=

This key name has been removed from version 4 and later.

BlobCacheSize=

This key name has been removed from version 4 and later.

EnableLargeFiles=

This key name is obsolete for Equinox version 4 and later as large file support is automatically enabled.

ForeignBlobCacheSize=

This optional key name is no longer valid. Version 3 applications that have been upgraded will have this key name ignored.

Windows95=

This optional key name specifies whether the Windows 95 look-and-feel should be used to display Equinox applications.
Valid values are:

- 1 - enables the Windows 95 look-and-feel
- 0 - disables Windows 95 look-and-feel

The default value is determined automatically by Equinox, when it interrogates the operating system. This key name allows you to override the default, if it is incorrectly reported by your operating system or you wish to change it for some other reason.