

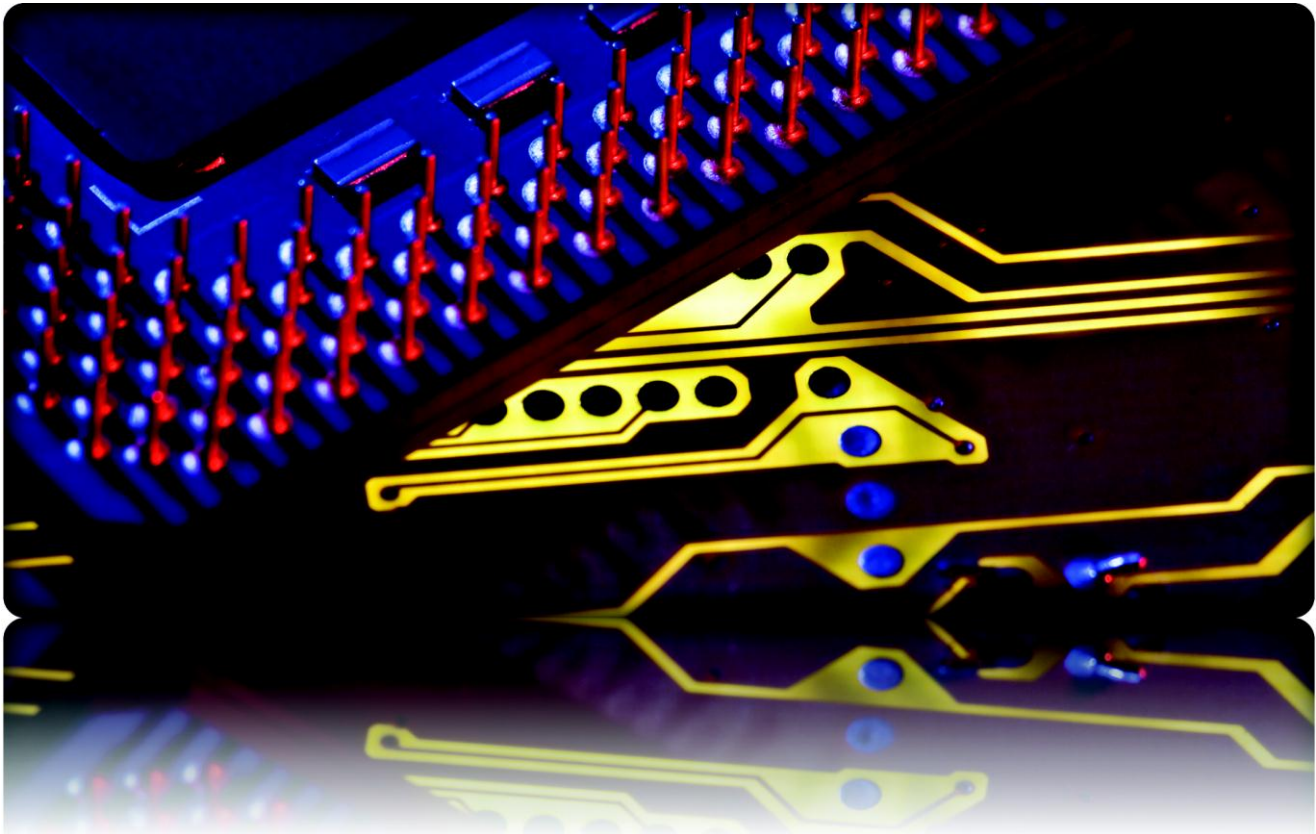


Eurosoft

computer reliability solutions

QA+WIN™

Windows®-based Computer Diagnostic Software



**Assuring Computer
Service Reliability**

www.eurosoft-uk.com

Accessing Help

You can access the help system at any time from within QA+Win.

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Overview

QA+Win is a fast, accurate and easy-to-use diagnostic tool from Eurosoft that enables you to completely check the configuration and reliable operation of PCs installed with Windows.

QA+Win is extremely useful to manufacturers and repairers of PCs, informing all Professionals of the architecture and operational reliability of PC hardware.

Minimum System Requirements

QA+Win will run on Windows® XP (SP3) or later operating systems i.e. Windows® 2003 & 2008 server®, Vista®, Windows® 7 and Windows® 8. In order to support Windows® PE please contact Eurosoft. *Windows is a registered trademark of Microsoft Corporation in the United States and other countries.*

Getting Started with QA+Win

When you first receive QA+Win on CD it will start up with the /AUTOBOOT command line option. This allows users to read the user manual and create any media ready for using the product. The splashscreen toolbar (as illustrated below) presents the available options:



1. **Open manual.**

Opens the QA+Win user guide.

2. **Copy QA+Win to CD.**

Copies all the necessary QA+Win files to a blank CD. If a suitable drive capable of burning CDs is not present, you will have the opportunity to save the disk image as a .iso. This facilitates distribution of QA+Win to other machines etc. Be aware that if you execute QA+Win from read only media (i.e. a CD) there may be appropriate warnings as the relevant log files cannot be written without being redirected with the /DIR option.

3. **Copy QA+Win to USB.**

Copies all the necessary QA+Win files to a USB flash drive. A suitably formatted USB drive will be required. This can be valuable due to the fact that USB media are typically writable and will be able to store log files, reports etc. that may be produced by QA+Win.

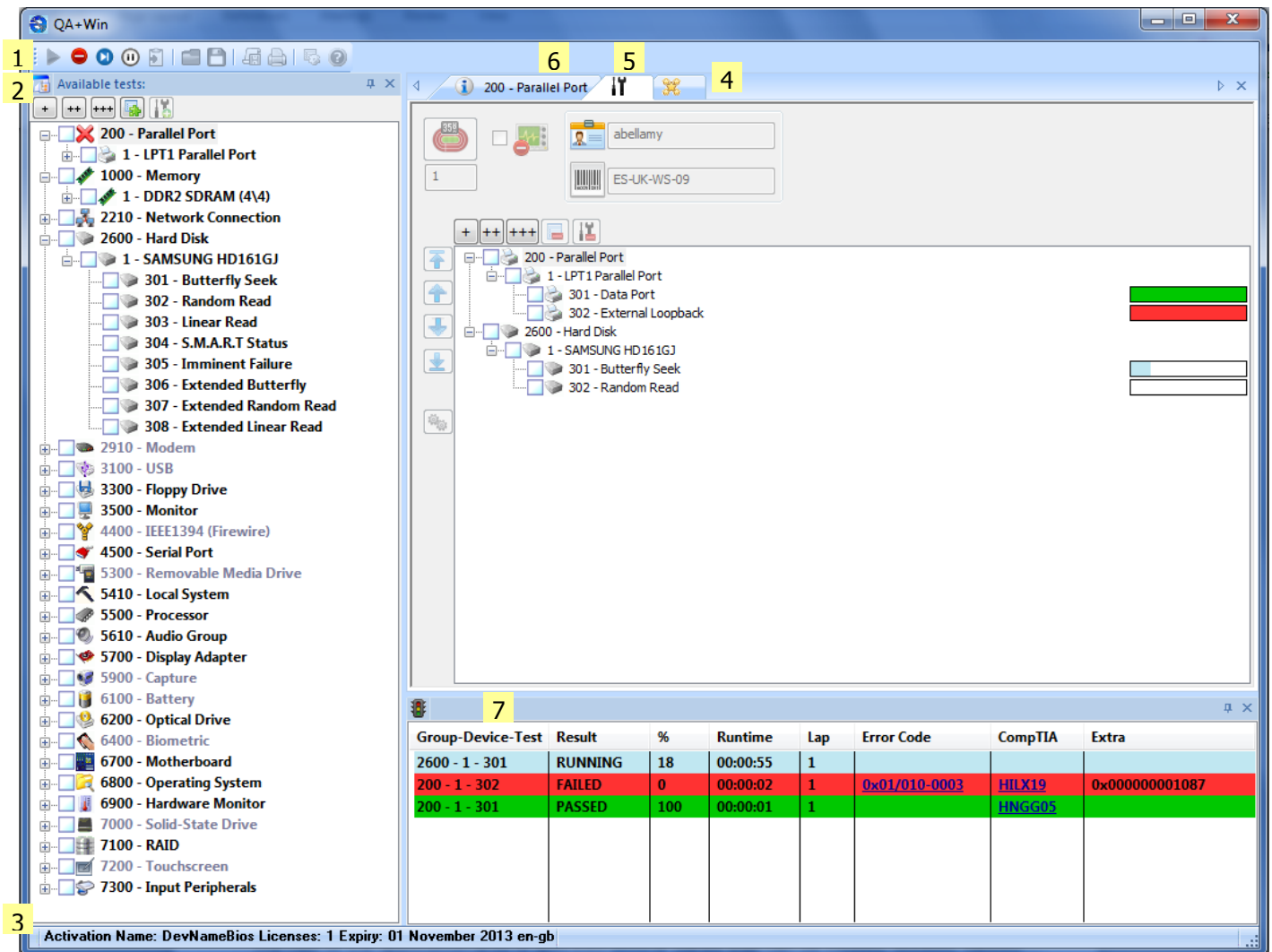
4. **Exit.**

Closes the splash-screen window.

Note: The CD requires autorun to be enabled on your computer to be able to automatically start QA+Win with the /AUTOBOOT option when the CD is inserted.

Note: When using a Custom license, the main splash screen bitmap can be customised by changing Splash.bmp in the Interface directory. This bitmap must be 640 by 480 pixels.

Starting QA+Win



KEY:

- | | | |
|----------------------|----------------------------|---------------------|
| 1. Utilities Toolbar | 2. Main Treeview Pane | 3. Status Bar |
| 4. Advanced Pane | 5. Test Configuration Pane | 6. Information Pane |
| 7. Status Pane | | |

After you launch QA+Win, the application appears in a full screen. At the top of the screen you will see the Utilities Toolbar.












The rest of the application area is split into several panes that can be moved, docked, tabbed and hidden as desired. Each of these panes is summarised in the following sections.

Note: It is strongly recommended that QA+Win is the only program running in Windows® whilst executing tests. This will maximise the speed and coverage of diagnostic testing.

Note: *Normally the status bar shows the license information. The exception is if you have a Custom license or if you have a licence count greater than 1000. Please contact Eurosoft for further details.*

Utilities Toolbar

The Utilities Toolbar contains buttons for many of the actions that can be used in QA+Win. The following buttons are available:

-  Start Selected Test(s) – Starts running all the tests in the Test List. If no tests are present in the Test List then this button will be disabled.
-  Abort Current Test – Aborts the current running test and stop the rest of the tests in the Test List from running. If no test is running then this button will be disabled.
-  Skip Current Test – Skips the currently running test. If no further tests are scheduled, testing will terminate.
-  Pause – Pauses all the tests that are currently running. The current test will remain paused until the start button is pressed.
-  Start All Tests – Runs all the loaded tests. For more information see 'All Tests'.
-  Load a test script – Presents an Open File dialog and will open the selected preconfigured test script containing Test Settings, a Test List and the Parameters for the tests.
-  Save a test script – Saves the currently selected tests as a test script. For more information see 'Test Scripts'.
-  Save Report – Saves a PDF report containing the results from the tests that have run and the system information.
-  Print Report – Prints a report containing the results from the tests that have run. For more information see 'Printing Reports'.
-  General Settings – Opens the General Settings dialog containing options such as printer setup.
-  Show About – Opens the About dialog containing information on QA+Win and buttons for displaying this help document and updating your license.

Note: Pressing Escape will cause the currently running test to skip. If tests have been selected and are showing in the test configuration pane, the Enter key can be used to start these tests. This functionality does not occur when editing parameters using the Parameter Editor.

Main Treeview Pane

The Treeview contains all the Groups, Components and Tests available through QA+Win. You can use the '+' button to show only the Groups, '++' to show Groups and Components and '+++ to show the Groups, Components and Tests.

Groups, their Components and Tests will have grey text if the Group does not detect any devices on the system in the group, marking it as a Default device. Tests can still be selected but will not be run for these Groups while devices are not present. This means that Test Scripts can be made for systems while working on a system that is missing hardware. Any tests added for a Default device will be run for all devices in the group when the devices are present.

A Device marked in blue is for information only and has no associated tests.

Highlighting a Group, Device or Test in the main Treeview cross-references the information or settings on the tabs, e.g. Highlighting a group in the main Treeview and looking at the Information Pane will show the test description section for that group.

Note: For more information on Test Scripts, see 'Test Scripts' section.

Tests can be selected from the Treeview for adding to the test list so they can be run, see 'Test Configuration Pane' for more details.

After a test is started the icon next to the relevant test, device and group in the Treeview will change to indicate the status of the test:

Device Icon – Test has not been run.

✓ Test passed.

✗ Test failed.

🛑 Test was aborted.

👤 Test was skipped.



🔒 Test was not available.



The group icon will change to indicate the general status of tests i.e. if one test has failed or the group has failed.

Note: Be aware that some tests may contain potentially destructive features i.e. hard drive tests and destructive floppy drive tests. Data loss may occur if the test is interrupted such as by a power cycle.

Test Configuration Pane

The Test Configuration Pane contains the Test List that shows the currently selected tests that can be executed and the configuration for those tests. These tests and settings can be saved to a test script, see section 'Test Scripts'.

The Pane also contains the  Tester name and the  Machine name. These two fields will appear in the Test Results log if the command line options RT or RM are used. Please see 'Command Line Options' for more information.


To add tests to the Test List use the Treeview, first click on the square next to the required group (to select all tests on all devices in the group), device (to select all tests on the device) or specific test. This will cause the square to change to a 'Plus' icon for all items that have been selected. Clicking again on any plus deselects the item. Clicking the  (Add) button at the top of the Treeview will add the selected items to the Test List. Similarly selecting an item on the Test List and clicking the  (Remove) button will remove it from the Test List.

Tests will be executed in the order they are in the Test List. This can be changed by highlighting (left click) a group, device or test on the List and using the up and down buttons next to the list to move it up or down the List.

You can select a variety of tests from the Treeview by either adding all the required tests in one go, or by adding each test one at a time. Similarly you can remove or reorder tests on the Test List at any time.

The Test List can be expanded/contracted in a similar manner to the Treeview using the '+', '++', '+++' buttons.

The  and  buttons will highlight or deselect all tests in either the Test List or Treeview.

Highlighting a test on the Test List will also allow you to change the test Parameters associated with it. If test parameters are available for the highlighted item the  (Parameters) button will be enabled, select the button and a dialog box listing the available parameters will be displayed, allowing them to be changed.

Note: *The ranges of parameters that each test can accept can be found in the Information Pane when the group is highlighted or by checking the Test Descriptions document.*


Additional settings include:

 Lap Count /  Lap Test Duration,  Stop on Fail

Setting a Lap Count means testing will cease after a certain number of laps. Setting a Lap Test Duration will mean that at the end of every lap the total testing time will be checked to establish if the tests should stop.

Note: *The time set in the Lap Test Duration will not reflect the actual time it takes for the selected tests to run. It will complete the current running lap if the time expires beforehand.*

If  is ticked, QA+Win will stop testing when it encounters a test failure.

Once the Test List has been assembled and the test parameters set the test(s) can be run using the  button on the Utility Toolbar.

Information Pane

The Information Pane shows system information and some help information. The Information shown is for the group, device or test highlighted on the Treeview. Left click on the item name to highlight it.

If a group is highlighted the Pane includes an overview of available tests, prerequisites and operating system dependencies, test parameters, a detailed description of each test, error codes that may be returned and possible causes of the errors.

If a device is highlighted the Pane shows relevant system information gathered for that specific device. This is given in three columns, the first is the TagID for the attribute, the second the attribute name and the third the attribute value. The TagID is a unique reference number used for each system attribute.

Note: *Some of the pieces of device information may be populated with 'NULL' if the information is unavailable for your device.*

Note: *Certain device information may be unavailable when running QA+Win under Windows PE®. In this case, please contact Eurosoft for assistance.*

If a test is highlighted the Pane shows detailed information on the test and its parameters, including default values and allowable range.

Advanced Pane

The Advanced Pane shows group specific advanced information or options if available for the group highlighted on the Treeview.

The information on the Advanced Pane is often dynamic system information that is updated after the interface loads or optional functionality the group provides.

Status Pane

The Status Pane shows the status of currently running tests and the results of completed tests. For each test this shows:

- Test Number
- Test Result (or 'running' while it is running),
- Test Progress Percentage
- Test Run Time
- Test List Lap
- Error Code (if applicable)
- CompTIA (Computing Technology Industry Association) Error Codes
- Extra Information (if applicable)

The background colour for each line will reflect the status of the test, as follows:

Running
Passed
Failed
Aborted/Skipped
Not Available
Paused

If a test gives an Error Code, double clicking on it will take you to the relevant section of the Test Descriptions Manual in the Information Pane to allow you to quickly look up the meaning of an error code.

Interactive Test Panes

Most Interactive Tests will create an Interactive Test Pane when the test is started. It is inside this pane that the operator will interact with the test. When the test is complete, this Interactive Test Pane is removed. The test cannot complete without the Operator's input.

You can use the command line option `/FACTORY` to run QA+Win and its tests in non-interactive mode.

When this option is set, the interactive tests are skipped, returning the Not Available result. It is a convenient way to run a test script that contains interactive tests without requiring input from the user. In this mode all test accessories must be inserted. If the test accessory is not inserted the result will be FAIL or NOT AVAILABLE dependent on the test. The result codes are explained in greater detail in the test descriptions document.

Messages and prompts are also suppressed or added with timeouts to ensure that QA+Win can be run in an automated fashion.

System Information Log

If the /LOG option (see command line options) has been used when QA+Win was started then a log will be created on closing the program.

If this option is used with a .pdf file extension, a PDF Report will be created containing the results of the tests that have run and the information on your system's devices.

If an .xml extension is used then only the system information is logged. More information on the format of this file can be found in the 'XML Specification' section.

All Tests

QA+Win allows you to perform a full check of your system by running all the tests initialised. For each device tested the entire test group is run. Some tests may be unable to run if the device is a default device.

Note: *All Tests may involve interactive tests that require the user to actively participate by using the mouse and keyboard. If running in non-interactive mode, these tests will be skipped with the Not Available result.*

If tests are already present in the test list, a confirmation prompt will be shown.

Printing Reports

The Print Report button on the Utility Toolbar allows you to print a report of your testing session.

The full report contains the following information:

- Included Test Groups
- Device tested – listed under the Test Groups
- Individual tests that were executed- listed under the device tested
- Test results
- Information on devices

Additionally, you can see the activities of your testing session in the log file, QA+Win_Results.xml. The log file contains the following information:

- Test Summary - a list of the modules tested and whether the module passed or failed. This does not include individual tests run. If one test in a module fails, the report lists failed for the entire module.
- Date and time the test started or completed

- Group number
- Test number
- Device number
- Test started
- Pass or fail information

Results log file: QA+Win_Results.xml

The results of each test session are displayed on the Status View tab and written to the log file, QA+Win_Results.XML.

Further details of the xml log file content are available in the test descriptions document

Note: *Printing of reports and QA+Win_Results log are not available with an evaluation license.*

Test Scripts

QA+Win allows you to select and save a sequence of tests. The saved test sequence is called a script. If you know that you always want to run a certain selection of tests, you should set up a Test List and save the sequence as a script. You can also write a test script using any text editor.

The Save Test Script button on the Utilities Toolbar can be used to save the current Test List and settings as a script.

Note: *The Test List is lost once you exit QA+Win, unless you save it as a script.*

Further details on the content of an XML script file are available in the test descriptions document.

The Load Test Script button on the Utilities Toolbar can be used to load a script. The loaded script will replace the current Test List and can then be run in the standard manner.

Note: *If you load a script that contains tests for devices you do not have present in your system, a compatibility warning will be shown and logged in the QA+Win.xml log file. This will not stop your custom test from loading and running on the devices that are present.*

Command Line Options

You can use command line options with QA+Win. Following is the list of options available with QA+Win:

QA+Win.exe [/? | /AUTOBOOT | /R <filename>] [switches]

Option	Description
/R <filename>	<p>Loads and runs the specified script and then shuts down QA+Win. Only groups required to run the script will be loaded. The script must have the .xml extension.</p> <p>When running with the /R command line option, the application 'close' button will be disabled. This is to prevent the application from being closed while the test script is running.</p>
/DIR <path>	<p>Re-routes output files from the QA+Win directory to another directory. Useful when on read only media.</p>
/FACTORY	<p>Runs the tests in non-interactive mode. This mode will not prompt the user for test items such as whether or not loopback plugs are installed.</p>
/DF <filename>	<p>Loads a user-specified diagnostic file. This file is used to configure some diagnostic groups and the QA+Win interface.</p> <p>In terms of configuring the interface, see "Advanced options – XML definitions" for further details.</p> <p>In terms of configuring the groups, please refer to the Test Descriptions document.</p> <p>Note: If I97Diag.xml is present in the QA+Win directory then this file is used instead of the file specified with /DF.</p>
/AUTOBOOT	<p>Enables splash-screen buttons for copying to media or installation. This option can be used alone or with /DIR only. The Splash.dll must be present for this option.</p>
/LOG <filename>	<p>Sets the filename of the Report to be created when QA+Win closes. A .pdf file extension creates the Full Report with Test Results and Device information. An .xml file extension creates the Device Information log.</p> <p>If a path is specified then this is used to redirect the created file. If a /DIR path is used this takes next priority, otherwise the QA+Win directory is used.</p> <p>Note: /Log is not available on an evaluation license.</p>

/NOSYS	Stops gathering of system information. Primarily intended for use when running a test script where system information is not required. In this scenario there is a time benefit on initialisation.
/?	Displays a list of command line options that can be used. QA+Win will close after the options have been shown.
/RM [?]<Machine>	Using this option will set the machine name that will appear in the test report. Adding a '?' to the front will prompt the Operator to confirm the machine name. This should be less than 15 characters.
/RT [?]<Tester>	Using this option will set the Operator/Tester's name that will appear in the test report. Adding a '?' to the front will prompt the Operator to confirm the name. This should be less than 15 characters.
/LIC <License Path>	Using this option will specify the license file QA+Win should use. This option must specify a full license file path.
/BLOCK	This option is used to control license BIOS locking. Please contact Eurosoft for more information regarding this feature.

Note: When using the /R option QA+Win will only load the groups you require to run the Tests and will close upon test completion.

Note: Should you wish to load a group but not run any tests for it, (i.e. To get system information for devices in the group) then simply add the group to the Custom Test Script without any tests associated with it as in the example below.

```
<?xml version="1.0" encoding="UTF-8"?>
<Script RunType ="LapCount" RunCount="1" StopOnFail="0" >
  <Group Group="1000" GroupName="Memory">
  </Group>
  <Group Group="5500" GroupName="Processor">
  </Group>
</Script>
```

Advanced Options – Package Customisation

Reducing Start Up time:

The amount of time to start QA+Win can be reduced by removing unwanted diagnostic groups from the root directory. e.g. if the parallel port group is not required 20X.dll can be removed. The more groups that are removed the quicker the time will be for QA+Win to be ready for testing.

If system information is not required it is recommended to use the /NOSYS option.

Reducing the size of the QA+Win package:

By removing groups this also has the advantage of reducing the size of the package for copying either over a network or onto media which has a reduced size. If a group is not required the xtra*<group number>* should be removed as well as the root group component file.

Note: *It is recommended to back-up QA+Win before customising your package for testing. Further details maybe requested from Eurosoft.*

QA+Win Components that can be removed:

File	Customise	Comment
QA+Win.ico	Yes	Main icon file used across interface. A Custom licence is required. This should be 32 by 32 pixels.
PDF.dll	No	PDF Functionality removed. This includes the user guide and test description information on the main interface.
Splash.dll	No	Splash screen. Removal disables Autoboot and disables the splash screen on start-up.
Splash.bmp	Yes	Customisable bitmap for splash background. A Custom licence is required. The file must be 640 by 480 pixels.
Template_Report.pdf	Yes	Customisable header for pdf reports.
TestCtrl.dll	No	Removal results in Information gathering only interface.
Xtra\ <i><Group></i>	No	Removes functionality on groups.
Help\Test_Descriptions.pdf	Yes	See Eurosoft to create languages.

Xtra\<file>	No	Removes certain diagnostic features.
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Advanced Options – Return Codes

QA+Win has a number of return codes that are returned when the application is shut down, designed for use in automated or batch running scenarios. The following is a list of return codes that QA+Win uses.

Code	Use
0	No other return code event has returned.
1	General Failure. QA+Win failed to run successfully.
2	Error. QA+Win has encountered a Major error. The event log will contain more information on this error.
3	License Failure. QA+Win failed to run due to a license issue.
4	Test Failure. One or more of the tests that ran failed.

Advanced Options – XML Definitions

Introduction

All XML test scripts and output logs must conform to the standard as defined at <http://www.w3.org/TR/REC-xml/>

Entity and Attribute values

Script Entity

Attribute	Mandatory	Type	Range
RunType	YES	String	"Duration Lapcount"
RunCount	YES	Integer	1-9999
StopOnFail	NO	Boolean	0-1

Group Entity

Attribute	Mandatory	Type	Range
Group	YES	Integer	1-9999
GroupName	NO	String	N/A

Device Entity

This is a subtag of Group.

Attribute	Mandatory	Type	Range
Device	YES	Integer	1-9999

Test Entity

This is a sub tag of Device.

Attribute	Mandatory	Type	Range
Test	YES	Integer	1-9999
TestName	NO	String	N/A

TestParams Entity

This is an optional sub tag of test. The tests run in order sequence and for these to take effect they must be setup beforehand. See the Test Descriptions document for more details.

Attribute	Mandatory	Type	Range
ID	YES	Integer	1-9999
Name	NO	String	N/A
Value	YES	Multi	Type depends on test param ID

Example Test Script

Typical example of text script:

```
<?xml version="1.0" encoding="UTF-8"?>
<Script RunType="LapCount" RunCount="1" StopOnFail="0">
<Group Group="2600" GroupName="Hard Disk">
  <Device Device="0">
    <Test Test="303" TestName="Linear Read">
      <TestParams>
        <TestParam ID="1" Name="Duration" Value="60"></TestParam>
        <TestParam ID="2" Name="Coverage" Value="100"></TestParam>
        <TestParam ID="3" Name="MaximumErrors" Value="1"></TestParam>
      </TestParams>
    </Test>
  </Device>
</Group>
</Script>
```

Output XML logs

Application Event log

The application event log is created on QA+Win start-up and is named QA+Win.xml. This file contains logs of application events such as group initialisation.

EuroEvents Entity

There are no fields associated with this tag.

Info Entity

Attribute	Mandatory	Type	Range
Description	YES	String	XML String Type

Error Entity

Attribute	Mandatory	Type	Range
Description	YES	String	XML String Type

```
<?xml version="1.0"?>
<EuroEvents>
  <Info Description="Initialised Parallel Port Tests (group 200)."/>
  <Error Description="Error: Unable to validate &quot;4&quot;. The line 2
was skipped and the default value was used."/>
</EuroEvents>
```

Results XML log

The log events always are generated into a separate file entitled *QA+Win_results.xml*. This file is created on QA+Win initialisation.

EuroLog Entity

There are no fields associated with this tag.

LogEvent Entity

This is a subtag of Eurolog.

Attribute	Mandatory	Type	Range
DateTime	YES	[-]CCYY-MM-DDThh:mm:ss[Z](+ -)hh:mm]	ISO 8601
Group	YES	Integer	1-9999
GroupName	NO	String	N/A
Test	YES	Integer	1-9999
TestName	NO	String	N/A
Device	YES	Integer	1-9999
DeviceName	NO	String	N/A
Message	YES	See msg table below (Integer)	2-18
LapCount	YES	Integer	1-999
Description	NO	String	N/A

Message Table

Integer Value	Meaning
2	Test Start
3	Test Passed
4	Test Skipped
5	Test Failed
6	Test Aborted
7	Test Not Available
18	Error Log

```
<?xml version="1.0"?>
<EuroLog>
  <LogEvent datetime="2012-10-26T16:24:04+01:00" group="5410"
test="301" device="1" message="2" lapcount="1" groupname="Local System"
testname="Stress Test" devicename="Test Device" description="5410 - 1 -
301"/>
  <LogEvent datetime="2012-10-26T16:25:05+01:00" group="5410"
test="301" device="1" message="3" lapcount="1" groupname="Local System"
testname="Stress Test" devicename="Test Device" description="PASSED -
000000000000000000"/>
</EuroLog>
```


System Information Log

When QA+Win is run with the /log option, the system information is collected and output into the System Information Log or Full Report, depending on the file extension given.

System Profile Entity

There are no fields associated with this entity.

Device Entity

This is a sub entity of the SystemProfile entity, and is named in the format "Eurosoft_<device's group number>".

There are no fields associated with this entity.

Sub Device Entity

This is an optional sub entity of the Device Entity, and is named in the format "Device<sub device id>".

There are no fields associated with this entity.

Attribute Entity

This is a sub entity of the Device entity, and is named as the attribute's title as shown in QA+Win. The ID of these entities corresponds with the attribute ID as seen in the interface. The value between the tags is the attribute's value.

Note: Spaces will not appear in the tags and will be replaced by '_ '.

```
<?xml version="1.0" encoding="UTF-16" ?>
<SystemProfile>
  <Eurosoft_2600>
    <DeviceID ID="5242885">\\.\PHYSICALDRIVE0</DeviceID>
    <BusType ID="1">ATA</BusType>
    <Capacity ID="2">298 GB</Capacity>
    <Description ID="3">Volume0</Description>
    <Device ID="5242880">0</Device>
  </Eurosoft_2600>
  <Eurosoft_3100>
    <Device ID="5242880">1</Device>
    <DeviceID ID="5242885">1003</DeviceID>
    <VendorID ID="3">157C</VendorID>
    <DeviceDescription ID="5">Eurosoft Diagnostic Device</DeviceDescription>
    <VendorName ID="1">(Standard system devices)</VendorName>
    <DeviceName ID="2">USB Input Device</DeviceName>
    <USB_speed ID="4">NULL</USB_speed>
  </Eurosoft_3100>
</SystemProfile>
```

Diagnostic Configuration File

QA+Win reads entities from the specified configuration file for determining how some features of the interface will operate. These entities are automatically updated depending on how QA+Win is run.

Eurosoft_1 Entity

This is the entity that QA+Win reads, where 1 represents the QA+Win interface group. The sub entities of this entity should contain the required settings.

Config Entity

The interface layout is controlled by this entity.

The entity contains the QA+Win Configuration (.qac) file that is used to save and restore the layout. If the file is not present, it is created and filled with the QA+Win layout on shutdown.

E.g QA+Win /DF \I97Diag\extra\I97CFG.xml will create an I97CFG.qac file, the I97CFG.XML file will also be updated with the relevant Eurosoft_1 entity information. Both files should be copied to a target machine to copy the interface layout.

Note: The content of the .qac should not be modified.

Note: Clearing this entity's path attribute will ensure the interface does not use a QA+Win configuration. Any changes made to the interface will not be saved.

Title Page Entity

The Title Page entity defines a Title Page HTML used by the product.

Title Entity

The Title entity defines the Title used across the product. This will change the name of the windows displayed by the interface. A Custom license is required for this feature.

PDF Entity

The PDF entity defines advanced settings that can be applied to the pdf results log. The Settings attribute is controlled by binary settings. The following table gives the bit positions from the right most bit and the meaning of each setting.

Bit position	Description
1	Adds the CompTIA code to the results log with a different format, the format being "Group – Device – Test – CompTIA".
2	Enables a minimalistic report, where much of the text is removed to minimize file size.
3	Enables a prompt when saving a report to choose if system information should be included or not. If QA+Win is run with the Nosys option then this prompt will not be shown.

The Title attribute if set defines the title that will be put at the top of the PDF report. If this is blank, the default text is used.

DIR Entity

The DIR entity functions the same as the /DIR command line option. This entity will take priority over the options entered on the command line.

LOG Entity

The LOG entity functions the same as the /LOG command line option. This entity will take priority over the options entered on the command line.

MACHINE Entity

The MACHINE entity functions the same as the /RM command line option. This entity will take priority over the options entered on the command line.

TESTER Entity

The TESTER entity functions the same as the /RT command line option. This entity will take priority over the options entered on the command line.

LIC Entity

The LIC entity functions the same as the /LIC command line option. This entity will take priority over the options entered on the command line.

STOPSCRIPT Entity

This setting control stopping after a script is set on the command line. If set it will exit the program.

Home Entity

The Homepage entity contains the entities that specifies the scripts that will be listed in the Home page.

Script Entity

The script entity contains the script Path, the Title, Description and estimate time for a script to be shown in the Home page. All these attributes are required and must be filled to be used. The script file must also exist to be shown. The script path can also be a http web link in this case the time should be an empty string.

```
<Eurosoft>
  <Eurosoft_1>
    <Config Data="000003EA000005000" File="\I97Diag\extra\QAWinConfig.qac"> </Config>
    <Title Title="QA+Win"> </Title>
    <PDF Settings="0"> </PDF>
    <DIR DIR=""> </DIR>
    <TitlePage Path=""> </TitlePage>
    <FACTORY FACTORY="0"> </FACTORY>
    <NOSYS NOSYS="0"> </NOSYS>
    <LOG LOG=""> </LOG>
    <MACHINE MACHINE=""> </MACHINE>
    <TESTER TESTER=""> </TESTER>
    <LIC LIC=""> </LIC>
    <STOPSCRIPT STOPSCRIPT="0"> </ STOPSCRIPT >
    <Home>
      <Script Path="|" Title=" " Description=" " Time=" "> </Script>
    </Home>
  </Eurosoft_1>
</Eurosoft>
```

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Note: Windows PE v1.x contains a security feature that will cause end user's systems to reboot without prior notification to the end user after 24 hours of continuous use. Windows PE v2.x contains a security feature that will cause end user's systems to reboot without prior notification to the end user after 72 hours of continuous use.