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StressTest

1.0  
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\*\*\*\*\* RELEASE NOTES April-4-2005 \*\*\*\*\*

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Build # 1015  
- WIN32/x86 and WIN64/x64  
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NOTES:

FEATURES ADDED:

WIN64 specific:

- Native WIN64 (x64) version of PerformanceIndex.
- Memory reporting and testing now uses the 64bit address space.
- MMX tests changed to SIMD (SSE1/2 tests) or removed.
- 3D tests changed from DirectX8.0 to DirectX9.0.

FIXED DEFECTS:

- Corrected a bug where the CD test would cause StressTest to exit when using test CD's with very long filenames.
- The CD test has been modified to skip invalid files with "?"'s and "StressTest.exe". This skips reporting errors that are either due to the CD test media filenames or due to the file being locked because StressTest is being run from the CD under test.
- When tests are signalled to be stopped (eg. by the auto stop timer), if there is a sound test error while the test is actually stopping (up to a few seconds), this error count is now consistently counted and reported.
- The "Reset Defaults" button on the Configuration Page now resets the Auto Stop timer Value.
- The "Reset Defaults" button on the Configuration Page now resets the duty cycle value colour indicators.
- Copyright date updated from 2004 to 2005.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1014  
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NOTES:

A new 32-bit version of StressTest to run on 64-bit Windows (in the WOW64 compatibility mode).

FEATURES ADDED:

- The reporting of operating systems has been updated to include 64-bit Operating Systems.

- Logged CPU features have been updated to include:
  - CPU SSE3 capability.
  - Number of logical processors (Hyperthreading).
  - New Intel CPU Level 2 cache codes (sizes). For example, for Extreme Edition CPU's.
  - Intel CPU Level 3 cache size.
- RAM greater than 4GB will now be reported. Note: The Memory test will not test more than 4GB of RAM in the 32-bit version.
- Changed the 2D video memory test to test all video memory (this includes the local video memory and any other video memory, such as RAM reserved for graphics), rather than just the local video memory (that is the graphics adapters onboard memory).
- Modified Intel Motherboard Lockdown mechanism, as per Intel instructions.

FIXED DEFECTS:

- Corrected a bug that caused problems when running the disk test with SMART monitoring turned on. This problem only occurs on a small number of HDD's.
- Corrected memory leaks that may have lead to tests failing after continual testing of many days, due to insufficient memory.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

\*\*\*\*\* RELEASE NOTES July-11-2004 \*\*\*\*\*

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 Build # 1013  
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NOTES:

FEATURES ADDED:

FIXED DEFECTS:

- Spanish version:
  - translation corrections/improvements based on original translator review and Independent translator review (closes defects 9745 to 9747).
  - Corrects for defects 10198/9.
- Chinese version: Translation error (defect 9748) and radio button alignment (defect 9750).
- Korean version: Defects 10162 to 10166, translation and font sizing errors.
- Russian version: Defects 10183/4 corrected (Translation errors - software and contents).
- Japanese version: 10168-76 defects corrected (Translation errors/ improvements, date format and copy to clipboard).

- English Help, Contents and Readme.txt file included with the installation package for Japanese and Korean versions at the request of Intel. Note: Contract includes no Help, Contents or readme.txt for these languages.
- Minor improvements to the error handling of the 2D test.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1012  
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NOTES:

Japanese and Korean languages added.

FEATURES ADDED:

Installation:

Korean and Japanese added as command line options, /L <language>, where new <language> options are "KOR" and "JAP". Automatic detection of these languages is also supported if no /L switch is used.

StressTest:

Japanese and Korean languages added.

FIXED DEFECTS:

1. 902132 defect (incorrect use of -D switch should display an error and not close StressTest) corrected.
2. Russian translation defects 9731..9743 corrected.
3. Spanish translation defects 9745..9747 corrected.
4. Complete review of clipped and overlapping controls on dialogs. A number of corrections have been made.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1011  
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NOTES:

FEATURES ADDED:

Contract amendment #1: For localisations where no help file is distributed, the help selection is removed from the menu and all help buttons display the About window.

FIXED DEFECTS:

9416: Spanish translations in Sound preferences corrected. Requested correction carried across to all other languages.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1010  
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NOTES:

FEATURES ADDED:

FIXED DEFECTS:

Corrected the build number in the system registry.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1009  
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NOTES:

FEATURES ADDED:

FIXED DEFECTS:

Copyright updated from 2003 to 2004.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1008  
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NOTES:

FEATURES ADDED:

IsIntelDesktopBoard check added to StressTestWrap installer and StressTest.

FIXED DEFECTS:

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1007  
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NOTES:

1. At the request of Intel, this version may be run on non-Intel products. Further information is required from Intel in order to lock StressTest to Active Monitor Plus (and IDCC).
2. During IDCC silent install, IDCC installs on "Program Files" folder created by IDCC, while StressTest (and PerfIndex) install on the O/S default "Programme" folder. This is by design as it is standard practise to install applications into the existing Windows 'local' program files directory.
3. There is no entry in add/remove programs for StressTest. We understood this was the requirement from Intel, with the uninstall being managed at the Intel package level. We understood this was to prevent users uninstalling StressTest separately (while leaving IDCC or Active Monitor Plus installed).
4. Silent install does not put shortcut into start menu/programs by default. We understood this to be the requirement from Intel. We understood this was in order to have users use the StressTest functionality via IDCC or Active Monitor Plus, and not via the standalone StressTest application.
5. StressTest app in use during Over Install display's unclear error code. As requested by Intel, a description of this error code was included in the StressTest help file (Error, Common Error Messages - INSTALLATION ERROR MESSAGES section)
6. When more than 1 version of StressTest is installed in different directories on the same PC by the same higher level package (eg IDCC or AMP), only the first un-install will uninstall StressTest as the StressTest registry entry (of version and location etc) is cleaned up (deleted) for StressTest on an uninstall. This is by design as it was understood that the package installation (eg. IDCC) would install to the same directory.

FEATURES ADDED:

FIXED DEFECTS:

- The Maths/CPU test yielded very large results on multiple CPU PCs. The Maths/CPU test results were not always cleared for 2<sup>nd</sup> and subsequent CPUs.
- Version key in the windows registry is entered as 1.0.0.1007 for build 1007.
- Mouse over for preferences corrected.
- [Previous corrections for open issues: Registry entries deleted upon uninstall]

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1006b  
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NOTES:

No code changes made. This StressTest package includes new configuration files in the distributed installation package, QuickTest.cfg and QuickCPUtest.cfg. QuickTest.cfg includes the default StressTest tests running at:

- 70% duty cycle for all standard tests
- 2 minute duration

QuickCPUtest.cfg includes the CPU test running at 70% duty cycle for 2 minutes.

To run these configuration files automatically, the following command lines should be used:

E:\program files\intel\stresstest\stresstest /c QuickTest.cfg /r  
or

E:\program files\intel\stresstest\stresstest /c QuickCPUtest.cfg  
/r

To open the configuration window automatically, the advanced option should be used as follows:

E:\program files\intel\stresstest\stresstest /a

FEATURES ADDED:

FIXED DEFECTS:

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1006  
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NOTES:

FEATURES ADDED:

- Removed Intel product checks to allow StressTest to run without Intel products installed. To allow testing with "Intel Active Monitor Plus".

FIXED DEFECTS:

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1005  
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NOTES:

FEATURES ADDED:

- For all seven languages: Removal of 3Dow as an option in the CPU test, from help file and Contents.
- Improvement in Chinese log file format.

FIXED DEFECTS:

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1004  
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NOTES:

FEATURES ADDED:

- Inclusion of Chinese language.
- Standardised the font size in the Test windows.
- Start and Stop date and time in main window changed from English to decimal format for all languages.
- Text log format improved for all non-English languages under their local language OS.
- Changed the layout of the Maths window to avoid clipped on the last line.
- Removed additional references to PassMark in all language versions eg. Log file title.

FIXED DEFECTS:

- 2003091801 - Text and HTML logging from the Russian version of StressTest is not working.
- Corrected the layout to the "Errors" column that was incorrect in the German, Spanish, French and Italian language.

- Corrected a bug where the 3D thread would crash on some non-English languages based on the Video card characteristics.
- Corrected the Invalid command line error message.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1003  
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NOTES:

FEATURES ADDED:

Inclusion of French, German, Italian, Spanish & Russian languages.

FIXED DEFECTS:

KNOWN ISSUES:

Chinese version of StressTest not included.

2003091801 - Text and HTML logging from the Russian version of StressTest is not working.

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1002  
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NOTES:

FEATURES ADDED:

FIXED DEFECTS:

Corrected the following issues requested by Intel:

- Passmark:StressTest: User is not prompted for test log overwrite.
- PassMark:StressTest:Uninstallation leaving "StressTest" sub-directory behind.
- Passmark: StressTest app in use during Over Install display's unclear error code
- Passmark:Performance and Stress Tests do not remove registry entries upon uninst
- The audio portion of Stress Test doesn't play the MIDI file. Apparently it is looking in the wrong directory by default. If I select the midi file from the appropriate directory (in preferences) it runs properly.



- Remove obvious references to Passmark, add link to PassMark site for help.

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1001  
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NOTES:

FEATURES ADDED:

- Temperature readings continue to be displayed after tests complete.

FIXED DEFECTS:

KNOWN ISSUES:

37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # 1000  
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NOTES:

FEATURES ADDED:

- New window with larger graphic stop button to stop all tests - identical functionality to stop button on toolbar.
- Added thread per CPU to CPU/Maths test. This means that a duty cycle of 100% will now report a CPU usage of 100% on dual/HT CPUs.

FIXED DEFECTS:

- Fixed up the CPU/Math test and SIMD test duty-cycle scaling so that the CPU usage percentage value seen in Task Manager more closely corresponds to the percentage chosen in the duty cycle.

KNOWN ISSUES:

- 37239 - Removal of registry entries on uninstall is only carried out if the uninstall wrapper is called correctly to remove StressTest.

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Build # Beta 4  
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NOTES:

FEATURES ADDED:

- Removed licence.txt from the install package.

FIXED DEFECTS:

- Incorrect error strings were being loaded for all but the first 20 strings. Corrected array indexing to fix problem.
- Fixed bug in Post-Test preferences dialog. The file edit box and browse button were disabled automatically in the 'testing PASSED' section if the config had the associated radio button selected.
- Fixed a bug where the creation of some of the test windows (Disk, Network, CD/DVD) happened before the resource dll was loaded. This meant some strings, such as the Pattern descriptions were missing.

KNOWN ISSUES:

\*\*\*\*\* RELEASE NOTES June-10-2003 \*\*\*\*\*

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Build # Beta 3  
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NOTES:

FEATURES ADDED:

- Unicode conversion. StressTest has been converted to and built in Unicode. All resources have been extracted to a resource dll. After localisation, a different resource dll will exist for each different language. For the moment, only the US English version of the dll will be used.
- Removal of install time board checking from the StressTest wrapper. This removes the reliance of the install wrapper on the Intel iSmbios.dll and associated files.

FIXED DEFECTS:

- Runtime registry key check changed to correct value. As advised by Intel, StressTest now checks for  
HKEY\_LOCAL\_MACHINE\SOFTWARE\Intel\Intel(R) Desktop Control Center

KNOWN ISSUES:

- This is the first build of Unicode version and has only undergone some basic sanity tests this week, so some defects are to be expected. We will test the new beta version more extensively this week in particular in any area that involves file IO.
- licence.txt is still BurnInTest version. New version of this file will have to be created for StressTest.

\*\*\*\*\* RELEASE NOTES May-27-2003 \*\*\*\*\*

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Build # Beta 2  
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NOTES:

The current build contains all agreed R1 content.

FEATURES ADDED:

- New command line parameters for install wrapper.
  - ch (Console - Health)
  - cp (Console - Performance)

One, and only one of these parameters MUST be specified when launching the install wrapper. The purpose of the parameter is to indicate to the StressTest installer which console is carrying out the install. These parameters provide functionality to support the Intel requirement that one version of the StressTest files persist for both consoles.

If -ch is specified, a registry value called "HealthConsole" is created in HKEY\_LOCAL\_MACHINE\SOFTWARE\PASSMARK\STRESSTEST. The value is of type DWORD and has a value of 0x1.

If -cp is specified, a registry value called "PerformanceConsole" is created in HKEY\_LOCAL\_MACHINE\SOFTWARE\PASSMARK\STRESSTEST. The value is of type DWORD and has a value of 0x1.

These values are used at uninstall time, to communicate which consoles have currently installed versions of StressTest on the host computer.
- Uninstall wrapper. Added a wrapper called 'UninstallWrap.exe', which Intel should use to launch the uninstall process. The wrapper takes the following command line parameters.
  - s (Silent mode)**

Silent uninstall.
  - ch (Console - Health)**
  - cp (Console - Performance)**

Indicates which console is requesting the uninstall. One of these parameters MUST be specified. These parameters provide functionality to support the Intel requirement that one version of the StressTest files persist for both consoles.

The following is the behaviour exhibited for a HealthConsole uninstall. (Refer to above bullet point on new command line parameters for description of registry entries).

uninstallwrap.exe /ch

If neither registry value exists, or if only the "PerformanceConsole" registry value is present, the uninstall terminates without removing any files or registry entries.

If both the "HealthConsole" and "PerformanceConsole" values exist, then the "HealthConsole" value is deleted and the uninstall then terminates.

If just the "HealthConsole" registry value is present, then it is deleted and the uninstall proceeds as normal.

uninstallwrap.exe /cp

Analogous behaviour to uninstallwrap.exe /ch
- Registry entries deleted on uninstall. Once the final instance of StressTest is uninstalled, the key HKEY\_LOCAL\_MACHINE\SOFTWARE\PASSMARK\STRESSTEST is deleted along with all subkeys.

- Help file update. The help file has been updated to reflect the new StressTest content. All references to the Pro version, purchasing, and Windows 95/98/Me/Nt have been removed. All references to "BurnInTest" have been replaced by "StressTest. The temperature monitor sections have been updated to reflect the use of Intel Active Monitor rather than Hmonitor.
- Readme.txt updated. The readme.txt has been altered to reflect the nature and naming of the new product.
- Runtime registry checking has been added to ensure the Health Console is installed. We currently check the key HKEY\_LOCAL\_MACHINE\SOFTWARE\Intel Corporation\HealthConsole. Intel to provide update if key changes.
- Removed CPU Name/CPU Manufacturer/CPU Speed descriptions from the main window.
- Added a Total Test Duration field to the main window.
- Added a Preferences button to the Test Configuration window. This button launches the preferences window.
- Added the -a command line parameter, which launches StressTest in advanced mode. In this mode, the Test Configuration window is displayed first. The user can also access the test preferences from this window (see above). Once the user chooses the tests to run, their duty cycles and the test duration the Go button automatically starts the test run.

FIXED DEFECTS:

None

KNOWN ISSUES:

licence.txt is still BurnInTest version. New version of this file will have to be created for StessTest.

\*\*\*\*\* RELEASE NOTES May-20-2003 \*\*\*\*\*

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Build # Beta 1  
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NOTES:

This is the first version of StressTest, which has been delivered by PassMark (previous deliveries were still the BurnInTest product).

FEATURES ADDED:

- Name change: All instances of BurnInTest have been changed to StressTest
- Active Monitor: Support for the Hmonitor temperature-monitoring software has been replaced by support for Intel Active Monitor. StressTest now gets its system temperature data from SensorDll.dll.
- Armadillo removal: Armadillo protection and all associated security code have been removed from StressTest.
- Tool tips: The tooltips for the Start Test and Stop Test buttons have been changed to the Intel requirements.

- PASS/FAIL window removal: The large PASS/FAIL windows which pop up on test completion have been replaced by standard message boxes indicating success or failure.
- Standard Config File: Disk test - default setting to test floppy drive has been removed.
- Removed Purchase Software toolbar button and menu item.

FIXED DEFECTS:

- Fixed bug which caused crash on low end graphics adapters when 2D and 3D tests running together.
- Wrapper fix - On non silent installs, the wrapper no longer reports an error if the install lasts longer than 30 seconds.

KNOWN ISSUES:

Readme.txt and license.txt (also visible during non-silent install) are still the BurnInTest versions. New version of these files will have to be created.