**MobileMark 2012 1.0.1.159 patch 1 Release Notes**

**General Notes**:

- Supports Win7 64 bit
- Reference system:
    - Lenovo Thinkpad T420
        - i3-2350M 2.3 GHz
        - 4GB RAM (1x4gb)
        - 500GB, 7200rpm HDD
        - Intel HD Graphics
        - 6 cell Li-Ion battery (57wh capacity)
        - Windows 7 Professional - SP1 - 64 Bit
- Do not connect test system to the Internet during installation or benchmark runs
- Wireless connection (non-Internet) required for OP and MC scenarios
- Recommended routers for OP testing
    - Linksys E3200 High-Performance Simultaneous Dual-Band Wireless-N Router
    - Netgear N900 Wireless Dual Band Gigabit Router (WNDR4500)
- Minimum system requirements:
    - Windows 7 64-bit
    - 1.3 GHz dual core processor
    - 3 GB system RAM
    - DirectX 9-compatible graphics adapter
    - At least 30 GB free space on the primary storage device
    - 1024 x 768 display resolution (or higher)
    - Blu-ray reader (required only for Blu-ray Playback scenario)
    - Wireless router (required only for Office Productivity and Media Creation & Consumption scenario)

**Enhancements/Updates:**

- None for this release

**Fixes:**

- Harness
    - Fix for battery state error
- Installer
    - Entering non-alphanumeric characters causes installer to freeze
    - Flash ActiveX plugin no longer installed on Win8

- o Error 5100 installation fails to detect existing instance of Visual Studio C++ redistributable.
- o Improved detect and handling of failed Flash Player ActiveX plugin installation
  - ▪ Resolves issue with missing plugin causing low performance scores
  - ▪ Ensures installed plugin is the correct version
- Error 33039: MC_PSE_99_Verify.exe/VerifyOutput (33039) VerifyOutput: ..\webpanorama.jpg file does not have the expected size of 48432 bytes
- Error 28194: OP_Acrobat_00_Initialize.exe - Main acrobat window did not appear
- Error 20054: OP_Firefox_08_NavPage_Video.exe
- Error 31060: MC_Photoshop_06_CreateHDR.exe/OpenFiles (31060) Could not find DSC_0132.JPG
- Error 22102: OP_FineReader_05_OpenFile_Foreclosure.exe/GotoPage (22102) couldn't find - ABBYY FineReader 11 Corporate Edition
- Error 20027: OP_Firefox_03_OpenFile_Shopping.exe/ChangeURL (20027) ChangeURL: The Open File dialog did not disappear as expected.
- FDR completion date now getting set on resume.
- System configuration tool
  - o Disable Windows Defender is now a recommended setting. Resolves issue with Defender scans causing long running Process Idle Tasks.

**Known issues:**

- The following applications have been observed to interfere with the benchmark operation:
  - o McAfee applications such as AntiVirus Plus
  - o Symantec Norton applications such as Norton Internet Security and Norton A/V
  - o The AuthenTec TrueSuite application
    - ▪ After uninstalling, verify the AuthenTec, Inc. TrueSuite WebStore and TrueSite Website Log On Internet Explorer add-ons are no longer present by checking the location below:
      - ▪ IE9 add-ons/toobars/extensions via ControlPanel->Internet Options->Programs->Manage Add-ons
  - o WORKAROUND: uninstall all of these applications via "Control Panel->Programs and Features" before installing MobileMark 2012.
- Microsoft Office expires after 30 days.
- Test system needs to be set to correct date and time to avoid application licensing issues.
- ABBYY FineReader installation fails when user name installing the benchmark contains an apostrophe.
  - o Workaround: Create a new admin user account. Do not use apostrophes in the user name.
- IE9 may crash on systems with NVIDIA Optimus graphics when Flash content is loaded/viewed

- o Workaround: Go to NVIDIA control panel and set "Preferred graphics processor" to "Integrated Graphics" for IE9
- Error 28194_OP_Acrobat_00_Initialize.exe - Main acrobat window did not appear
  - o Workaround: Accept the EULA and re-run the test. This will keep the issue from reappearing again for that installation
- The Office Productivity scenario may fail with the following error: OP_Ping_02_StartPinging (error #29000) unreliable network connection
  - o Perform a factory reset on the router
  - o Reduce number of clients
  - o Use recommended router models (see general notes)
- COM SURROGATE has stopped working
  - o Workaround: Install the latest graphics driver from the graphic vendor website