SYSmark® 30 Benchmarking Rules v1.0

This document describes the rules governing publication of results derived from running the BAPCo SYSmark 30 benchmark. Any licensee who wishes to publish such results is obliged to adhere to all rules and regulations described in this document or other documents provided by BAPCo related to execution and reporting of SYSmark 30 benchmark results. BAPCo reserves the right to change the rules outlined in this document at any time. Licensees are encouraged to consult BAPCo website at www.bapco.com for the latest information regarding execution and publication rules. For more information, please consult the Software License Agreement.

Benchmark Execution

Workload Manager: All benchmarks must be run using the SYSmark 30 Workload Manager. This utility is an executable program that runs the SYSmark 30 benchmark. It also includes a module that generates the final benchmark results for the system under test. All published results must be derived only from a complete and correct run of the benchmark. All tests must be performed without modification to any part of the SYSmark 30 software.

The collective set of hardware and software used in generation of an official SYSmark 30 result must be available to the public as defined by BAPCo's availability criteria. The following specific rules apply:

Operating System: The operating system used to generate and publish results must be a publicly available release from the original software vendor. Consult the product manual at www.bapco.com for the current list of supported operating systems. Upgrade of specific drivers that are released and maintained by vendors other than the operating system vendor (e.g. graphics drivers, disk drivers, motherboard setting files, multimedia drivers) is allowed provided these drivers are publicly available, release-quality drivers from original vendors of such drivers. Licensees may also use operating system service packs, API updates (e.g. Direct X) and other such updates provided they are publicly available, release-quality software from the original vendor, and that they meet the benchmark's Operating System requirements. Licensees should also consult license agreements from individual software vendors to ensure compliance with vendor benchmark restrictions.

Performance Enhancing Utilities: Use of performance enhancing utilities or techniques is allowed provided that the utility or technique is publicly available, release-quality software from the original vendor. The utility needs to be documented and such techniques should not compromise the integrity of the system under test or the benchmark. BAPCo shall reserve the right to review the usage of such tools or techniques and invalidate published results if need be.

Hardware: The system hardware used to generate official SYSmark 30 results must be publicly available at the time of publication or within 60 days thereafter. The system must be purchasable as a complete platform from an Original Equipment Manufacturer within 60 days of publication. Alternatively, licensees

may report results for systems which may not be available from an OEM but whose individual components are publicly available and purchasable from various vendors at the time of publication or within 60 days thereafter. Note that the 60-day grace period does not apply to system software. All software used must be publicly available and be of release-quality available from the original software vendor.

Full Disclosure Report

A complete Full Disclosure Report (FDR), must be generated by the Workload Manager for all published results. This FDR must include the overall SYSmark 30 Rating and the ratings for each of the four scenarios to be valid for publication or submission. Pertinent information regarding the state of the system under test must also be included. The format and the information included in this report is determined by BAPCo. BAPCo forbids modification of the generated FDR. Any modifications violate the BAPCo software license agreement and invalidate the FDR for publication or submission).

Publication

BAPCo requires all licensees to submit FDRs to the BAPCo website (https://results.bapco.com) for all publicly available published results. Submit results by any of the following methods:

1) Clicking the 'submit results' button from the benchmark GUI after a successfully completed run
2) Uploading results via the online submission form at https://results.bapco.com

Or, if the above options are unavailable

3) Submit results by email to report@bapco.com

Licensees are responsible for retaining FDR records for all published results. Results submitted by email will be published at results.bapco.com.

All FDRs submitted by licensees to BAPCo are subject to a 10-day review period. During this review period any BAPCo member can challenge the submitted FDR or submit a counter FDR. When a challenge occurs or a counter FDR is submitted, BAPCo will decide which, if any, of the FDRs will be accepted for inclusion in the FDR database.

Any publication of results must be accompanied by at least the system model number plus any discrepancies between the shipping configuration of that system model and the configuration of the system model actually tested.

Results collected on systems that do not meet the minimum system requirements for running SYSmark 30 may be published if submitted to BAPCo for inclusion in the FDR database. However, BAPCo will only offer technical support for system configurations that meet or exceed the minimum system requirements for SYSmark 30.

Any publication of SYSmark 30 results must include the SYSmark 30 overall rating from the same run of the benchmark.

Any publication of SYSmark 30 results must include a link to the corresponding result at results.bapco.com.

Relative Performance

Licensees have the option of publishing the relative performance of two or more systems (for example, "System X is 15% faster than System Y using SYSmark 30") as long as the licensee adheres to the Benchmark Execution and Publication rules above for all systems.

If a licensee publishes the relative performance of two or more systems and one or more of those systems does not adhere to the Benchmark Execution and Publication rules above, the licensee must state that the performance results are "estimated" or "projected" when making the claim (for example, "We estimate that System X is 15% faster than System Y using SYSmark 30"). Publishing absolute scores of estimated or projected results is not permitted.

Availability

When publishing SYSmark 30 results, the tested system must be available for purchase by the public either at the time of publication or within 60 days after publication. Note that the 60-day grace period does not apply to system software. All software used must be release-quality and made publicly available from the original software vendor.

FDR Processing

The submitted FDRs are processed by BAPCo and classified as:

Released for publication - The results are released for publication as filed.

Rejected - The results are rejected for publication as filed.

The Released for publication classification is in no way a validation or an endorsement of the results by BAPCo. Licensees are free to publish results as long as a complete and valid FDR has been generated and submitted to results.bapco.com. BAPCo will perform frequent audits of the submitted FDRs and reserves the right to revoke the license granted to licensees who have not adhered to the regulations described in this or other SYSmark 30 documentation. In the case where an FDR is returned to the licensee with rejected classification, the licensee must immediately stop publication of the rejected results until the matter is clarified by BAPCo. Any publication of results must be accompanied by at least the system model number plus any discrepancies between the configuration of the stated model number and the configuration of the system tested. The publication can use the single overall SYSmark 30 rating or the combination of the overall rating and a scenario rating. Licensees may not publish scenario ratings unless the overall SYSmark 30 rating is also included. (E.g. the Productivity scenario rating cannot be published without disclosing the SYSmark 30 overall rating) The term SYSmark is a registered trademark of the Business Applications Performance Corporation and may only be used in conjunction with performance metrics generated by the SYSmark 30 Workload Manager. Any other performance characterizations may be made but must be derived from the performance metrics generated by the Workload Manager. The

terms SYSmark and SYSmark 30 may not be used as the performance metric describing such characterizations.

Publication of Results on Non-OEM Platforms

BAPCo allows the publication of performance indices using SYSmark 30 for making "Non-OEM" platform comparisons. This includes performance comparisons on systems that are not shipped from an OEM as a complete platform. An example of such comparisons is when a graphics card manufacturer wishes to compare the performance of its graphics card to that of another manufacturer in an identical platform by swapping the cards and measuring the performance. Results published on Non-OEM platforms must be marked as Modified on the accompanying FDR and whenever appearing in publications of any kind.