

Real-world IT hardware performance evaluation with UL's benchmarking solution

How the IT Hardware Standardization team at a Global 2000 company used PCMark® 10 for hardware evaluation.

Solving the challenge of managing 50 types of devices

At a Global 2000 company specializing in automotive manufacturing, the IT hardware standardization team supports and evaluates several thousand devices. The devices range from the typical office notebooks to specialized workstations and rugged devices. In order to cope with the large PC environment management and ensure business productivity, the team used PCMark 10 as a part of their hardware evaluation procedure.



PCMark 10 for enterprise IT

PCMark 10 is the latest version of UL's industry-standard PC performance benchmarking software. PCMark 10 measures complete system performance with tests based on real-world applications and activities.

PCMark 10 performance benchmarks cover everyday office productivity tasks such as web browsing, video chat, and app start-up time. With the PCMark 10 Applications benchmark, you can measure real-world PC performance with tests based on Microsoft applications.

Evaluating PC performance with PCMark 10

The team started the performance evaluation process by defining configuration requirements for hardware devices within the organization. With defined requirements, the team ran PCMark 10 to test the device performance and gain insights into how newly acquired devices perform against the standardized baselines. Performance is a deciding factor for the team when selecting successor devices in the hardware evaluation process.

System stability is the key to reliable PC performance and that is where PCMark 10 can help. When PCMark 10 showed errors or a score of zero, the team used the test results as a basis for identifying and troubleshooting performance problems that impact the system stability. A low score can indicate performance problems related to compatibility and configuration issues, such as outdated drivers or wrong configuration of Windows images.

In addition to evaluating hardware performance, the team found PCMark 10 scores useful in measuring and comparing driver performance for Windows 10 version evaluation.

"We chose PCMark because it consists of real tests based on simulated office workloads measuring real-world performance."

- IT workplace standardization specialist at a Global 2000 company

Start evaluating IT hardware today using the industry standard PC performance benchmarks. Learn more at Benchmarks.UL.com.

