Autodesk

"With new workstations based on Intel® Xeon® processor 5600 series, having all of this additional processing power really allows the artists to go in places they've never been able to go before. They are able to do simulations much faster, so it allows them to be able to iterate more, come up with the right look and feel, and in many cases allows them to come up with a much higher quality end result in much less time." -- Rob Hoffmann, Sr. Product Marketing Mgr., 3D Media & Entertainment, Autodesk

cadence®

"We have seen up to 1.56 times performance throughput gain for Cadence Spectre application on Intel® Xeon® processor 5600 series based platforms compared to earlier Intel® Xeon® processor 5500 series based platforms", Steve MacQuiddy, IT Director, Engineering Infrastructure, Cadence Design Systems, Inc.

CITRIX®

"The performance of the Intel® Xeon® processor 5600 series is so compelling that it's absolutely justifiable immediately in terms of ROI, to simply replace Legacy service, a whole rack of servers, or whatever it happens to be with a single platform. We did it ourselves for our own IT workloads and reduced 264 servers to 16 and in the process got high availability and agility as a result." – Simon Crosby, CTO, Data Center & Cloud, Citrix Systems

EXASOL

" Our software benefits immediately from the technical progress either of the latest multi-core processors or the next compiler generations. Thanks to the close cooperation with Intel, we can continue to optimize our software at an early stage to the latest innovations and consolidate our technological lead. A great example is the amazing 1.61x performance gain we see on the Intel® Xeon® processor 5600 series compared to last year's Intel® Xeon® processor 5500 series." Mathias Golombek, Head of R&D at EXASOL AG

"The Intel® Xeon® processor 5600 series allows us to achieve the highest throughput in the new and emerging digital pathology market. It is a critical component in our scanner that enables a computationally intensive parallel image processing pipeline, from optical lens correction to advanced wavelet based encoding." Shai Dekel, Chief Scientist, Imaging Solutions, GE Healthcare

"The new six-core Intel® Xeon® processor 5600 series based servers can achieve 1.29X performance gain compared with the quad-core Intel® Xeon® processor 5500 series based server. It is also amazing to see the AES-NI will accelerate AES decryption/ encryption so much. Intel® Xeon® processor 5600 series based servers will greatly benefit our online gaming." Wang HaiJun, Director of Giant online

"This platform algorithm optimization work is an example of a cross company research initiative that will proliferate benefits to both companies' customers. Expertise from both sides has joined up to demonstrate execution speed-up and algorithms scalability in the context of many-core computing systems. This scalability is of critical importance to the imaging and printing industry."

Doron Shaked, Director, Hewlett-Packard Laboratories Israel

"Given its great 1.47X performance and power efficiency improvement comparing to previous Intel® Xeon® processor 5500 series, Intel® Xeon® processor 5600 series will lower our TCO and is one good choice for our backend game server." Chen FeiZhou, VP, Kingsoft

Microsoft®

"We are very excited about the benchmark results of the Xeon processor 5600 together with Windows Server 2008 R2," said Eric Jewett, Director, Windows Server Marketing. "Customers can take advantage of greater performance and energy efficiency, delivering up to 40% more performance per watt than the previous generation. This combination is a great catalyst for customers to help reduce costs."

Neusoft

"As a computing-intensive product, Neusoft CT requires high hardware platform capabilities. On the newest Intel® Xeon® 5600 series, CT can achieve 1.34x performance boost, compared with the previous Xeon® 5500 series. The amazing results showed that the new Xeon® processor 5600 series is certainly one of the most preferable platforms for our CT product."

Li Shuangxue, Vice GM of Neusoft Medical Systems CT Division

Novell®

Intel Intelligent Power Technology and SUSE Linux Enterprise 11 lower power consumption when possible while delivering maximum performance at peak times. Novell and Intel together offer an industry-leading solution stack that also lowers capital, licensing, and operating costs. The combination of SUSE Linux Enterprise and the Intel® Xeon® processor 5600 series lowers cost of ownership and provides our customers with a faster return on their investment. -- Carlos Montero-Luque, VP, Business & Product Management, Open Platform Solutions (Linux), Novell

ORACLE®

Across the stack, increases of 50 percent in both core count and cache drive up performance on the Intel® Xeon® processor 5600 series. We are especially excited about accelerated encryption using AES new instructions. This faster, more robust encryption will benefit a broad range of Oracle solutions, including Oracle Database, and our customers can now secure data better without performance overhead. -- Marie-Anne Neimat, Vice President, Development for Embedded Databases, Oracle

Oracle Business Intelligence customers want Oracle BI to support relevant trends, allowing the customer to act on them as quickly as possible to maximize profitability. There is a tremendous amount of data

that needs to be read and analyzed to extract the few business-changing nuggets of information. The Intel® Xeon® processors provide tremendous high-bandwidth computational power in a remarkably cost-effective platform for Oracle BI solutions. -- Vikram Kumar, Vice President, Fusion Middleware Development, Oracle

|| Parallels™

"With Parallels Server 4 Bare Metal running on Intel® Xeon® processor 5600 series based servers, you get the best of both virtualization models supporting OS virtualization (Linux containers) and hypervisor-based virtualization (virtual machines) on the same physical server, along with a better foundation for security and exceptional performance and energy-efficiency," said Amir Sharif, Vice President of Virtualization at Parallels. "Parallels works closely with Intel to ensure our hypervisor products fully leverage Intel Virtualization Technologies and other hardware enhancements-- including forthcoming support for Intel Trusted Execution Technology-- enabling our customers to build extremely flexible, cost-effective and high performing cloud infrastructures."

PHILIPS

"Our Volume Rendering application requires very high level of image quality to be able to depict all the small anatomic structures of the human body in an accurate way. This is where multi-threading and multi-core CPUs come to play. Due to the fact that our application is highly optimized for multi-threading we gain immediate performance improvement with the usage of Intel® Xeon® processor 5600 series' 6 cores when compared with Intel® Xeon® processor 5500 series' 4-cores CPU. Intel's Tick-Tock model directly affects the improvement of the performance of our application." Baruch Sabbah, Workstation Program Manager, CT Engineering, Philips Healthcare

The Planet
The Global IT Hosting Leader

"Our customers looks to us for cutting-edge technologies, and the Intel® Xeon® processor 5600 series is a welcome addition to our lineup of high-end servers. Its increased performance and energy efficiency will help us run more virtual machines per server, serve more customers per square foot of data center space, and deliver great performance and value to customers in every segment of our business. As we move toward full deployment of our cloud service, the processor will deliver a huge tangible benefit by

enabling us to increase density in our cloud services."   Todd Mitchell, General Manager, Dedicated Hosting and Global Services, The Planet

"As our low latency feedhandler software is natively multithreaded, using multicore hardware leads to an immediate performance gain. The combination of our software and the new Intel® Six-Core Xeon® 5680 processors now make it possible to decode even the most demanding market data feeds such as OPRA." Denery Fenouil, Chief Technical Officer and co-founder, QuantHouse

"The new six-core Intel® Xeon® processor 5600 series based servers offers the state of the art in CPU platform design and 32nm process technology. Real Image's QubeMaster Pro obtains a 1.4X FPS improvement on a 6-core Intel® Xeon® processor 5600 series (2.88GHz) based server with Intel® Hyper-Threading Technology turned on, over a quad-core Intel® Xeon® processor 5500 series (2.93 GHz) based server." Senthil Kumar, Founder CEO, Real Image

"The combined Intel and Red Hat solution stack is designed to respond dynamically to workloads, lowering system power when possible. Decreased power consumption and cooling requirements help lower the total cost of ownership and contribute to an improved return on investment for our customers." -- Paul Cormier, Executive Vice President and President, Products and Technologies at Red Hat

Sabre Holdings

"We found that Intel® Xeon®5600 based servers provide Sabre an additional 50% transactions per second, allowing Sabre's fare search engine to process more customer requests per server." Jim Brewster , Sr. Principal, Sabre Holdings

SAP

"With a CPU upgrade to the new Intel® Xeon® processor 5600 series, the accelerated version of SAP BusinessObjects Explorer achieved a 1.64x improvement in query throughput. It would take us many person years to optimize our software stack to achieve the same performance gain." – Roland Kurz, Vice President, TREX Development, SAP AG

SUNGARD®

"SunGard's developers worked with George Raskulinec, an Intel Software Engineer, to optimize SunGard's Ambit Reconciliation solution running on high-performing Intel® Xeon® processor 5600 series servers on the application tier and Intel® Xeon® processor 7500 series servers with Intel's Solid State Drives on the data tier.

As a result, the time to process 50 million transactions was dramatically reduced from 16+ hours to 25 minutes!

These results enable our customers to easily address industry trends like increasing trade volumes and help define a competitive advantage in these challenging times."

Don Tyson, Chief Technology Officer, SunGard's Ambit, Corporate Banking.

"In a tough market, our customers need strong technology performance and cost efficiency throughout their business. SunGard's Adaptiv Analytics solution runs calculations approximately 50% faster with Intel® Xeon® processor 5600 series servers, helping our customers increase their agility while decreasing their total cost of ownership."

Brad Impey, Chief Technology Officer, SunGard Adaptiv and Front Arena

"Using Intel® Xeon® processor 5600 series servers, Front Arena is able to process risk calculations 50% faster, which helps our customers take full advantage of market opportunities."

Nils Undén, Chief Technology Officer, SunGard Front Arena business unit

"Intel's new Intel® Xeon® 5600 series processors provide outstanding calculation performance for modern, high-demanding risk analysis simulations."
Stefan Nägeli, Head of Development Ambit Focus

"Today, risk professionals want to understand the impact of market changes on the balance sheet in order to make faster and more informed business decisions. With Intel's new Intel® Xeon® 5600 series servers, SunGard's Ambit Risk & Performance ALM solution achieved a 30% increase in performance as compared to previous benchmarks."

Markus Gujer, Head of Product Management, SunGard's Ambit Risk and Performance Management

"With an unprecedented level of hesitance sweeping the global economy, Asset & Liability Management professionals have a heightened need to clearly measure, manage and understand the impact of market changes on the balance sheet. With Intel's new Intel® Xeon® processor 5600 series servers, SunGard's Ambit Risk & Performance QFL solution achieved a 36% increase in performance as compared to previous benchmarks. "

Markus Gujer, Head of Product Management, SunGard's Ambit Risk and Performance Management

"The Intel® Xeon® processor 5600 series has demonstrated a substantial performance multiple when compared to the previous generation Intel® Xeon® processor 5500 series in High Performance Computing applications. On Synopsys' highly scalable Proteus Computational Lithography engine, which analyzes and modifies full chip design databases prior to manufacturing, The Intel® Xeon® processor 5600 series based servers outperform Intel® Xeon® processor 5500 series based servers by a factor of up to 1.45X in throughput. Over the past 6 years, Synopsys' Proteus application running on Intel's Xeon family of processors has shown a 16.54x performance multiple. By leveraging such advances in Intel CPU performance from generation to generation, Proteus users are able to keep the cost of transition to newer technology nodes low by avoiding expensive custom hardware solutions." Dr. Howard Ko, Sr. VP & GM, Silicon Engineering Group, Synopsys, Inc.

"We're very excited about the Intel® Xeon® processor 5600 series and the advances it makes in the areas of performance and security. We are seeing incredible performance numbers that show a 30 percent improvement, which enables higher-end business critical workloads to run on fewer servers and helps customers save on operational and capital costs. On the security side, the Intel chip's new Trusted Execution Technology (TXT) complements VMware vSphere™ with a dynamic chain of trust, helping assure customers that their most precious assets are safe and sound in the virtualized datacenter." –Dr. Stephen Herrod, CTO and senior vice president of R&D, VMware