

# Boost Users per Server and Control CPU-hogging Apps

Ivanti® Performance Manager ensures every user is allocated enough CPU and memory to experience unsurpassed workspace performance. The result? Vast increases in users per server and savings that average up to 40% of your cost on server hardware.

## Performance Benefits:

### Save an average of 40% on server hardware costs.

- Extend hardware lifecycle
- Consolidate hardware needs
- Improve system capacity
- Reduce power consumption

### Deliver the consistent user experience your workers demand.

- Ensure predictable service levels
- Boost user productivity
- Increase overall user acceptance

### System resource entitlement ensures applications are responsive to user actions.

The use of desktop delivery technologies such as server-based computing and virtual desktops is



increasing. Ensuring that applications are responsive to user actions is key to adoption.

System resource entitlement lets you define user- and application-based business rules that allocate CPU and memory across all application-delivery mechanisms. This ensures users receive optimal performance no matter where their desktops and

applications are hosted. Entitlement can be defined on a per-user, user-group, application, or application-group basis, or even based on session status.

**Make certain that applications perform consistently whether on a virtual or physical desktop or in a shared desktop environment.**

Intelligent Process Management™ technology reacts dynamically to changing demand by reallocating system resources, establishing a smooth, seamless response from the environment and a productive working experience for the user.



**Enhancing the speed of business-critical applications improves workforce productivity.**

As the use of resource-intensive operating systems and applications increases, it's becoming a business imperative to gain the most out of existing desktop hardware.

**Key Feature: CPU Throttling**

CPU thread-throttling policies trigger automatically when the system is heavily loaded and. Throttling is applied gradually to any runaway threads within each process. This prevents rogue processes from consuming excessive CPU resource and reducing the quality of service for all other users on the hardware.

**Key Feature: Smart Scheduling**

CPU Smart Scheduler™ allocates CPU resource according to business policy by allocating a relative share to the user or application. For instance, if an application is assigned a share factor that's twice that of a second application, the former will receive higher priority access to the CPU when there's contention.

**Key Feature: Memory Trimming**

Trim working sets automatically based on application events and states, such as application startup, idle, minimized, and in the background. This effectively releases fast-access memory back to the operating system, enabling a significant increase in user density or application instances.

Virtual memory overheads and system paging can be reduced significantly by automatically analyzing and optimizing the way in which dynamic link libraries (DLLs) are loaded by applications. Optimized DLLs are stored in a separate cache and loaded dynamically, leaving the original applications intact.

**Key Feature: Self Healing**

Modern operating systems put a drain on resources and a drag on user experience. For example, users often have poor application experiences in a multi-user environment when high loads occur during morning logons. Ivanti Performance Manager provides dynamic and autonomous resource self-healing to mitigate resource drain and ensure consistent performance.

**“We doubled the user number for even our most resource-intensive apps—a 100% server-utilization improvement.”**

**Adam Wilson**, Enterprise Applications Supervisor  
Grange Insurance

## User Workspace Manager

Ivanti Performance Manager is part of the Ivanti User Workspace Manager (UWM) suite, which also includes Ivanti Application Control, Ivanti Environment Manager, Ivanti Performance Manager, Ivanti Browser Manager and Ivanti File Director. Using a centralized management console for all of the Windows-based applications in the suite, UWM helps organizations to deliver responsive, secure desktops that provide an outstanding employee experience, save money on servers, manage users more effectively and reduce endpoint security risk.

**“Now one Excel power user doesn’t consume all of the resources and freeze everyone’s session.”**

**Calvin Nghe**, AVP of Application and Server Virtualization  
Nationstar Mortgage

## About Ivanti

Ivanti makes the Everywhere Workplace possible. In the Everywhere Workplace, employees use myriad devices to access IT networks, applications and data to stay productive as they work from anywhere. The Ivanti automation platform connects the company's industry-leading unified endpoint management, zero trust security and enterprise service management solutions, providing a single pane of glass for enterprises to self-heal and self-secure devices, and self-service end users. More than 40,000 customers, including 96 of the Fortune 100, have chosen Ivanti to discover, manage, secure and service their IT assets from cloud to edge, and deliver excellent end user experiences for employees, wherever and however they work. For more information, visit [ivanti.com](https://www.ivanti.com)

The Ivanti logo consists of the word "ivanti" in a bold, lowercase, sans-serif font. The letter "i" is red, while the remaining letters "vanti" are black. A small registered trademark symbol (®) is located at the top right of the letter "i".A vertical bar on the right side of the page, transitioning from red at the top to orange at the bottom.

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