

SmartPeak WLM controls the most demanding server-based systems and ensures that hardware resources are maximized and Quality of Service (QoS) is optimized

SmartPeak WLM provides a performance solution capable of managing the most diverse and demanding Windows Terminal Server systems. Workload management and optimization technologies can control the processor, virtual & physical memory and network bandwidth usage of users and their applications.

More users, less servers

CPU control and memory optimization techniques make it possible to support up to 50% more users on each server, reducing your hardware footprint and associated support costs.

Improve quality of service

The default configuration provides an ideal setup for the majority of systems, while additional configuration

options allow for optimal application performance. Resource can be distributed based on the importance of the application, user or even the state that the session or application is in on the system. By controlling resource allocation, SmartPeak WLM reliably delivers resources exactly where needed to match Service Level Agreements, improve Quality of Service and deliver a consistent user experience.

Prevent server lock-ups

Out of the box, SmartPeak WLM ensures that no single application can dominate available system resources. Server lock-ups are prevented and administrators are able to log in and troubleshoot servers - all without the need to set individual limits on problematic processes.

Key benefits

- ➔ Increases the number of users and applications that can be supported on each server by up to 50%
- ➔ Improves QoS, consistent user experience

Our customers say:

“Using SmartPeak WLM has given us a 100% increase in our server capabilities in terms of concurrent connections and resulted in a dramatic reduction in the number of servers required to complete the project.”

Greg Davis, Senior Enterprise Network Analyst, Banner Health

Testing SmartPeak WLM in a Windows Terminal Server Environment

SmartPeak has conducted detailed performance analysis in a controlled environment to analyse the benefits SmartPeak WLM delivers in a server-based computing environment.

The results show a marked increase in the number of users that can be supported on a server, and faster application response times, leading to increased quality of service and lower costs.

	Windows Terminal Server 2003 w/out SmartPeak WLM	Windows Terminal Server 2003 with SmartPeak WLM	Improvement
Maximum number of users on server	40	60	50% more users
Average RAM consumed per user (40 user system)	41.8 MB	29.3MB	29% reduction
Average application opening time (40 user system)	1.0 second	0.8 seconds	20% reduction
Deviation between minimum and maximum opening times (40 user system)	13.8 seconds	2.2 seconds	6-fold