



Keeping Applications in Business™

Somerset Medical Center Relieves Server Performance Pain



Somerset Medical Center® is a nationally accredited, 355-bed regional medical center providing a variety of comprehensive emergency, medical/surgical and rehabilitative services to Central New Jersey residents, staffed by 540 medical and dental healthcare professionals.

To better serve its increasing number of patients, Somerset Medical Center had launched the largest facility expansion project in its history. This included a new emergency department, a new inpatient pavilion, expanded surgical suites, a new same day center and a new comprehensive cancer center. Additionally, a \$10 million initiative, Project Millennium, was conducted to substantially upgrade the medical center's clinical information systems, enabling the transition to a paperless electronic medical record, enhancing efficiency, safety and patient care.

As a part of the project implementing Cerner's full clinical suite, TScale was deployed to increase the scalability and performance of the Citrix® servers running the Cerner applications. The healthcare provider wanted to ensure the success of the project by having maximum performance from its foundation of application servers.

Benefits of Implementing TScale

And it got what it wanted. "TScale increased both the number of concurrent users we can support on our Citrix servers running Cerner applications, as well as significantly enhanced end user responsiveness," said Larry Maurer, Director of IT at Somerset Medical Center.

- The medical center was able to increase the number of concurrent users on the server from 45 to 70 (a 55% increase), while simultaneously delivering reductions in response time for those application users.

"Additionally, the new Performance Management Console allows our Citrix Administrator to manage the TScale agent on our 12 servers—from one console," added Maurer.

Would You Like to Evaluate TScale Advanced?

If you would like to evaluate TScale Advanced and help your Terminal Server systems improve scalability the same way that Somerset Medical Center has, email RTO at sales@rtosoft.com or call 678-987-4302.



System Environment

Somerset Medical Center processes its healthcare information on the following systems:

- 12 Compaq Proliant DL580 Quad Processor Servers, 2GB RAM, 36 GB HD
- Windows 2000 Server, Service Pack 2
- Citrix MetaFrame XP 1.0
- Full Cerner Healthcare Applications Suite