



Top gaming performance across Europe

Leading entertainment company uses Intel® Xeon® processing muscle to give gamers the edge



SUPERMICRO®

“We now have a high-quality, very fast system that allows us to deliver the top performance we need for data-intensive computing, to ensure our customers continue to receive the responsive performance they need from the ESL website.”

Bjoern Metzdorf
Director IT
Turtle Entertainment GmbH

Company

Turtle Entertainment operates the Electronic Sports League (ESL), Europe’s largest league for online gamers. It has more than 2.8 million registered members and more than 600,000 registered teams. Turtle Entertainment offers more than 3,500 professional leagues and amateur divisions for a wide variety of games. Each month nearly 400,000 matches are played with more than 1.6 million visitors logging into the website.

Challenge

Since Turtle Entertainment began operating the ESL website in 2000, it has experienced surging year-on-year growth. As a result, expanding hardware capacities to support user growth and new website technologies have been an ongoing dynamic. ESL’s existing system was based on Linux, Apache, PostgreSQL, PHP running on approximately 100 servers. However, with the advent of Web 2.0 technologies such as real-time interactivity, video streaming, and online chat, the company needed to enhance its Web server and database processing to maintain website render time.

Solution

The company deployed 10 Supermicro SuperServer® 6026TT-HDTRF systems in its horizontal Web server tier, totaling 20 new physical servers. Each server is powered by two Intel® Xeon® processors 5600 series. For its vertically-scaled database system, it introduced four Supermicro SuperServer 8026B-6RF systems, each powered by Intel® Xeon® processor 7500 series. For the Web servers, it tested Web server render time improvement and render time power efficiency and, for the data servers’ database render time, improvement and CPU usage.

Benefits

By migrating to Intel Xeon processor-based Supermicro server systems, ESL significantly improved website render time, resulting in better website response times for ESL gamers. Overall, the new systems improved ESL website performance by 33 percent¹ while increasing power efficiency within the Web server tier by 11 percent¹. Excellent remote management capabilities helped to reduce travel costs to the data center which, in turn, led to lower costs for managing such incidents.

Find a solution that is right for your organization. Contact your Intel representative or visit the Reference Room at www.intel.com/references.

Copyright © 2011 Intel Corporation. All rights reserved. Intel, the Intel logo, and Intel Xeon are trademarks or registered trademarks of Intel Corporation in the United States and other countries.

This document and the informational purposes only.

INTEL MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT.

¹ Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel products as measured by those tests. Any difference in system hardware or software design or configuration may affect actual performance. Intel may make changes to specifications, product descriptions and plans at any time, without notice.

*Other names and brands may be claimed as the property of others.

