

Very few IT organizations fully understand that correcting capacity and performance issues costs a lot less before deployment than after.

— *“The Capacity Planning Software Market,”
Forrester 2007*

TeamQuest tools have provided decision support for operational protocol definition and have helped quantify correlations between workload parameters. It’s been a very effective modeling tool to help us find where we begin to approach the cliff.

— *Verisign success story*

Speed-to-market undoubtedly delivers a competitive advantage.

— *BearingPoint Director Matthew O’Mara*



IT SERVICES

Speed to Market: Software Performance For Every Platform

Customization, new products, and business pressures have pushed the need for speed to an all-time high. The appetite for new and improved offerings will not diminish over time — no matter the state of the economy. The most important success metric is that new software technology must work when brought into an existing IT environment.

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Source: Forrester — The Capacity Planning Software market, June 2007

Speed to market, the hallmark of successful businesses, ramps up service innovation life cycles and increases the number of market releases. Speed is an important factor for gaining a competitive advantage. Capacity, quality and efficiency are just as important.

Properly testing applications before being released into the environment can mean the difference between a market success and failure.

Companies benefit from capacity planned speed-to-market by:

- Platform Independence
- Delivering performance metrics as part of the sales process
- Reducing cost of installation
- Enhancing collaboration
- Quickly reaching targeted markets

TeamQuest Capacity Planning Software helps organizations deliver products and services by enabling organizations to provide accurate, objective information as input to critical business decisions.

Deploy new online applications and services quickly

By using TeamQuest’s modeling and performance monitoring software to pre-test applications and hardware configurations under real-world conditions and varying workload demands, you have the tools to quickly deploy new applications and services

Some of the ways TeamQuest plays a role in bringing new services online include:

- Estimating new application infrastructure needs through simulation
- Improving application availability by discovering potential bottlenecks during development and testing processes
- Predicting application-hardware configurations

Organizations don't have to waste money when testing various hardware configurations for new applications. TeamQuest's Analytical modeling helps you rapidly predict how various application-hardware configurations will perform under scaled-up, production-level workloads. This information enables you to optimize the configuration that's independent of platforms. With effective capacity planning you can accelerate the process of installation and adoption.

Model real-world scenarios effectively in Test Environment

The typical testing environment for a large application is often a subset of infrastructure that supports the current or proposed production environment. Generally, in stress and volume testing, scripts are run that simulate workloads for a specific transaction or user type. Scripts are developed that simulate use of an application while performance metrics are collected from the infrastructure and analyzed to determine how the application affects the infrastructure components for the generated workload.

In general, testing environment infrastructure is commonly shared to test multiple applications or versions of an application, so there is a testing window that must be adhered to, requiring configuration of the infrastructure for each test. BearingPoint and TeamQuest partner in this area to provide a virtual model of a testing environment, allowing additional testing scenarios to be run once a baseline model has been validated.

Once an application has been profiled in the testing environment and the workloads (processes running on each individual system) have been captured and identified by TeamQuest, a virtual model can be created. Why is this relevant? With a valid baseline (control) in place, the workloads or supporting hardware can now be modified and analyzed over a given time period without the issue of physically performing the test, adding additional hardware or script licenses and scheduling lab time.

By implementing TeamQuest's Capacity Planning and Analytical Modeling software you will not only be able to provide the answers to many different business scenario questions, you will have discovered your speed-to-market advantage.

About TeamQuest Corporation

TeamQuest Corporation is the global leader in IT Service Optimization (ITSO), specializing in Capacity Management software. TeamQuest helps IT organizations consistently meet service levels while minimizing costs and mitigating risks. By combining performance data and business metrics, TeamQuest software enables IT organizations to provide accurate, objective information as input to critical business decisions. Companies around the world trust TeamQuest software to help them proactively improve service delivery and support best practices.