

put your product
years ahead of
competition.

Fahrenheit™

Fahrenheit, the performance engineering program of MiddlewareWorks, extends to its customers the proven product engineering expertise of Pramati. Fahrenheit ties together Architecture and Planning with Performance, Scalability, and Sizing to reduce operational costs and eliminate risk, by assuring that your enterprise system will exceed every functional, reliability, availability, and operational objective — AT PEAK HOURS.

Architecture Review
Code Review
Performance Profiling
Tuning and Debottlenecking
Sizing and Scaling
Clusterability Analysis
Reports & Recommendations

Certified Application Servers
Application Designer
Write-Run-Debug-Deploy IDE
JMX Management Framework
Application Diagnostics Framework

Products

JCP Expert Group Member
Sun J2EE Licensee
ECperf and SpecJAppServer Contributor
J2EE Centers of Excellence
Middleware Labs

Experts

Quick Health Check

With a focus on design and code reviews, Pramati experts study the application lifecycle and provide auditing services. Our Quick Health Check process reviews the performance, availability and reliability features in the application. The engagement takes 5 to 15 days, depending on complexity and status of the project at the inception of this phase.

Broad and deep real world experience in handling various types of software projects has allowed Pramati experts to develop the knack of overcoming complexity, and aligning architecture and design for performance, scalability as well as reliability. Our experts provide detailed documentation containing the review of existing architecture and recommendations for improvements.

Tuning

- Enhance processing efficiency
- Minimize per transaction resource consumption and costs
- Identify root causes of performance bottlenecks
- Assess the current state of your server performance and hardware environment
- Help determine the necessary operating system tuning or hardware changes
- Capture information also used in sizing analysis

Sizing and Scaling

- Leverage information gathered from the performance analysis
- Determine the current state of your hardware environment
- Help you understand the impact of anticipated growth on existing configuration
- Identify room for operational growth or new application loading
- Explore hardware alternatives
- Develop a data center growth roadmap for hardware and application workloads
- Identify current and anticipated capacity requirements

Cases

2-week performance analysis of payment gateway

- Understand the application and workloads
- Analyse configurations, environments & issues
- Setup automated load tests
- Initial analysis, and minimal tuning where possible
- Characterize and size hardware requirements
- Identify application bottlenecks
- Recommend performance improvements

4-week ISV application review for performance, clustering

- Detailed architecture & code review
- Focus on coding standards
- Assess and recommend frameworks
- Compliance to the design
- Automated performance characterization
- Source configuration and build process

4-week performance characterization for Intel

- Capacity and resource utilization analysis on various system configurations
- Tune application for improved performance\
- Develop server sizing and capacity planning document
- Develop deployment guide on IA-based servers

3-Week ISV application performance sizing and analysis

- Review ISV application design
- Port Application to Pramati J2EE Server
- Verify ISV-Pramati environment
- Customer bundle functionality testing

MiddlewareWorks

A business unit of Pramati Technologies

Hyderabad 91 (40) 2341 1672

San Jose 1 (408) 435 2700