



V O X E O

Voxeo Application Load & Stress Testing

*emulates heavy call load conditions
and ensures solution quality.*

The Voxeo™ Application Load and Stress Testing service helps ensure enterprises have reliable, high quality voice applications before full scale deployment. Voxeo uses the latest voice and web testing technologies with custom scripts to emulate real world call scenarios and traffic load in a controlled environment. This service leverages sophisticated testing methodologies to penetrate an application and assess its performance with various data inputs under rigorous call conditions and loads.

Reduce Launch Exposure by Emulating Real-World Conditions

Voxeo's Load And Stress Testing service is based on a multi-channel test engine that subjects any voice application to large, rapid and sustained outbound or inbound call profiles. The test generates complex, application-specific call flows, plays and tests recognition of various audio prompts and DTMF tones. As the test engine generates high volume transactions, it measures and evaluates responses, performing statistical analyses used to generate performance reports.

Improve Solution Analysis for Design Flaws

Successful enterprise applications inevitably experience growing and diverse levels of usage. Voxeo's battery of tests helps identify performance issues that could plague any portion of the entire chain of hardware and software supporting the solution, including memory leaks, database lookup times/latency under load, counter overflows, web server performance, threading issues for multiple concurrent sessions, and other serious problems. These types of issues are difficult to identify even under pilot launch conditions, but can create significant performance problems and downgraded application quality when under full scale usage. The determination of how many simultaneous calls can be supported, how call volume affects quality and performance, and the workload levels the application can support will help ensure quality.

The Voxeo Application Load and Stress Testing service provides:

- up to 3,000 total port-hours of testing
- custom scripts to drive your application using expected user inputs
- a measure of simultaneous call load your application can support
- measures of response times your callers will experience
- specified consulting time with Voxeo QA engineering
- identification of application stress points and bottlenecks

For more information about Voxeo Platform Services, please contact:

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