

CitraTest ist eine Softwarelösung zur Testautomation im Bereich Verfügbarkeits- und Antwortzeitüberwachung sowie Kompatibilitäts-, Funktions- und Lasttests. Sie wurde speziell für Anwendungen entwickelt, die über Citrix und andere Terminal Services angeboten werden.

### □ **What terminal server based environments does CitraTest VU support?**

All of them: Citrix MetaFrame, Citrix NFuse, Microsoft Terminal Services, etc. CitraTest VU scripts look at images on the screen, not underlying protocol, so all client types are supported: Citrix ICA, Citrix NFuse web client, Microsoft Terminal Services, RDP, etc.

### □ **What are the system requirements for the CitraTest VU Load Machine?**

A Windows 2000 Server or Windows Server 2003 machine. As a benchmark, a dual CPU machine with 2GB memory will generate 75 CitraTest VU scripts.

### □ **How many CitraTest VU Load Machines will I need?**

Typically 1-3 CitraTest VU Load Machines are used, depending on what size subset of your server farm you want to benchmark. For example, if you use 2 CitraTest VU Load Machines to test 3 servers-under-test, and client side End-to-End response times become unacceptable when approaching 150 virtual users, your servers will support approximately 50 concurrent users each. You can plan the number of servers you need based on the results of a CitraTest VU Load Modeling Scenario.

### □ **Is CitraTest VU image searching logic “position dependent”?**

No, it is dynamic and user configurable. As a global setting, CitraTest VU scripts limit screen searching to a buffer area around each image’s original location, which reduces resource consumption on the Load Machine and increases the number of VU scripts you can run. You can globally increase the buffer area, or within individual script functions you can choose to “search” the entire screen for the image. This would be the case when some aspects of your application, such as desktop icons, are not always displayed at the same location each time the VU script plays back.

□ **What is the CitraTest Measurement Machine?**

This machine is a stand-alone workstation, separate from the Load Machine. CitraTest scripts run on this machine and gather accurate (tenth of a second) End-to-End response metrics from the real user perspective while the Load Machine generates stress on the server(s)-under-test.

□ **Where do I see the Measurement Machine response time results?**

The CitraTest Measurement script records the timer results over the duration of the load test scenario. Response time results are stored in a results database, which is installed with CitraTest in Access, Oracle, MS SQL, and MySQL formats. Predefined Crystal Reports are also installed with CitraTest. These allow you to view Summary and Detail results of all the response timers from the Measurement Machine.

□ **Can I observe server-under-test metrics while the VU Load Model Scenario plays back?**

Yes. The Tevron Controller displays real-time processor and memory metrics from the server-under-test. Also, the Measurement Machine CitraTest scripts can benchmark server-under-test metrics during playback, from within the script logic.

□ **How is CitraTest VU licensed?**

The base licensing model includes:

- (a) CitraTest script development license
- (b) CitraTest VU license for X number of VU scripts
- (c) Tevron Controller license

**Intelligent Solutions GmbH**  
Norsk-Data-Straße 1  
61352 Bad Homburg v.d.H.  
Fon +49 (0) 6172 483 250  
info@intelsol.de

**Intelligent Solutions Schweiz**  
Fon +41 (0) 43 227 5105  
info@intelsol.ch

www.intelsol.de



Die Intelligent Solutions GmbH mit Sitz in Bad Homburg ist ein Softwarehaus und IT-Dienstleister mit innovativen Produkten und Verfahren für die Optimierung von Geschäftsprozessen und IT-Infrastrukturen. Namhafte Unternehmen aus allen Branchen setzen seit Jahren unsere Lösungen für Performance-, Service Level- und Kapazitätsmanagement, End-to-End Application Monitoring sowie für Testautomation und Lasttests ein.

Ein Team von IT-Experten implementiert und wartet exklusiv die CitraTest® Produktfamilie in Deutschland, Österreich und der Schweiz. ITIL-zertifizierte Consultants unterstützen bei der Analyse von Performance- oder Kapazitätsproblemen und bei der Durchführung von Performance-, Service Level- und Lasttests. Die Intelligent Solutions GmbH automatisiert IT-Services und führt schlüsselfertige Lösungen ein. Dabei bauen wir auf die Erfahrung aus mehr als 20 Jahren erfolgreicher Projektarbeit im Bereich Performance- und Service-Management.

**Performance Service für geschäftskritische Anwendungen**

