**DESIGN DETAILS**

- **Scriptless Design and Visual Programming:** Loops, conditions and other "drag & drop" controls simplify test design creation. (Javascript for advanced cases)
- **Advanced Correlation:** Smart extraction of data and dynamic links from pages for variabilization, with no scripts:
  - Pre-defined rules for frameworks
  - Automatic detection and handling of application-specific parameters
- **Powerful Extractors:** Easily define advanced data extraction rules and validate against recorded content
- **Record Mobile Applications:** Supports all devices and applications
- **Web Secure Ready:** Supports SSL and Kerberos, NTLM, Basic, Digest authentications, or authentication by client certificates
- **Push Mode:** Automatic configuration for Push calls (polling and streaming). Push-specific performance metrics
- **Video Support:** Specific metrics including “freeze time” for media content performance under load (video and audio)
- **Shared Elements:** Share business or technical building blocks among several Virtual User profiles

**RUNTIME FEATURES**

- **Live Debug:** See VUs real-time for easier tuning of advanced tests
- **Live Monitoring:** See infrastructure’s behavior correlated with business transaction response times live via pre-configured monitoring modules
- **Unlimited Scalability:** Distributed architecture supports extremely high loads - over a million VUs if needed
- **Hybrid Cloud:** Can use both on-premise and cloud load generators through on-demand Neotys Cloud Platform
- **Network Emulator:** Simulate users accessing your apps with different browsers, IP addresses, bandwidths, latency, and packet loss
- **Smart Population:** Automatically allocates virtual users based on percentage splits of business and technical criteria
- **Add/Remove Virtual Users at Runtime:** Change load while tests are running
- **Threshold Alerts:** Provides fully customizable default threshold values to raise alerts
- **Agentless:** Agentless monitoring ensures non-intrusive remote insight without the overhead
- **Externalized Monitoring Engine:** Monitoring engines can be deployed in sub-networks to facilitate firewall configuration
- **Import:** Import data from external monitoring tools
- **Preconfigured Monitoring:** Monitoring modules are pre-configured with performance counters tailored to your system

**RESULTS FEATURES**

- **Smart Analyzer:** Easily identifies the root causes of issues:
  - List of events where alert thresholds were exceeded
  - Graphs to assist you in analyzing infrastructure behavior
- **Service Level Agreements:** Automatically check the Service Level Agreement for sub-components of the application
- **Reporting:** Every level of detailed reports from overall analysis of behavior to in-depth analysis of data flow to a particular user
- **Business Transaction:** Analyze results from the business perspective
- **Quick Compare:** Instantly compare differences in performance between tests
- **Result Filter:** Filter results using multiple criteria (time period, load generator, transaction problem)
- **Collaboration:** NeoLoad Web can easily display and share charts and tables with anyone involved in performance test execution or analysis who need to use and share test results
SUPPORTED TECHNOLOGIES FOR RECORDING

Protocols
- HTTPS
- RTMP
- Flash, Flex & AIR
- AJAX
- J2EE
- Java
- JSP
- ORACLE Web Services
- AJAX
- Java
- Oracle
- XML
- SOAP
- WSS
- RTMP

RIA/Frameworks
- Flash
- Flex
- AIR
- ORACLE Web Services
- AJAX

Execution Platforms
- Microsoft
- Java
- J2EE
- PHP

Web Services
- RESTful
- SOAP
- MESSAGI WEB SERVICES

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Media
- Progressive Download
- Adaptive Streaming
- RTMP

Enterprise Applications
- IBM
- ORACLE
- SIEBEL
- documentum
- businessobjects
- CRM
- Hyperion
- BusinessObjects
- Microsoft Dynamics
- sage
- KRONOS

MOBILE
- Devices
- Android
- Windows Phone
- BlackBerry

Network Emulation
- EDGE
- 3G
- 3G+300PA
- H Plus
- 4G
- Wi-Fi
- WiMAX
- BROADBAND
- LAB

MONITORING MODULES
- Operating Systems
- Windows
- Linux
- Solaris
- VMware
- Neotys

Application Servers
- Microsoft
- ORACLE
- APPLICATION SERVER
- BEA
- WebLogic
- WebSphere
- SAP NetWeaver
- KAIZING
- J2EE Servers

Database Servers
- MySQL
- ORACLE
- MongoDB

Web Servers
- Apache
- NGINX

Network
- SNMP

INTEGRATIONS
- Integrations with Third-Party Products
- CA Technologies
- CA Unify
- CA Health
- CA AppDynamics
- Jenkins

Neotys Cloud Platform
- Amazon Web Services
- Cloud Services
- Windows Azure

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"Load testing is 6x faster with NeoLoad compared to our legacy tool." - Pascal Auger, Head of Performance Testing, Credit Agricole Technologies & Services

"NeoLoad reduced our script refactoring time by 90%." - Vibhu Dureha, Software Dev Senior Engineer, Dell