

## Resonate Central Dispatch™: Providing Availability and Optimal Performance for Business-Critical Applications

Resonate Central Dispatch™ provides high availability and optimal performance for online services, ensuring a positive end-user experience. Managing all requests at the Web and application tier, Resonate Central Dispatch allows multiple Internet servers to act as a single, scalable, reliable, and easily managed Internet server system. Resonate Central Dispatch scales linearly and requires no feature trade-offs. It is the first and only traffic management product that provisions resources on-the-fly, allowing administrators to bring up and take down servers in real-time, for quick return on investment (ROI).

### Benefits of Resonate Central Dispatch

#### Information Gathering and Intelligent Action

Distributed software agents collect fine-grained detail such as CPU load and memory utilization to determine server health. Resonate Central Dispatch Schedulers test network latency and other pre-defined metrics. Based on the data collected from the agents and the tests performed by the Schedulers, Resonate Central Dispatch can take real-time, intelligent action, routing traffic requests to ensure maximum availability and performance. By effectively managing traffic, client requests are processed quickly and accurately.

#### High Performance, Scalability and Flexibility

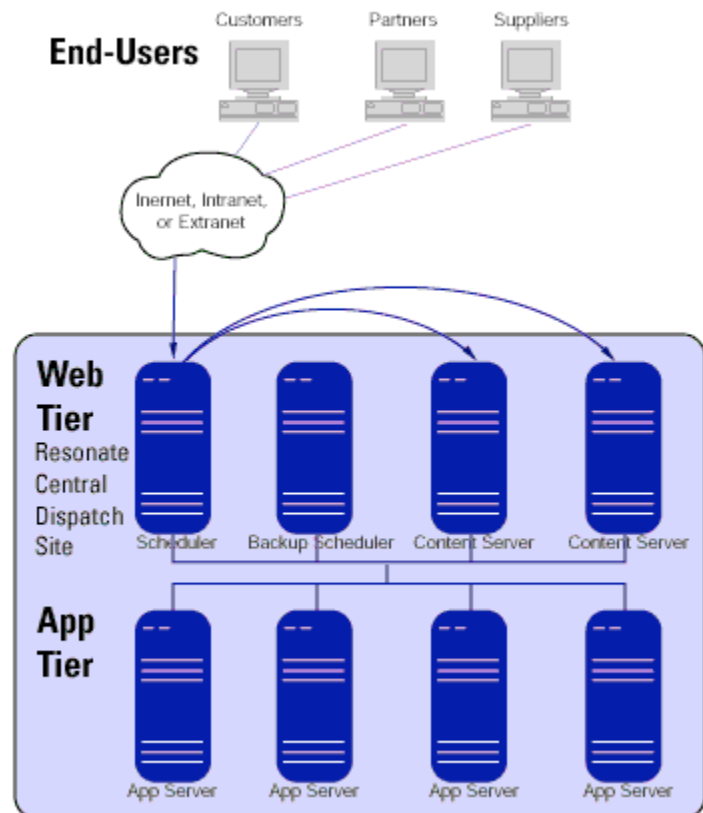
Resonate Central Dispatch software solution scales as e-business applications grow, requiring no changes in existing hardware investments. When servers are added to an e-business infrastructure, Resonate software leverages the additional servers' processors for increased performance. With hardware-based traffic management products, responsiveness is degraded or feature functionality is sacrificed as usage and systems grow.

#### Just-in-Time Capacity Provisioning

E-businesses cannot afford to waste money on under utilized hardware. Resonate Central Dispatch enables administrators to increase the utilization of their assets while maintaining high availability and predictable performance for their end-users. Resonate Central Dispatch gives administrators the ability to dynamically bring resources on and offline and share resources across multiple applications and services.

#### Fastest Time-To-Value, For Quick Return on Investment

Resonate Central Dispatch is quick to deploy and can be up and running in hours or days. The open and extensible architecture enables administrators to integrate Resonate Central Dispatch into their existing infrastructure and deploy on the latest technology. And even better, Resonate Central Dispatch is easy to learn and use - users can be fully trained in just a few days.



<b>Resonate Central Dispatch</b>	
<b>Features</b>	<b>Benefits</b>
<b>Distributed software design</b>	<ul style="list-style-type: none"> <li>• Offers greater system scalability and flexibility</li> <li>• Layers on to the existing infrastructure</li> <li>• Improves control through increased server visibility</li> <li>• Enables remote upgrade and installation capability</li> </ul>
<b>Load balancing API</b>	<ul style="list-style-type: none"> <li>• Allows customization of scheduling decisions based upon each unique web architecture</li> <li>• Provides greater depth and breadth than any other traffic management solution</li> </ul>
<b>Resonate's patented resource-based scheduling technology</b>	<ul style="list-style-type: none"> <li>• Provides superior availability, deployment and implementation flexibility of e-business applications</li> <li>• Optimally matches incoming request with server best able to respond</li> </ul>
<b>End-to-end transaction time measurement (session latency)</b>	<ul style="list-style-type: none"> <li>• Effectively monitors service level objectives</li> <li>• Aids in the optimization of applications within the tier</li> </ul>
<b>Data Stream Processing-Direct traffic based upon any TCP/IP packet field.</b>	<ul style="list-style-type: none"> <li>• Prioritizes incoming traffic to optimal resources (wireless servers, premier service)</li> <li>• Extends scheduling decisions beyond traditional HTTP methods so that no protocol is off-limits</li> </ul>
<b>Enhanced Denial of Service protection: SYN flood protection, large file metering</b>	<ul style="list-style-type: none"> <li>• Guards against possible server crashes and/or overloads</li> <li>• Keeps sites accessible and highly available enabling legitimate users to continue to access important data</li> </ul>
<b>Tight integration with Resonate Commander Solutions and Resonate Global Dispatch</b>	<ul style="list-style-type: none"> <li>• Ensures optimal performance and quick deployment</li> </ul>
<b>Resonate Central Dispatch Support</b>	
<b>Operating Environments</b>	<ul style="list-style-type: none"> <li>• Sun Solaris 2.7, 8 &amp; 9, in 32 and 64 bit</li> <li>• Microsoft Windows 2003 Server and Enterprise Server</li> <li>• Microsoft Windows 2000 Server, Advanced Server (with SP1 to SP4)</li> <li>• Microsoft Windows NT 4.0 Server (with SP5 or SP6a)</li> <li>• Red Linux 9.0 &amp; Advanced Server 2.1</li> <li>• HP-UX 11i, in 32 &amp; 64 bit modes</li> <li>• IBM AIX 4.3.3, 5.1 and 5.2</li> </ul>
<b>Media Types</b>	<ul style="list-style-type: none"> <li>• Ethernet, Fast Ethernet, Gigabit Ethernet from IBM, HP-Compaq, Broadcom, Intel and 3Com</li> </ul>
<b>Protocols</b>	<ul style="list-style-type: none"> <li>• Support for all TCP- and IP-based protocols including HTTP, Proxy, FTP, SSL, POP3, SMTP, and UDP</li> </ul>

## **Resonate Central Dispatch and Resonate Commander™**

Maximizing the availability and performance of online applications is critical to e-business success. Companies are looking for solutions that give them the ability to define, monitor and assure service level objectives. Resonate Commander enables you to reach optimal service levels through fast, proactive resolution of serious service problems. Resonate Central Dispatch is critical to keeping these applications available and optimally performing.

For more information on how Resonate can help you guarantee the end-user service levels of business-critical applications while cutting operating costs, contact a sales representative at [sales@resonate.com](mailto:sales@resonate.com).

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