

## Dynamic Web Acceleration

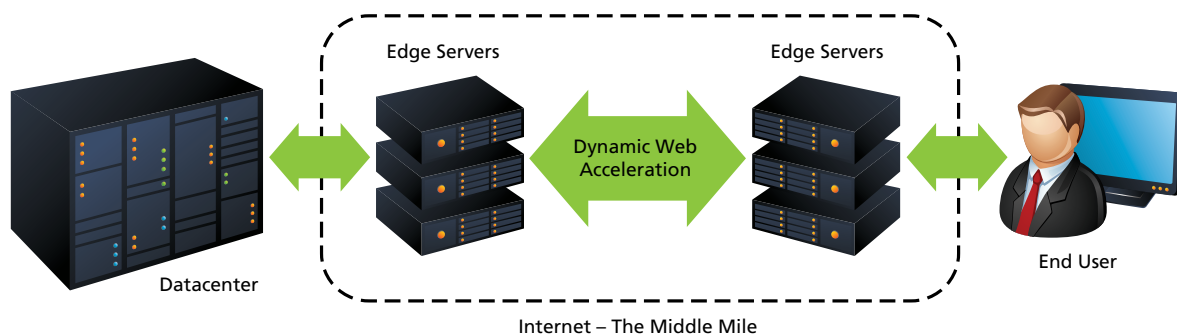
### ACCELERATING YOUR BUSINESS APPLICATIONS AND DYNAMIC COMMERCE SITES

If yours is like many organizations, it's offering access to Web-based applications and dynamic sites so that distributed employees can perform daily work and prospects and customers enjoy a compelling site experience. However, it's no easy task satisfying growing demands for fast and uninterrupted access to applications and sites. While advanced technologies and broadband proliferation have dramatically increased end-user expectations, inherent Internet latency and congestion can cause delays and other performance problems that lead to a poor end-user experience. This is especially true for applications that generate dynamic content and the sites that display it. After all, dynamic content is non-cacheable due to its highly personalized and time-sensitive nature.

CDNetworks' Dynamic Web Acceleration solves this problem by optimizing the middle mile, enabling an unparalleled end-user experience. Because our proven technology reduces the number of data round-trips necessary to complete a web request – even for dynamic content – it accelerates performance and improves the end-user experience.

### ADVANCED TECHNOLOGIES OPTIMIZE TCP/IP

CDNetworks' Dynamic Web Acceleration solution uses cutting-edge technologies to enhance the legacy TCP/IP protocol and maximize transmission of data across the Internet. This advanced solution overcomes the limitations of the standard TCP/IP protocol, which is still the main protocol used for Internet data transmission, even though it was created in the early 1970s as a



narrow-band transmission protocol. By significantly reducing the number of round-trips between the end user and application server, Dynamic Web Acceleration enables the fast transfer of today's rich, computationally intensive applications and data. The result is a LAN-like experience for all end users.

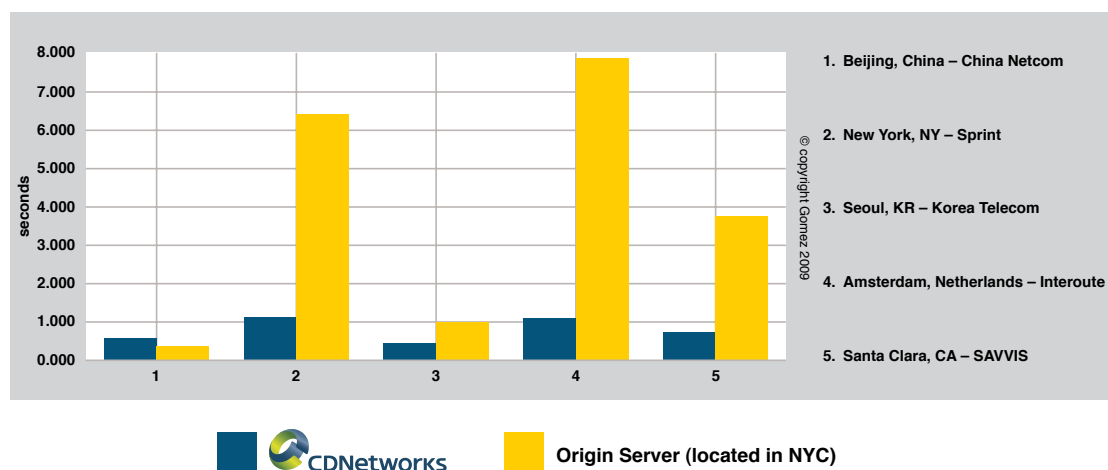
# Dynamic Web Acceleration

## WHY CDNETWORKS DYNAMIC WEB ACCELERATION?

- **Performance** – Virtually eliminates the inherent delays and latencies of the Internet, therefore vastly improving the speed of your web applications.
- **Transparency** – Enables easy integration and provisioning and fast time to market because minimal changes to the Web application or Web Site configuration are required.
- **Reduced Costs** – Eliminate the need to expand geographically distributed datacenters.
- **Customer Satisfaction** – Ultra-fast page load times and a dramatically improved end-user experience means more satisfied, loyal online users.

## IMPROVE THE USER EXPERIENCE WITH DYNAMIC WEB ACCELERATION

The following example compares the performance of a downloaded login page (20KB with eight embedded objects). The yellow bar and line shows the non-accelerated performance from an origin based in New York City delivered to end users all over the world. The blue bar and line shows that same login page accelerated with CDNetworks' Dynamic Web Acceleration solution. Note the 2X – 8X performance improvement at end-user locations around the globe.



To find out more about CDNetworks Dynamic Web Acceleration solution, visit [www.cdnetworks.com](http://www.cdnetworks.com) or contact us at [info@cdnetworks.com](mailto:info@cdnetworks.com).