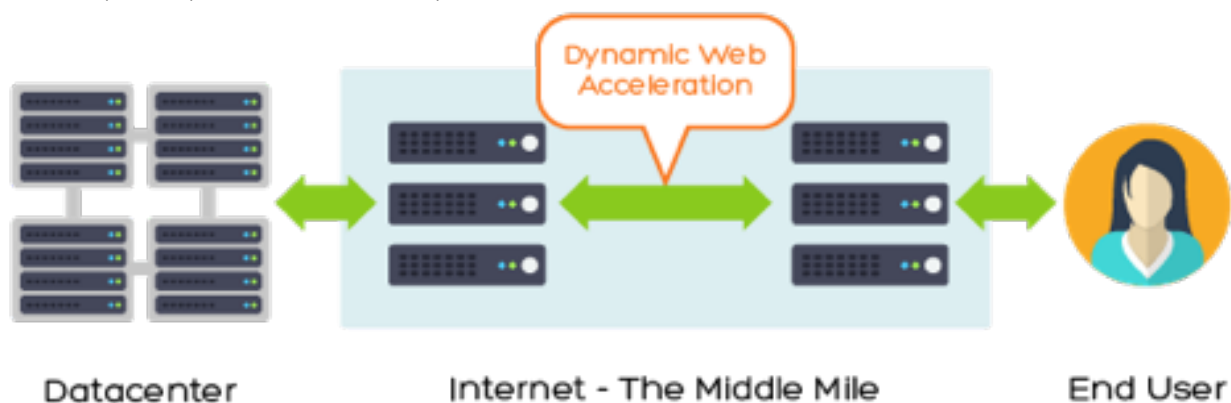


Acceleration of non-cacheable dynamic content, such as shopping baskets, pricing engines, hotel availability and web applications

Accelerating the delivery of dynamic web content

Dynamic Web Acceleration optimises the middle-mile for more efficient delivery of non-cacheable, changing content. By connecting to a local point of presence, users can enjoy a faster, more reliable, more consistent connection.

- Improves performance at the application layer
- Ensures the most efficient use of server resources
- Delivers optimal performance over long haul segments of the internet
- Decreases the load on customers' expensive application server database assets
- Eliminates protocol overheads caused by the properties of TCP and HTTP
- Dramatically improves the performance of APIs
- Speeds up SAP and BMC Remedy installations



By using an optimally tuned TCP stack across the middle-mile, our Dynamic Web Acceleration solution transparently reduces response time. Our standards-compliant solution is designed to address high-latency networks and the request/response nature of dynamic content, while maintaining all the beneficial features of standard transfer protocols. By increasing the TCP throughput and maintaining a pool of open connections, Dynamic Web Acceleration significantly reduces the number of round-trips between the end user and application server, accelerating the response time and providing a LAN-like experience.

Dynamic Web Acceleration uses an optimally-tuned TCP/IP stack across the 'middle mile'. By increasing throughput and using a pool of connections, it significantly increases performance across high-latency networks - necessary to maintain the request/response nature of dynamic content.

This improves application performance for the user, and also ensures a more efficient use of server resources, decreases the load of server database assets, and eliminates protocol overhead.

Dynamic Web Acceleration not only dramatically improves performance, but increases the load that SAP and BMC Remedy installations can handle, while eliminating errors caused by connecting from the public internet - vital for mission-critical applications.

Features:

- ▶ **Application layer acceleration:**
Caching, compression, load balancing, SSL offload are all optimised, plus a complete suite of HTTP acceleration technologies.
- ▶ **Connection management:**
Proactive management of the connection between the CDN and servers.
- ▶ **Advanced Protocol Stack:**
The latest advances in TCP research to improve throughput and advanced techniques that reduce packet loss.
- ▶ **Load and turn reduction:**
Aggregates connections through Origin Connection PoPs while reducing the number of unnecessary back-and-forth transfers between the end user and web server.
- ▶ **SSL offload:**
Acts as an efficient front-end processor to manage SSL connections and requests.

About CDNetworks

CDNetworks is a global content delivery network (CDN) with a fully integrated cloud solution, offering unparalleled speed, security and reliability for the almost instant delivery of web content. Optimised for any device, browser and network, we ensure all users have fast and safe web experience - whether you're serving B2B or B2C customers, mobile employees or remote offices.

CDNetworks accelerates and secures websites and web applications over our strategically built network of global PoPs in both established and emerging markets. We specialise in those parts of the world where keeping a website accessible is most difficult: Mainland China, Russia, South East Asia and the Middle East.

Since 2000, we have been providing our customers with exceptional customer services and support, thanks to our teams of dedicated tech engineers located across the globe. CDNetworks has offices located in the UK, France, Germany, US, South Korea, China, Japan, and Singapore.



Our Global Offices

US 1919 S. Bascom Avenue, Ste. 600, Campbell, CA 95008	+1 408 228 3700
EMEA 85 Gresham Street, London EC2V 7NQ	+44 203 657 2710
Korea Handong Bldg. 2F, 828-7, Yeoksam-Dong, Gangnam-Gu, 135935 Seoul	+82 2 3441 0400
Japan Nittochi Nishi-shinjuku Building, 8th Floor, 6-10-1Nishishinjuku, Shinjuku-ku, Tokyo 160-0023	+81 3 5909 3369
China F1-16 Tower B, Rui Chuang International Center, No 8, Wangjing East Road, Chaoyang District, Beijing, China, 100102	+86 10 8441 7749
China 1502 Tower A, High-Tech Bldg.900Yishan Rd. Xuhui District, Shanghai, China 200233	+86 21 5423 4802-102
Singapore 51 Cuppage Road, #06-07, Singapore 229469	+65 6908 1198

