

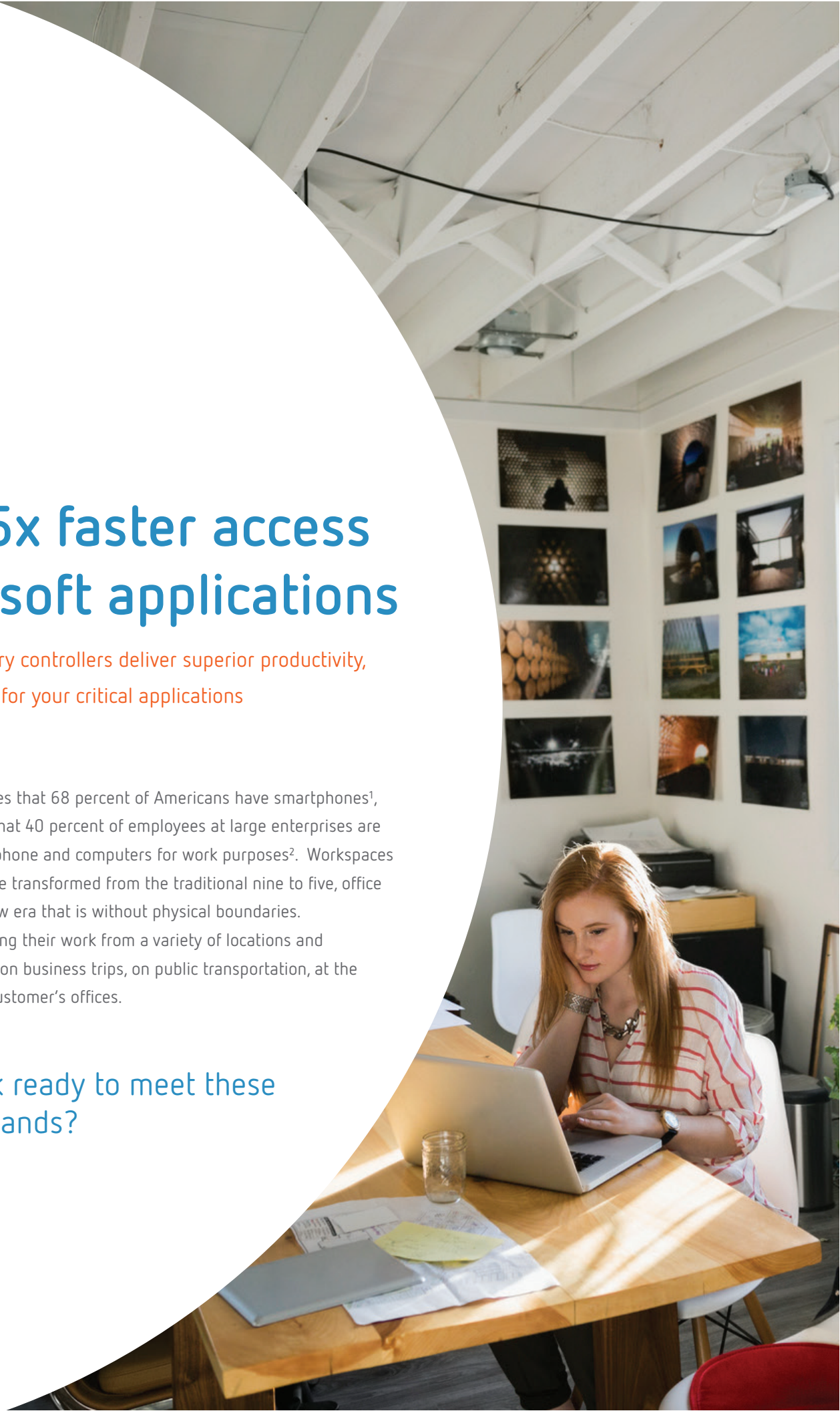


# Deliver 5x faster access to Microsoft applications

How application delivery controllers deliver superior productivity, reliability, and security for your critical applications

A Pew Research Study states that 68 percent of Americans have smartphones<sup>1</sup>, while Gartner, Inc. reports that 40 percent of employees at large enterprises are using their personal smartphone and computers for work purposes<sup>2</sup>. Workspaces as we once knew them have transformed from the traditional nine to five, office based environment to a new era that is without physical boundaries. Employees are now accessing their work from a variety of locations and situations – while traveling on business trips, on public transportation, at the coffee shop or from their customer's offices.

Is your network ready to meet these increasing demands?



A network that is ready provides reliable access to corporate applications and data – including Microsoft enterprise applications such as SharePoint, Skype for Business, Exchange, and Office 365 – from any device or location. Mobile access presents new challenges for IT to deliver applications securely and reliably to support a dynamic workforce.

Problems with dropped VoIP calls, repeated requests for user authentication and slow response times can cause employee frustration, an inability to get the job done, and a sizable increase in support related costs. For your organization to run at full speed, users must be able to access critical applications that are both secure and simple to use.

**“NetScaler solves a lot for us. We use the solution to authenticate and secure all online traffic in and out of the data center. It also increases the speed considerably on service delivery, especially around the SharePoint-based systems. We have had NetScaler so long that we’ve become a bit spoiled. The platform solves a great many tasks and frees time otherwise spent on heavy manual processes.”**

**- Hanne Flostrand  
Deputy Director of the Finance and Administration Department**

Many of these challenges described are related to network performance. Application delivery controllers (ADCs) assist you in achieving optimal performance and availability for Microsoft applications by managing, prioritizing and directing the flow of data across the network.

### **How ADCs ensure optimal performance for your Microsoft applications**

An ADC sits between the network router and servers, acting as an air traffic controller for all traffic. By seamlessly analyzing and authenticating incoming user traffic, ADCs can prioritize applications and deliver an enhanced experience for users – for example, giving higher priority for higher bandwidth needs such as voice calls utilizing Skype for Business or video streaming through a SharePoint portal than retrieving email from Exchange. The speed and performance of Microsoft applications is increased up to five times faster for the end user, which may result in greater efficiencies and improved business productivity.

Citrix NetScaler is an application delivery controller that provides outstanding delivery of business applications with unmatched security and 100 percent uptime.

### **Get maximum value from your Microsoft investments with 100% application availability, security and performance on any device**

With NetScaler, IT can enjoy an easy, seamless integration process with Microsoft applications, even during scheduled maintenance windows. Clear, concise deployment guides and AppExpert application templates help speed up implementation by auto-configuring devices to the recommended settings.

<sup>1</sup> Technology Device Ownership: 2015. <http://www.pewinternet.org/2015/10/29/technology-device-ownership-2015/>

<sup>2</sup> Gartner Says 40 Percent of U.S. Employees of Large Enterprises Use Personally Owned Devices for Work. <http://www.gartner.com/newsroom/id/2881217>

Discover how NetScaler delivers maximum reliability and performance for your most common Microsoft applications.

## Skype for Business

**Collaborate and stay connected wherever you are with crystal clear voice and video on Skype for Business**

Voice and video conferencing with Skype for Business helps keep everyone connected and provides an enhanced collaborative experience for meetings and employee engagement – no matter the location. With NetScaler, IT can easily manage business communications endpoints, including desk phones, mobile phones, and Live Meeting videoconferencing systems.

Installed locally or delivered virtually, users can enjoy clear voice and video for VoIP calls and video even over slow WAN, weak or public Wi-Fi and mobile connections. Furthermore, advanced authentication and on premise Active Directory helps keep data secure.

## Exchange

**Lightning fast access to Microsoft Exchange – up to 5x faster – from any device**

The cloud makes it possible for employees to work remotely and benefit from the same “in the office” experience – whether downloading large attachments, collaborating real-time with Skype for Business or viewing calendars on-the-go. By creating a hybrid cloud for Exchange with NetScaler, employees can access their mailboxes stored in the cloud faster and more reliably while IT keeps Exchange management on premise. In addition, NetScaler gives you peace of mind for Outlook Web Access (OWA) with multi-factor, reverse proxy authentication and single sign-on that keeps remote users secure. Advanced security features ensure OWA sites are **100 percent protected from threats** including DDoS, SQL injection, XSS, and SSL attacks.

## Office 365

**Embrace the cloud with confidence – without giving up control or the security of your users credentials**

With employees working remotely and on-the-run, they need reliable, secure access to Office 365 wherever they are. Maintain the security and control you need when sensitive information enters the cloud while providing an easy, fast way for users to sign in with a single password using built-in SSO authentication. With NetScaler Active Directory Federation Services (ADFS) reverse proxy authentication, passwords are kept where they belong – in your network – not in the cloud, meaning you don’t need to rely on separate usernames and passwords to control employee access to Office 365. Dynamic access control policies including endpoint device scanning and micro-VPNs help apply the appropriate level of access and control that you need.

## SharePoint

**100% availability to your SharePoint sites – with a single, secure click**

When employees can access exactly what they need, when they need it – they’re more productive. SharePoint connects employees across enterprises and improves collaboration and organization of information. NetScaler ensures Microsoft SharePoint sites are always available with 65 percent faster connections from any location and over any network. Employees can get to work faster with a secure, single sign-on to access all of their applications – and they won’t even worry about their data plan when accessing remotely, thanks to average SharePoint data compression of **78.31 percent and faster downloads**.

## Awards and accolades

# Gartner

Nine-year Gartner Magic  
Quadrant Leader in ADCs



Winner in all six  
ADC categories



Winner of the 2015 SDN  
Excellence Award



NetScaler recommended  
by NSS Labs

## Accelerate all application delivery across any network

NetScaler offers a superior range of features to support and enhance your applications – beyond Microsoft use cases. With NetScaler you can guarantee the same quality, performance and acceleration for all your network applications. In summary, NetScaler helps you:

- Achieve greater speed and productivity from your business applications – up to 5x faster
- Reduce TCO through server consolidation and offloading
- Guarantee application availability with superior L4-7 load balancing and GSLB capabilities

### Why choose NetScaler ADC?

Selecting NetScaler to front-end your Microsoft applications ensures optimal performance, reliability and productivity within a single solution, capable of accelerating application delivery by up to 5x faster. Scalable solutions and form factors include hardware-based and virtual appliances for the datacenter as well as cloud-ready virtual appliances for Amazon Web Services (AWS) and Microsoft Azure.

"If we didn't have NetScaler,  
Microsoft Exchange performance  
would be much slower and our  
users would complain."

-Ayd Asraf  
Senior IT Release  
Management Engineer  
Aramex International

Learn more about how NetScaler is the application delivery controller to deliver the performance your business needs at [citrix.com/networking](http://citrix.com/networking)

### Essential Resources

- [See how an ADC helps optimize your Microsoft deployment](#)
- [Single Sign On for Office 365 with NetScaler](#)
- [Deploying Microsoft Exchange 2013 with NetScaler](#)
- [Deploying Microsoft SharePoint 2013 with NetScaler](#)
- [Deploying Skype for Business Server 2015 with NetScaler](#)
- [Deploying Netscaler as a ADFS Proxy](#)

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