

THE CHALLENGES OF CHANGE FOR APPS AND THEIR NETWORKS

MORE APPS, MORE RISK



68% INCREASE

in global app usage with 129 apps per company on average¹

UP TO \$2.5 BILLION

in losses for the Fortune 1000 due to unplanned app downtime costs²

\$100K PER HOUR

the average cost of app downtime just in productivity and data loss³

IT'S NOT THE APP THAT'S FAILING

92%

of companies find it challenging to manage the performance of cloud environments⁴

99%

of enterprises with distributed operations suffer adverse business impacts from network interruptions⁵

9 OUT OF 10 COMPANIES

still rely on centrally managed networks that don't scale for remote users⁶

THE NEW REALITY

MORE FLEXIBILITY

72%

of the U.S. workforce is **distributed and mobile**; 43% of the worldwide workforce will be mobile by 2020⁷

91%

of businesses use the public cloud, 72% use a private cloud, and **most use both**⁸



LESS VISIBILITY

62%

of organizations are **flying blind** with little visibility into their hybrid IT⁹

SECURITY TRADEOFFS

69%

of network professionals find it challenging to strike a balance between **availability and security** within a network¹⁰

THE FUTURE FOR NETWORKS

81%

of enterprises will increase investments in NPM tools by 2021 to **close functionality and visibility gaps** in their hybrid environments¹¹

OVER 50%

will connect to cloud providers using **direct cloud connectivity** from their WANs by 2023 vs. 10% in 2019¹³

94%

are already **accelerating apps** by modifying or overhauling their network to facilitate application delivery¹²

60%

will have implemented **SD-WAN** by 2023—up from less than 20% in 2019—to increase network agility and enhance support for cloud applications¹⁴



ENJOY EXCEPTIONAL PERFORMANCE AND VISIBILITY

The Riverbed Network and Application Performance Platform helps you deliver exceptional network performance and visibility for any application. [See how](#) our best-in-class network performance management, WAN optimization, application acceleration, and enterprise-grade SD-WAN solutions can help you reach the full potential of your investments today and in the future.

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¹ "Employees Are Accessing More and More Business Apps, Study Finds" *The Wall Street Journal*, February 7, 2019

² Shimel, Alan. "The Real Cost of Downtime" *DevOps.com*, February 11, 2015

³ "Application Downtime Statistics" *StatusCast*, March 13, 2015

⁴ "State of Cloud Monitoring" *Riverbed*, 2018

⁵ "Remote Office Networks Pose Business and Reliability Risk A Survey of IT Professionals" *Dimensional Research*, August 2019

⁶ *Ibid*

⁷ "IDC: Mobile Workers Will Make Up Nearly 75 Percent of U.S. Workforce" *Telecompetitor*, June 23, 2015

⁸ "RightScale 2019 State of the Cloud Report from Flexera" *Flexera*, 2019

⁹ "Hybrid IT Adoption & Trends" *ScienceLogic*, 2015

¹⁰ "Network Professionals Are Reshaping IT Strategy" *IDG*, October 26, 2018

¹¹ "IT & Data Management Research, Industry Analysis & Consulting" *EMA*, May 21, 2019

¹² "Citrix and IDC Study: Application Delivery in a Cloud-First World" *Citrix Blogs*, 2017

¹³ "Forecast Analysis: Enterprise Networking Connectivity Growth Trends, Worldwide" *Gartner*, September 20, 2019

¹⁴ *Ibid*