

# 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 average <sup>1</sup>

**UP TO \$2.5 BILLION**

in losses for the Fortune 1000 due to unplanned app downtime costs <sup>2</sup>

**\$100K PER HOUR**

the average cost of app downtime just in productivity and data loss <sup>3</sup>

## IT'S NOT THE APP THAT'S FAILING

**92%**

of companies find it challenging to manage the performance of cloud environments <sup>4</sup>

**99%**

of enterprises with distributed operations suffer adverse business impacts from network interruptions <sup>5</sup>

**9 OUT OF 10 COMPANIES**

still rely on centrally managed networks that don't scale for remote users <sup>6</sup>

## THE NEW REALITY

### MORE FLEXIBILITY

**72%**

of the U.S. workforce is **distributed and mobile**; 43% of the worldwide workforce will be mobile by 2020 <sup>7</sup>

**91%**

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



### LESS VISIBILITY

**62%**

of organizations are **flying blind** with little visibility into their hybrid IT <sup>9</sup>

### SECURITY TRADEOFFS

**69%**

of network professionals find it challenging to strike a balance between **availability and security** within a network <sup>10</sup>

## THE FUTURE FOR NETWORKS



**81%**

of enterprises will increase investments in NPM tools by 2021 to **close functionality and visibility gaps** in their hybrid environments <sup>11</sup>

**OVER 50%**

will connect to cloud providers using **direct cloud connectivity** from their WANs by 2023 vs. 10% in 2019 <sup>13</sup>

**94%**

are already **accelerating apps** by modifying or overhauling their network to facilitate application delivery <sup>12</sup>

**60%**

will have implemented **SD-WAN** by 2023—up from less than 20% in 2019—to increase network agility and enhance support for cloud applications <sup>14</sup>



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

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

<sup>3</sup> "Application Downtime Statistics" *StatusCast*, March 13, 2015

<sup>4</sup> "State of Cloud Monitoring" *Riverbed*, 2018

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

<sup>6</sup> Ibid

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

<sup>8</sup> "RightScale 2019 State of the Cloud Report from Flexera" *Flexera*, 2019

<sup>9</sup> "Hybrid IT Adoption & Trends" *ScienceLogic*, 2015

<sup>10</sup> "Network Professionals Are Reshaping IT Strategy" *IDG*, October 26, 2018

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

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

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

<sup>14</sup> Ibid