

Do I need a cloud-managed network solution?

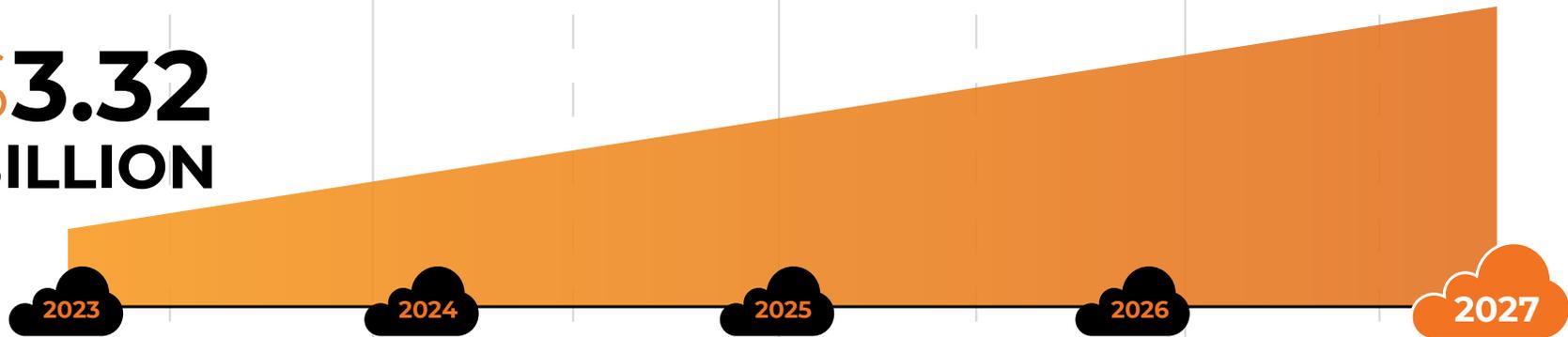
RUCKUS[®]
COMMSCOPE

Here are six questions you should answer



PROJECTED GLOBAL INVESTMENT IN CLOUD-MANAGED NETWORKS

**\$3.32
BILLION**



**\$14.6
BILLION**

Did you know?

Analysts project that global investment in cloud-managed networks will lift from \$US3.32 billion to \$US14.6 billion by 2027—a 21.1 percent compound annual growth rate (CAGR). sources: Forbes, Research&Market.

21.1%
CAGR

As corporate data networks become more complex, pressure intensifies on the IT function to anticipate the business's needs. And while IT budgets remain tight, the drive to delight customers while lifting security, resilience and agility inspires IT leaders to seek solutions that are smarter, streamlined and human-centred.

To support their mission, IT users need a single source of truth that proactively suggests solutions for better, simpler and more transparent decision-making.

Yet, for reasons that range from maintaining legacies to avoiding vendor lock-in, many businesses now use hybrid and multi-cloud networks. While such infrastructures may at first blush deliver price and innovation benefits, over the long haul they may increase administrative complexity and have other weaknesses.

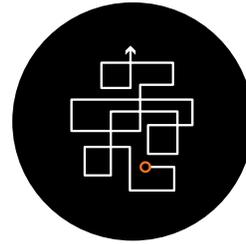
But what if the IT decision-maker could be confident they have total visibility into their networks that were streamlined, scalable, compliant and fit for purpose—even in a dynamic operating environment? Or if they could alleviate the skills crisis with artificial intelligence (AI) and an intuitive app to delight even non-technical staff—anywhere and at any time?

Informed by its heritage supporting businesses, RUCKUS® wrote this ebook to help decision-makers navigate growing complexity in their corporate networks.

How did networks become so complex?

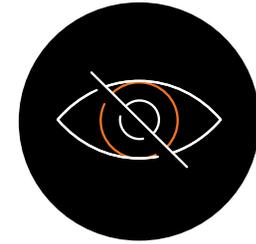
To meet evolving business needs, IT leaders tend to supplement their on-premises infrastructure with public cloud services (or 'mix and match' clouds) to leverage perceived vendor strengths.

However, complex networks tend to erect surprising obstacles. If you recognise these telltale signs, your network infrastructure may be inhibiting your business growth and responsiveness:



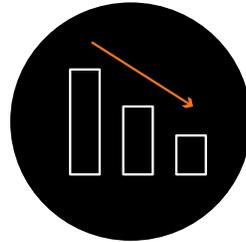
Sacrifices simplicity

Gaining a single source of truth may be challenging because data is siloed in systems that may not talk to each other, unnecessarily complicating IT management and accumulating risks.



Obscures visibility

Multiple systems may obfuscate what is happening across the entire infrastructure, inhibiting decision-making.



Hinders scaling

Impediments ranging from sunk costs of on-premises equipment to agreements with cloud vendors may encumber the business's ability to boost and throttle its network in line with momentum.



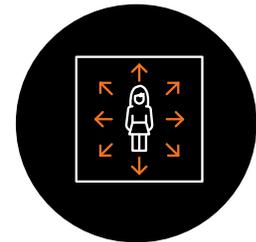
Heightens security risk

Flaws and breaches may be overlooked or lost among the 'noise,' lifting the risk of network compromise.



Elevates total ownership cost

Even though individual cloud services may be comparatively cheap, management overhead may consume savings.



Limits skills access

Mixing skills may be difficult and costly in a competitive market, requiring outside partners to fill capability gaps.

A woman with long brown hair, wearing a green jacket over a white shirt, is looking intently at a laptop screen. Her hands are near the keyboard. In the background, a large, dark question mark is superimposed over a dark, blurred image of a person's face. The overall scene suggests a focus on problem-solving or a complex task.

This ebook will help you understand how to untangle complex networks, derive efficiency, boost return on investment and delight users—including your own staff. And it will explain why businesses may benefit from a cloud-managed network to support their business strategies.

To get started, we need to answer the following six key questions:

1. Have promises of increased simplicity failed to materialise?

Provisioning and managing endpoints in wired, wireless and virtual networks often requires a lot of 'swivel chair' administration between management consoles. To ensure devices and users are uniformly managed, a single pane of glass that is accessible anywhere and at any time using a secure cloud service is preferred. A complementary mobile app should also offer a simple experience without resorting to command-line interfaces—so even low-level support staff can conduct network maintenance tasks on the go. To delight customers and employees, the management experience for technical staff should be consistent, intuitive and straightforward.

2. Do you have the visibility into your network that you need?

CIOs and network administrators value network visibility to monitor and understand its behaviour, predict issues and optimise performance. Without it, they can't boost compliance, detect threats and manage risk, troubleshoot, or plan for growth—vital activities for the business's ongoing performance, security and growth. Analytics platforms that provide timely insights (such as prioritising the severity and importance of security incidents) empower IT users to make real-time decisions that improve the health and sustainability of the business's operations. This is especially critical in Wi-Fi networks that provide guest access, to understand who is on the network and what they are doing in real time.

3. Is your network as scalable (up and down) as you need it to be?

Businesses operating in ever more volatile and uncertain environments value the flexibility that cloud platforms provide, especially as newer and more capable technologies such as Wi-Fi 7 emerge. However, businesses may also wish to preserve their existing network investment. Cloud-managed solutions provided as subscriptions offer the best of both worlds—integrating existing devices while extending the unified network’s reach and capability. Cloud-managed networks speed deployments across sites and geographies, maintaining ultimate flexibility for the business.

4. Are you comfortable that your security posture is consistent and compliant across your entire infrastructure?

Driven by the shift to hybrid and remote work, cybersecurity now ranks as the number two investment for businesses, as concerns swirl around compliance, management and monitoring of networks and devices. Recent prominent, costly and embarrassing breaches have raised decision-makers' awareness of their responsibility to adhere to cybersecurity best practices. Managing a consistent posture across a varied and diverse network is best accomplished through a smart and unified front end. AI and machine learning (ML) technologies help the network administrator identify and act on emerging threats, onboard users and manage guests.

5. Are your costs predictable, manageable and justified throughout your network architecture?

Network expansion is a costly and time-consuming exercise that may create 'lumpy' investment cycles with uneven return on investment. While such drawbacks may be mitigated with financial instruments such as leases, failure to deliver immediate benefits may cruel future IT investment. But with the support of information from a suitable analytics platform, IT decision-makers may adapt their cloud-managed network to changing business needs. Transparent and simple subscriptions that enable the business to reassign device licences are also a tangible benefit for partners managing their customers' IT, and venues such as stadiums and arenas that cater to short-term or itinerant crowds.

6. Can you readily access the skills you need at fair value?

Critical IT skills such as cloud, cybersecurity, AI, analytics, and digital marketing are increasingly scarce. A 2022 survey of 700 Asia-Pacific IT decision-makers found the skills gap threatened two-thirds of organisations. And pointing to the growing skills insecurity, infrastructure downtime threatened 61 percent of respondents. In response, workers are reskilling from disciplines outside of IT such as finance and administration, while existing IT staff are successfully renegotiating higher wages with better conditions. Since the pandemic, IT workers are receiving flexible and hybrid work options, emphasising the importance of smart, remote systems for network management.

NEXT STEPS:

Elevating your infrastructure with RUCKUS One™ network management

If any of the above challenges resonated with you, RUCKUS One may be the answer.

RUCKUS One is an AI-driven network assurance and business intelligence platform that enables enterprises to easily manage a converged enterprise network, make better business decisions, and deliver exceptional user experiences. With flexible subscription and deployment models, RUCKUS One enables IT to deploy future-proof networks simply, reliably, securely and at scale.





With RUCKUS One, any IT/OT(IoT) team, no matter how "lean," can easily provision, manage, optimize and troubleshoot a high-performance multi-access enterprise network through a single web dashboard or a native mobile application. For the line of business stakeholders, RUCKUS One delivers business intelligence and enables

them to define and track business level KPIs.

Visit the [RUCKUS website](#) for more information and [sign up for a FREE trial](#) to see how our cloud-managed network can lift the IT burden from your shoulders.

About RUCKUS: RUCKUS® Networks builds and delivers purpose-driven networks that perform in the tough, unique environments of the industries we serve. Leveraging network assurance and enterprise-wide automation driven by AI and machine learning (ML), we empower our customers to deliver exceptional experiences for every employee, guest, customer, student and resident who counts on those networks to connect with their digital lives. Discover more at ruckusnetworks.com.



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