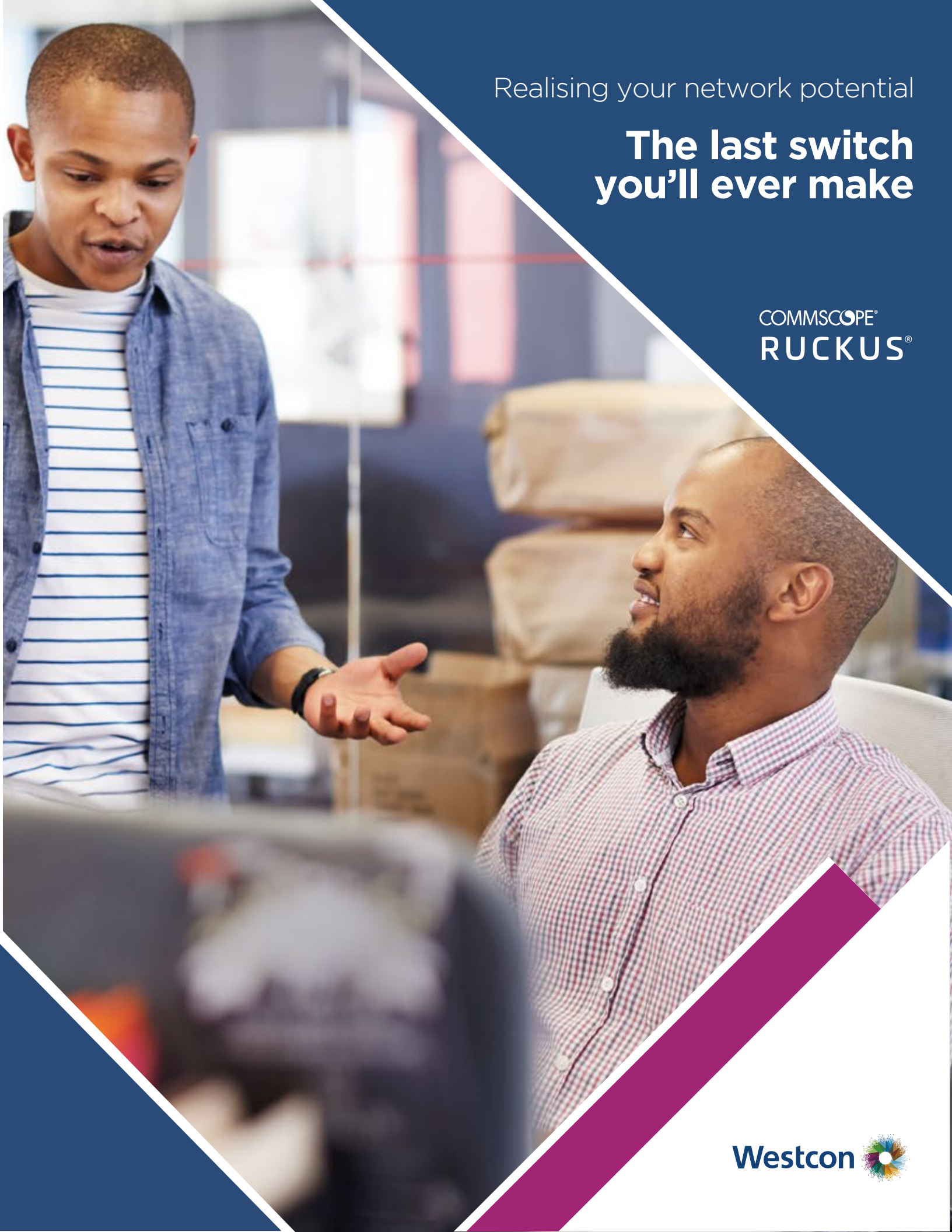Realising your network potential

The last switch you'll ever make

COMMSCOPE®
RUCKUS®

Westcon

Networks for the business of tomorrow

Meeting the growing appetite for connectivity

Adoption of new technologies is no longer exclusively the preserve of large enterprise businesses, with at least one fifth of organisations migrating systems that were traditionally stand-alone, such as physical security, building control, or digital signage, onto the network. In addition to this businesses are deploying an increasing number of real-time delay sensitive applications that put increasing pressure on the network.

44% of respondents in TechTarget's IT Priorities Survey cited upgrading their network foundations as a top priority for the coming year.
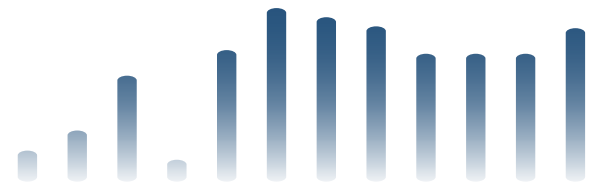
As a result of these trends, spending on Enterprise IT infrastructure deployed at the edge will grow from 10% today to 50% by 2023. Understanding the industry and technology drivers is key to staying competitive and getting the most out of your investment.

With more data-rich business-critical applications and services running on the network than ever before stretching the capacity of aging networks and infrastructure how do businesses keep pace with technological innovation?

The rollout of 5G and Wi-Fi 6 networks will reach a wider range of people and geographies, delivering next generation wireless platforms to better serve applications of the future.

CommScope has explored the key pillars that form the decision-making process, to help IT teams better realise the potential of their end-to-end network and make investment decisions that will stand the test of time.

Armed with this knowledge, will you be ready for:

The Last Switch You'll Ever Make

Stay one step ahead

Switch up the skills gap

Make your investment count

Seize the opportunity

Stay one step ahead

Manage the demands on your core network infrastructure now and in the future

By 2025, 41.6 billion connected devices will generate 79.4 zettabytes of data, 100 times the amount produced by IoT devices in 2019. By 2024, the number of applications at the edge is predicted to grow by 800% as businesses look to reduce latency in data transfer and decision making by IoT devices and automated systems.

Additionally, businesses are accelerating their cloud adoption. Over 70% of businesses in EMEA plan to move more of their business functions to the cloud in the coming years so they can compete in the digital economy.

Delivering connectivity cannot become a burden on IT teams. Consistent and stable IT performance is a priority for 64% of CIOs and network downtime inhibits this.

Many businesses are trying, unsuccessfully, to run these applications and services on old networks that were never designed or built to meet this level of demand. Enterprises need to deliver sturdy, dependable connectivity that performs in the most challenging environments and keeps business critical systems running.

A network that provides robust, reliable, high-performance connectivity and is ready to meet increasing applications demands will allow enterprises to extract more from their applications.

Bring it all together

Technology that keeps your business online

Business survival is no longer dictated by size and strength but by the ability to adapt quickly. For businesses to remain competitive, business strategy must be agile, clear and actionable. Accordingly, businesses have invested extensively in digital solutions to help them stay ahead of the competition.

IT is no longer there to keep the lights on. Three-quarters of CEOs in digitally mature organisations want technology to 'make money'.

IDC recognises the shift in spending from IT to other functional departments, with four in ten companies making business-led IT decisions without formally involving IT teams. These new digitalisation projects create additional networks, increase data demands and require specialist skills to manage and deploy.

Unfortunately, the very skills that businesses rely on to deliver the digital experiences that are now central to their business models are in short supply. According to the Harvey Nash / KPMG CIO Survey 2019, IT skills shortages are at their highest levels since 2008.

Managing multiple networks creates complexity and requires specialist skills to effectively troubleshoot across complex inter-connected systems. A network providing converged management offers a single pane of glass view for greater visibility across the whole network, from the user's device to the core systems. This reduces operating costs by bringing systems together, allows problems to be solved faster, or avoided altogether, and lets IT staff focus on generating revenue.

Make your investment count

Plan for future network requirements while reducing operating costs

Businesses find themselves in uncertain times. Trade tensions and political uncertainty are raising economic risks for the Eurozone, Germany is facing a potential recession and the EU is slashing growth forecasts.

Industry structures and business models are being disrupted by innovation in new products and services; changing cost structures, lowering barriers to entry and shifting value pools.

As a result companies need to re-imagine how to create, distribute and capture value. Businesses need ways to generate revenue and cut costs. One route is investing in digital transformation to modernise systems and prepare for new and faster ways of doing business.

Networks are critical to delivering on transformation and innovation projects but increasing capacity can be a big undertaking, especially when IT budgets remain unchanged. Investing in wireless only is a false economy without a robust wired infrastructure to support the latest wireless technologies.

Selecting a scalable infrastructure which allows businesses to expand their network to meet their needs in a pay-as-you-grow model is critical. Allowing organisations to benefit from conserving CAPEX with high performance solutions and reduce OPEX with converged management.

Businesses need to invest in core networking infrastructure which delivers good value for the entire lifecycle of their investment. As the demands on networks grow exponentially, short term thinking is expensive.

Seize the opportunity

The global economy is reaching digital supremacy. According to IDC, by 2023 half of worldwide gross domestic product will be driven by products and services from digitally transformed industries.

By 2025, 20% of revenue growth will come from previously unassociated industries coming together to create 'white space' offerings, helping businesses adapt to the new challenges and opportunities their digital transformation will create.

Now is not the time to wait. Businesses that don't invest in key technologies and new operating models will struggle to make adjustments, seize opportunities and deploy at the necessary scale to be truly successful.

Investing in networks which deliver converged management to reduce time and money spent on the network, as well as delivering on the necessary scalability and flexibility to minimise cost and disruption during moves, adds and changes is critical to deliver the performance and power needed to run competitive businesses.

Businesses can reduce their total cost of ownership by 20% with CommScope Enterprise networking solutions and benefit from 42% lower operating costs* all delivered via a single pane of glass view of your network to save your IT team time and money. Ensuring your network is ready to scale to future demands as your business continues to innovate today, and tomorrow.

*Cost savings estimate over 5 years based on comparative products and support packages

Realise your
network potential

The combination of Ruckus and CommScope provides greater technology, solutions and employee talent, with broader access to new and growing markets. This combination results in a communications company with unmatched breadth, depth and capabilities.

For more information about the products and solutions, contact your local Westcon account manager.