

Why wireless
is key to
transforming
business
for success
in today's
digital world



EXECUTIVE SUMMARY

- 1. THE NEED TO TRANSFORM LEGACY NETWORKS
- 2. TRANSFORM TO A HYBRID INFRASTRUCTURE WITH WIRELESS NETWORKING
- 3. PROTECT YOUR DIGITAL ENTERPRISE WITH WIRELESS NETWORKING
- 4. ENABLE WORKPLACE PRODUCTIVITY WITH WIRELESS NETWORKING
- 5. EMPOWER YOUR DATA DRIVEN ENTERPRISE WITH WIRELESS NETWORKING
- 6. CONCLUSION

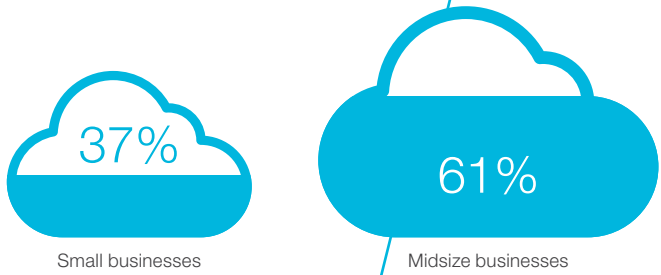
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Executive Summary

The business world is changing, with Mobility, Big Data, Cloud and Security driving new levels of innovation and causing significant disruption across every industry. With technology changing at such a rapid pace and digitisation pushing existing boundaries beyond all recognition, organisations need to transform their IT infrastructures to help drive business outcomes, or risk getting left behind in an increasingly competitive and dynamic market.



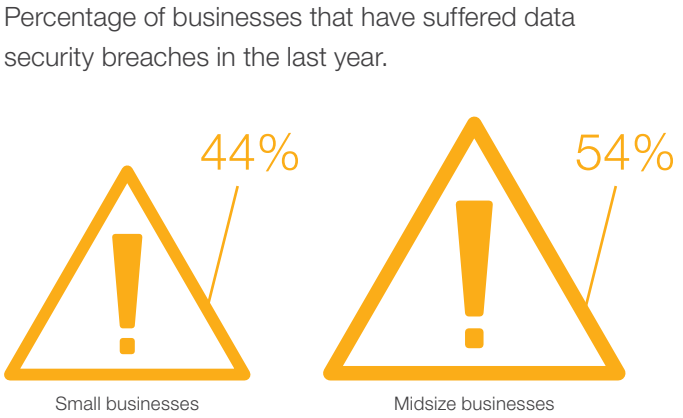
MOBILITY
Your customers and employees want to interact with you on their own devices and their own terms.



CLOUD
Your data and IT services can now be anywhere

Percentage of businesses that subscribe to cloud-based back up and disaster recovery.

SECURITY
Your business faces the constant threat of cyber crime.



HPE has identified the starting point for organisations that want to gain a competitive edge as transformation across 4 key areas:



1. TRANSFORM
to a hybrid, on-demand infrastructure

Make IT more efficient and agile through virtualisation, convergence and cloud – supporting the next generation of applications.



2. PROTECT
your digital enterprise

Access all the benefits of a data-driven world, while proactively protecting business interactions across any location and device.



3. ENABLE
workplace productivity

Gain a competitive advantage by supporting anytime / anywhere access, seamless communication and high-performing applications.



4. EMPOWER
the data-driven enterprise

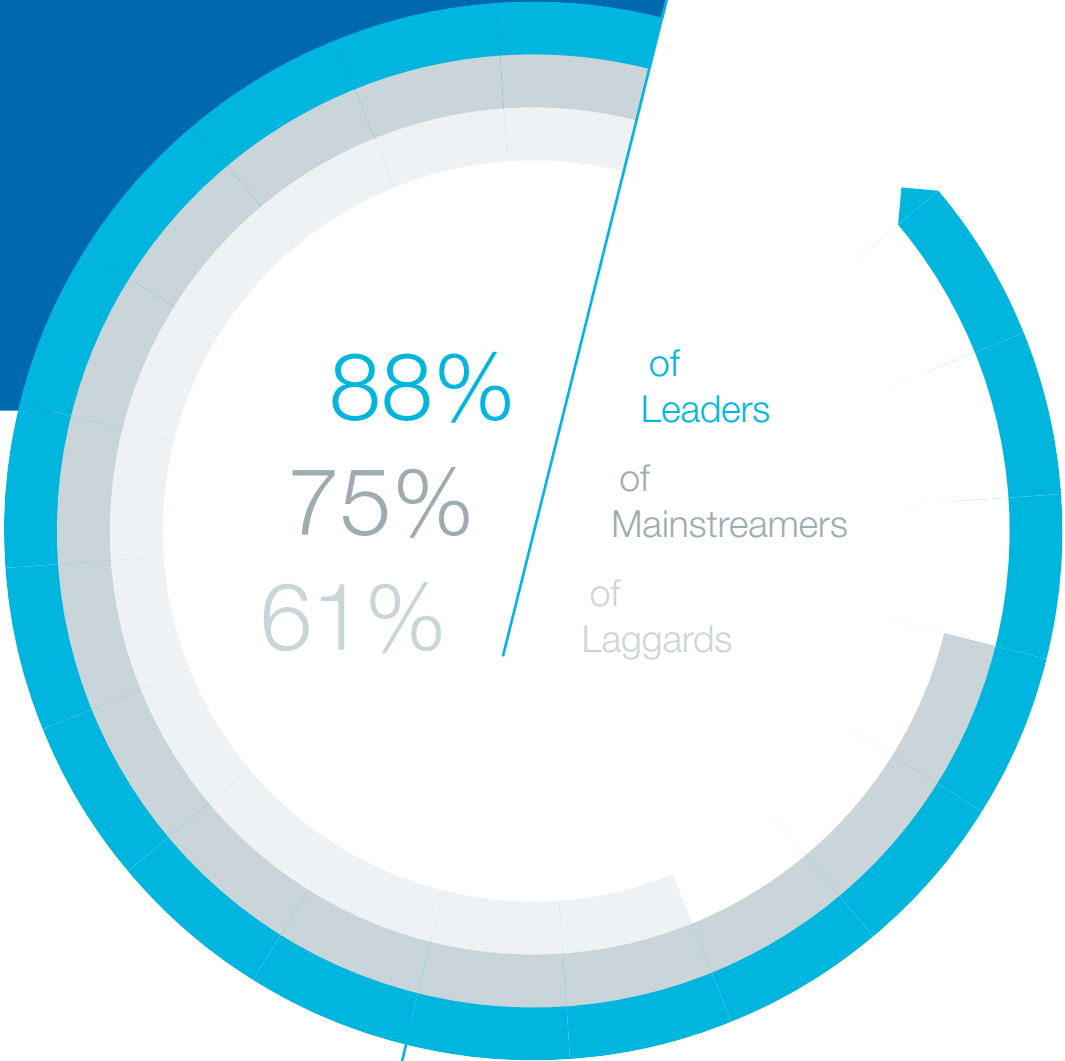
Unlock the full value of business data, regardless of source or scale, generating insights that can drive better business outcomes.

Research from HPE suggests that those organisations that transform their infrastructure to adopt digital technologies in a sophisticated manner can create greater differentiation for their business and generate better business results.

Leading organisations recognise the benefits of changing their IT infrastructure more quickly than less successful firms



Source: HPE Research Report – Profiling infrastructure leaders, February 2015



With the network as the foundation for any IT infrastructure, this thought leadership paper from Azlan explores how the latest wireless solutions can help organisations to secure on-demand infrastructures and become data-driven enterprises.

1 The need to transform legacy networks

UNPREDICTABLE PERFORMANCE

Inconsistent wired and wireless user experience limits productivity

NETWORK COMPLEXITY

Non-integrated network management tools are inefficient, complex and error prone

SECURITY & AVAILABILITY

Ensuring business continuity, support of BYOD and services with robust security policies is difficult

LIMITED AGILITY

Legacy networks are inflexible, inhibit scale and adoption of efficiency innovations

Source: HPE internal estimate

In today's data-driven world, poor connectivity can be the difference between success and failure. How many of us simply take our business elsewhere if an online transaction fails or a response doesn't come quickly enough? The fact is that the new business world demands exceptional and consistent user experience.

Network connectivity is also essential to supporting a modern workforce. Businesses simply can't afford to have their employees restricted to one desk in one location in order to access the information they need, or to have network-related difficulties constantly halting productivity.

Forward-thinking organisations need to move away from traditional, static networks that are hindered by the complexity of device level management tools and manual processes.

70%

of IT Budgets are spent maintaining legacy infrastructure



For SMBs in particular, where budgets and resources are in short supply, wireless networks can become a powerful tool for boosting productivity and supporting collaboration and information sharing. Without restrictions and bottlenecks for accessing network resources such as data, emails and applications, organisations can benefit from:

- **Increased mobility and collaboration:** Real-time data access and communications across all devices, whether wired or wireless
- **Improved responsiveness:** Provide better customer service with up-to-the-minute information always available
- **Better and more consistent user access:** Anytime / anywhere access across the whole organisation
- **Greater flexibility and scale:** Support changing needs quickly and easily
- **Enhanced services:** Provide secure network access to customers and business partners

The key benefits of wireless networks

ENHANCED MOBILITY



EASIER COLLABORATION



INCREASED PRODUCTIVITY



GREATER FLEXIBILITY & SCALE



IMPROVED QUALITY OF SERVICE

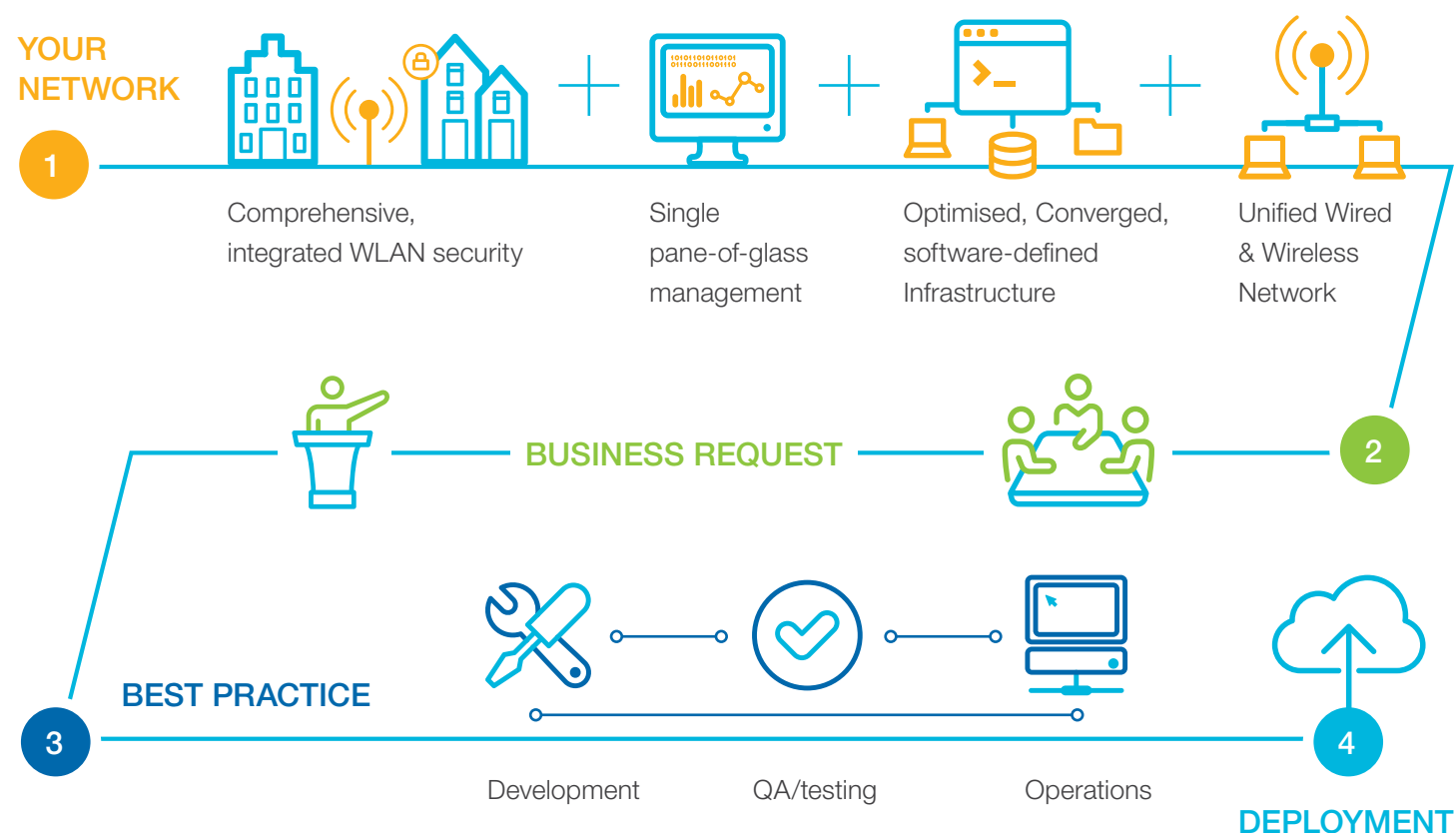


2 Transform to a hybrid infrastructure with wireless networking

Legacy wireless networks were often designed as ‘overlay’ networks, which simply aren’t capable of delivering adequate throughput for today’s digital-hungry workloads. Organisations are now looking to develop hybrid, on-demand infrastructures that will enable them to quickly find the right platform to support any particular workload – optimising the value that’s generated from every business application, whether it’s traditional, mobile or cloud native.

To succeed in supporting an on-demand infrastructure, you need to ensure unified wired and wireless access and management, based on an open, scalable, secure, and agile platform – supporting new applications and service delivery through the cloud.

How to succeed in supporting an on-demand infrastructure



3 Protect your digital enterprise with wireless networking



USER ACCESS

Secure onboarding & policy enforcement



DATA PROTECTION

Device management & network security



SECURITY

Secure network through threat isolation



NETWORK PROVISIONING & MANAGEMENT

Unified wired, wireless and user management

The security landscape has changed and today’s organisations are under pressure to manage the emerging risks created by the proliferation of apps and the shift to mobile and cloud – protecting interactions across any location or device. To protect their network and data, organisations need to strengthen their defences and secure interactions across both traditional infrastructure and emerging cloud and mobile platforms.

Taking a unified, multilayer approach to security will help organisations to reduce security holes and risks. HPE Intelligent Management Center provides a single pane of glass to securely visualise and control the network, reduce network exposure and support user authentication. With the IMC User Access Manager (UAM), customers can enforce uniform security policies and assign consistent access privileges across the entire network. Investing in HPE’s unified wired and wireless technology enables customers to benefit from integrated security features to strengthen defences and secure interactions across both traditional infrastructure and emerging cloud and mobile platforms.

4 Enable workplace productivity with wireless networking

The way we work has changed and the new style of business demands greater mobility and optimised workflows in order to stay competitive. For SMBs in particular, success is directly linked to speed of product and service delivery and efficient use of resources.

This means putting mobility first, with staff depending on wired and wireless networks to collaborate, engage with customers and access company data. Refreshing an ageing network with a unified wired and wireless solution can improve bandwidth as much as 300%, whilst boosting wireless coverage and simplifying network management to ensure a more productive workforce.

It is no longer sufficient for the wireless network to simply be an add-on or overlay to the wired network. Employees, customers and partners expect a seamless end-to-end experience, whilst the business demands the same levels of security, management, and control in their wireless network as they have been accustomed to with their wired network. HPE offers a holistic, end-to-end networking portfolio encompassing both wireless and wired LAN solutions and single-pane-of-glass management.

Ways to increase your workplace productivity



Streamlined infrastructure and simple management



Fast & secure access – anywhere, anytime, on any device



Unified communication and collaboration

Today's workplace

Transformation

Advantages of a simplified, unified wired and wireless network



ACCOMMODATE MORE USERS, DEVICES AND DATA



REDUCE NETWORK COSTS



REDUCE COMPLEXITY

5 Empower your data driven enterprise with wireless networking

Big data stresses your IT infrastructure in many ways, with large datasets and varied complex data sources coming into the business, as well as varying, complex information demands requiring output. Being able to unlock the value of your data through insight and analytics is key to business success in today's digital world, so it's critical that your network infrastructure is capable of delivering the speed, access, connectivity and security needed to meet changing demands.

Every minute counts when it comes to empowering today's data-driven organisations and wireless networks are a powerful tool for boosting productivity and encouraging information sharing. Wireless LANs enable instant access to documents, emails, applications and other network resources from locations and devices that would be difficult to connect to a wired network. This gives businesses real-time access to the data they need to drive business value and improve customer service.

HPE's Wireless network solutions have been designed to help organisations manage data growth effectively. The unified portfolio is based on open standards, with integrated security and management to meet ever increasing performance and traffic requirements seamlessly, including growing numbers and varieties of devices and rich media traffic.

6 Conclusion

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As organisations attempt to transform to a new style of business, Azlan anticipates that wireless networking will emerge as a success-defining technology. With record numbers of endpoint devices and business-critical applications accessing the network, the winners will be those organisations that succeed in providing a holistic, unified wired and wireless experience, while incorporating new levels of automation and control to reduce the management burden.

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Explore the business benefits of investing in HPE wireless networking solutions in more detail:

IDC White Paper: Delivering ROI and Value from edge to core

HPE 2015 Report: Profiling Infrastructure Leaders

Simplify your network with unified wired and wireless solutions

Experience the benefits of a unified network

Improve productivity and enhance collaboration with a unified wired and wireless network

Increase growth through improved customer connections

What you need to know when upgrading your business wireless network

A best practices approach to creating a mobile-centric organisation

