

# The IT Challenges coming in 2025

(AND HOW TO TACKLE THEM)

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SYSTEMS



As we look ahead to 2025, the world of IT is changing fast. With the advances in new technology come new challenges that businesses must be prepared to face. Are you ready for what's coming?

In this article, we break down the biggest IT challenges for the next few years and offer practical solutions to help you stay ahead of the curve.

NUMBER ONE

# Cybersecurity: The Threats Are Getting Smarter

Cyberattacks are more common and more sophisticated than ever before. In 2025, we'll be dealing with smarter, AI-powered threats that are harder to spot and prevent. While 66% of organisations expect AI to have a major impact on cybersecurity in 2025, only 37% report having processes in place to assess the security of AI tools before deployment. This means that traditional methods of security won't cut it anymore. The challenge? Protecting your business and your customers from these advanced risks.

*\*Source: World Economic Forum Report, Jan 2025*

**THE RISK:** More frequent attacks, ransomware, data breaches and social engineering



NUMBER TWO

# AI and Automation: A Double-Edged Sword

AI and automation are going to transform how businesses run—giving us faster, more efficient ways to work. But there's a catch: it'll also disrupt jobs and raise questions about how we use these technologies responsibly. The challenge? Using AI to boost efficiency without losing the human element or creating new risks.

**THE RISK:** Job losses, privacy issues, over-reliance on automation, **loss of control**



NUMBER THREE

# Cloud Complexity: Managing Multiple Cloud Platforms

More businesses are moving their data and services to the cloud\*, and by 2025 most companies will be using a hybrid of different cloud providers. While that sounds great, it also means more complexity. The challenge? Keeping everything running smoothly across different cloud platforms without getting stuck with high costs or tech issues.

*\*Source: Gartner*

**THE RISK:** Wasting money, poor integration, losing control of your data, contractual lock in with provider





NUMBER FOUR

# Data Privacy and Compliance: Staying on the Right Side of the Law

Data privacy laws are tightening up worldwide. In 2025 76% of CISOs at the 2024 World Economic Forum Annual Meeting on Cybersecurity reported that fragmentation of regulations introduces significant compliance challenges. Businesses will have to navigate a maze of rules about how to handle and protect customer data—especially with laws like GDPR and others popping up around the globe. The challenge? Staying compliant and protecting your reputation while dealing with all these regulations.

**THE RISK:** Fines, lawsuits, and damage to your brand's reputation.



NUMBER FIVE

# The IT Talent Shortage: Finding the Right People

There just aren't enough skilled IT professionals to go around. Whether it's cybersecurity experts, cloud architects, or AI specialists, businesses will have a tough time finding the talent they need to stay competitive. The challenge? Keeping up with digital transformation efforts when the right people are hard to find.

**THE RISK:** Struggling to hire, falling behind in tech innovation, or facing project delays.





# Simple Solutions to Stay Ahead of the Game



SIMPLE SOLUTIONS TO STAY AHEAD OF THE GAME

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NUMBER ONE

# Level Up Your Cybersecurity with AI and Automation

To fight back against smarter cyberattacks, companies will need to use AI to monitor and protect systems 24/7. Using tools that automatically detect and respond to threats can help you stay one step ahead. As cybercriminals get more advanced, so does the need to protect your people and your systems.



SIMPLE SOLUTIONS TO STAY AHEAD OF THE GAME

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NUMBER TWO

# Embrace AI Without Losing the Human Touch

AI can do a lot of things, but it's important to balance automation with human creativity and judgment. Focus on upskilling your team to work alongside AI, making them part of the process, keeping humans in the loop, instead of replacing them. This way, you can boost efficiency while keeping your workplace human-centred. What you offer is unique so enhance that, don't rely on AI as a "fix it all" for all the challenges you face.



SIMPLE SOLUTIONS TO STAY AHEAD OF THE GAME

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NUMBER THREE

# Simplify Cloud Management with the Right Tools and People

Managing multiple clouds doesn't have to be a nightmare. By using cloud management platforms that offer a single dashboard for all your cloud services, you can keep everything running smoothly—without wasting money or dealing with constant tech headaches. Platforms such as Nutanix Cloud Manager or Microsoft Azure provide useful management tools to optimise cloud based resources and simplify processes.



SIMPLE SOLUTIONS TO STAY AHEAD OF THE GAME

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NUMBER FOUR

# Build a "Privacy-First" Culture

Stay ahead of new data privacy laws by adopting a "privacy by design" approach. This means protecting customer data from day one—whether it's collecting, storing, or processing. You can also use tools that help automate compliance, so you're always ready for any audits or regulatory changes. Information Security Management Services (ISMS) such as ISO 27001 are becoming essential rather than a "nice to have".



SIMPLE SOLUTIONS TO STAY AHEAD OF THE GAME

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NUMBER FIVE

# Outsource IT Tasks to Trusted Experts

If finding skilled IT talent is a struggle, consider working with a managed service provider (MSP). These companies specialize in keeping your IT running smoothly, offering support for everything from cybersecurity to cloud management—without the need to hire in-house experts and avoiding expensive headcount increases. The best of these companies will be aware of the latest developments in technology, enabling them to provide the very best advice, products and services.





# **Be Ready for the Future: Don't Wait Until It's Too Late**

In conclusion, the IT landscape in 2025 will be filled with opportunities and challenges. By staying informed and proactive, businesses can navigate these changes successfully. Embrace new technologies, prioritise cyber security and invest in talent internally or externally to ensure your business remains competitive and resilient.



If any of these challenges, risks and solutions stand out, we'd love to chat further.  
At Twin Systems, we have spent the last 30 years advising and consulting on all things IT.  
We're an independent, expert IT solutions provider, ready to work with you on the key  
challenges your business faces in 2025 and beyond.

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