

Enterprise Horizons 2024: The network impact

AI, the cloud, and digital initiatives

The research is clear on enterprise digital transformation ambitions. AI, automation, Big Data, and the move to the cloud have been identified as hugely beneficial.

But there's still a "digital maturity gap" when it comes to implementing digital-first strategies.

So what's holding enterprises back?

The appetite for digital initiatives vs the reality of implementing them

There's a very close relationship between all four of these technologies as AI applications rely on the cloud, cloud usage can pose cybersecurity challenges, and SD-WAN has robust security features that support cloud strategies.

The top four technology investments for the next 12 months:



42%
AI/ML



37%
Security/
Cybersecurity



35%
Cloud or
multi-cloud



30%
Software-defined
networking
(SD-WAN, SD-LAN, SASE)

Source: IDC InfoBrief, sponsored by Expereo, "Enterprise Horizons 2024, Technology Leaders' Priorities on Their Digital Business Journey", #EUR252162924, June 2024.

The roadblocks to digital initiatives are multi-faceted:

Ultimately, IT capabilities are stretched and struggling to deliver transformation. Talent is in short supply and external partner usage is on the rise to plug the network gap.

Common roadblocks to implementing digital strategies:



Talent shortages
and skill gaps



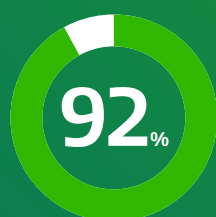
Difficulty integrating
new technologies
with legacy systems



Data security and
privacy concerns



Network
performance or
bandwidth issues



92%
of organizations
report a shortage
in network security
skills within their
IT teams

Source: Cybersecurity
Workforce Study from ISC2

Services organizations are using external partners and MSPs to support:



49%
Networking



46%
Cybersecurity



40%
Cloud

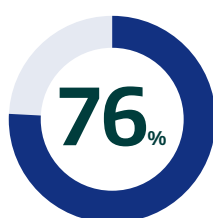


35%
Data, AI,
automation

Source: IDC InfoBrief, sponsored by Expereo, "Enterprise Horizons 2024, Technology Leaders' Priorities on Their Digital Business Journey", #EUR252162924, June 2024.

Transformation needs the network, and the network needs transformation

As it currently stands, enterprise networks need support across the board to support digital initiatives.



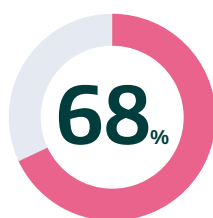
76%
of IT decision-makers
believe that network
complexity hinders
digital transformation
initiatives

Source: Worldmetrics.org

Network traffic is
expected to grow
at a compound
annual growth
rate of



Source: Ericson



68%
of organizations
believe that network
visibility is essential for
maintaining a strong
security posture

Source: Forrester on
behalf of Infoblox



1/3
organizations don't
have full visibility
into their network
infrastructure and
traffic

Source: Forrester on
behalf of Infoblox

How can you transform your network to support your AI, cloud and digital initiatives?

Enterprise networks are both the roadblock and the key to digital transformation.

Many organizations are already starting to transform their networks, as Software Defined Networking was the fourth most popular transformation investment. Deploying solutions like SD-WAN, SD-LAN, Enhanced Internet and SASE can support your networks with:



1 Increased
flexibility
and agility



2 Higher
performance,
lower latency,
reliable
application
responsiveness,
etc.



3 Centralized
management
and visibility



4 Unproved
security and
compliance

To learn more about what's keeping 650 global technology leaders awake at night, check out the *IDC InfoBrief, Enterprise Horizons 2024: Technology Leaders' Priorities on their Digital Business Journey*.

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