

Delivering  
modern campus  
networking  
your way





# Introduction

The impact of digital transformation over the last decade on the networking landscape cannot be overstated. The explosion of distributed endpoints, spurred by remote working, proliferation of data intensive applications (hosted both on-premises and on clouds), branch office, has exponentially grown network complexity from a multitude of unknown threat vectors. And a modern campus network may be just the vaccine you need to combat the existing digital pandemic.



## Is your network ready?

Whether you're a large single campus network or a multi-site campus network, modernizing it is a critical step. Your campus infrastructure and operations need to keep pace with the changing business shift and demands. This means removing network complexities, simplifying operations, and embracing automation to provide a dynamic and agile software-defined infrastructure.

Enterprises need to swiftly act and transform their legacy campus networks to ensure digital readiness and steer seamless network transformation. And HCLTech stands poised to help enterprises build a more available, resilient and better performing campus network to improve overall customer experience.

# Customer Challenges

Traditional campus networks face a barrage of ongoing challenges, including:



## Hybrid workplace

As hybrid and remote work style has become pervasive, enterprises are forced to reprioritize the role of the traditional networks as per hybrid workplace requirements.

## Aging, complex traditional networks

End-of-life (EOL) network equipment brings associated security risk and operating cost challenges.



## Increasing device diversity

Growing adoption of IoT devices, BYOD (Bring Your Own Device) policies and edge computing, the number and types of devices connecting to campus networks have dramatically increased. This requires a modern network design to manage, secure and provide quality service to all these varied devices present in a campus.

## Rising user expectations

Today's users expect a robust, seamless and high-quality network experience. Additionally, they anticipate reliable, high-speed connectivity, whether they are using video conferencing, accessing cloud services or streaming multimedia content.



## Security threats

Traditional perimeter-based security models have significant limitations and are no longer sufficient to combat today's network complexity. Instead, a zero-trust security model is becoming the new norm.

## Data Growth

The surge in data creation and consumption demands networks that can handle high volumes of data traffic, often in real-time. This is particularly true in a campus setting with dramatically increased usage of video collaboration tools.



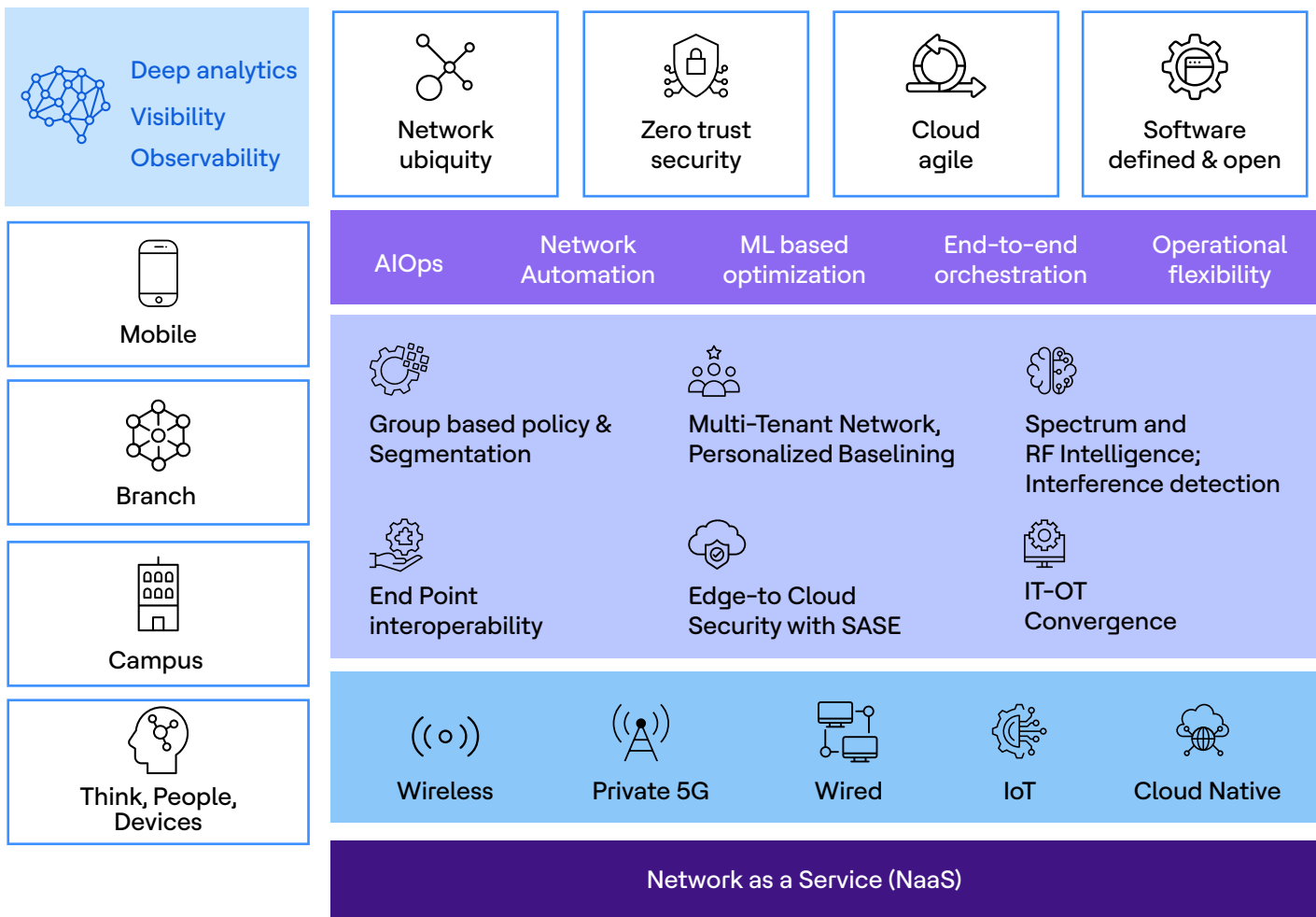
## Solution overview

A new architecture approach for meeting modern campus needs



HCLTech's Managed LAN/WLAN services offer next-generation software-defined Local Area Network (SD-LAN) and wireless capabilities to deliver seamless connectivity, mobility and network performance through centralized policy-based administration, plug-and-play provisioning of WLAN devices and proactive performance management.

Further augmenting these advantages are our solution capabilities with Private 5G, IT-OT, Wi-Fi 6, Multi Edge Computing (MEC) and integrated solutions – with vertical specific use-cases (manufacturing, retail, logistics and more) and our automation-first approach to delivery using our DRYiCE iAutomate (erstwhile NetBot) platform – to provide pervasive network ubiquity, deep analytics, network observability, role-based access privileges and more. The framework is built with distinctive layers orchestrated by a single point of visibility and control.



### HCLTech Managed LAN/WLAN offers:

- Cloud-native architecture that is scalable, flexible and secured.
- Industrial-grade private 5G, WiFi6. ZigBee and BLE connectivity.
- Deep visibility and insights into endpoint identity, composition, location and behavior.
- Agile network-as-a-service (NaaS) options that are tailored according to your business needs.
- Comprehensive NetOps control driving network intelligence.
- A strong edge-to-cloud security foundation for zero trust and SASE.
- Network efficiency using AIOps, network automation and orchestration features.



# Benefits



Simplified LAN/WLAN management with complete network observability



Unified management of WLAN, switches, VPN and WAN



IT-OT convergence and integrations with leading providers



Offers choice of cloud and on-premises management options



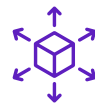
Prioritizing end-user experience with client-side insights



Enhanced IT efficiency with AIOps-enabled analytics and intelligent network automation



Consistent, role-based policies for Zero Trust security



Flexible consumption and services options

## Looking forward

Make a move to the HCLTech Campus Network Solution and unlock state-of-the-art campus networking capabilities to simplify and secure edge-to-cloud management, automate manual tasks and remove LAN/WLAN sprawl that optimizes your business and end-user experiences. Give your IT teams what they need to deliver the right network performance. If you're planning a network upgrade, HCLTech Campus network solution is the right solution.

For discussions around this topic, write to us at [Contact.NGN@hcl.com](mailto:Contact.NGN@hcl.com)

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