

5G for Enterprises

A graphic featuring the text "5G Everywhere!" in white, set against a vibrant purple and blue background with glowing circular patterns and light trails, suggesting a futuristic or high-tech theme.

As Enterprises continue with digital transformation initiatives for – cloud infrastructure, automation, virtualization, and connectivity, they are also deploying fixed and mobile 5G technologies now to support requirements for; Multi Access Edge Computing (MEC), Internet of Things (IoT), and Private 5G networks. The 5G journey is fluid, and enterprises are choosing how to enter the 5G arena to ensure continuous support of mission critical and business critical services; and to realize new revenue.

Technologies Are Ready; Are You?

MEC

The MEC paradigm surpasses the Telco Mobile Edge and extends to any location within the network where compute and storage resides to support bandwidth and latency requirements for a superior user experience. The fast-paced and dynamic nature of edge compute requires transparency and optimization to ensure rapid response to service interruptions. Enterprises need to proactively include consistent and scalable monitoring capabilities in their 5G deployment strategy to ensure high quality user experience.

IoT

MEC is leading the charge for IoT and IIoT to the 5G edge for enterprises with varying challenges – connectivity, multi vendors platform, endpoints communication, automated onboarding of devices and much more. With the expected increase in the volume of IoT devices and the distributed nature of the edge network, enterprises must consider a real-time IoT monitoring strategy to evolve support for 5G enabled services such as AR/VR, autonomous vehicles, manufacturing robotics, and remote healthcare sensors for both local and remote sites to ensure real time automatic data collection for high performance and continuous innovation.

5G Private Network

Enterprises and Government entities that require highly available and reliable dedicated networks with high network performance levels, together with coverage flexibility are looking into deploying 5G private networks. Use cases support productivity gains in industrial operations from - factory floor automation, real-time situation awareness (e.g. HD video surveillance), to preventative maintenance. Enterprises will need a real-time end- to- end monitoring strategy to successfully operate private networks.

5G NOW

NETSCOUT® Helps Enterprises Get 5G Ready NOW With:

- Multi-Vendor Partnerships
 - Multi-Cloud Certified
 - Visibility Without Borders™ – for any service, any cloud, any network, any workload
 - Seamless End-to-End Smart Visibility Into:
 - Multi Access Edge Computing environments
 - Multi-cloud environments (Public and Private)
 - Edge Cloud, network slicing, and north/south, east/west traffic for public and private cloud applications and services
 - Multi-vendor solutions across physical, virtual, and hybrid networks
 - 5G/IoT/Wi-Fi
 - Service Level Agreements (SLAs)
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NETSCOUT's Visibility Without Borders Help Enterprises Transform

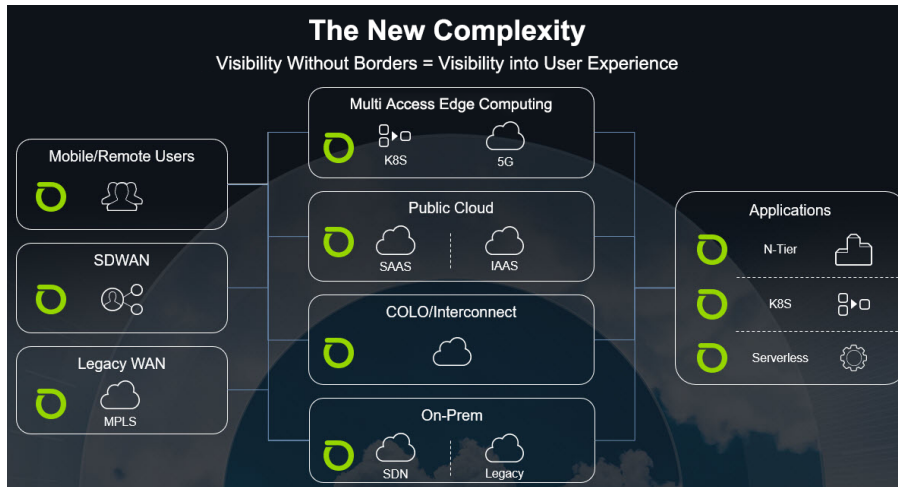
The 5G journey is evolutionary and contains many borders associated with end-to-end monitoring within cloud technologies, vendors, and services. Enterprises need a monitoring solution to help transform with confidence and agility, manage risks across locations - regions, branches, campus offices to ensure efficiency, and reduce cost. Enterprises need Visibility Without Borders.

Visibility Without Borders allow enterprises to achieve the most pervasive, real-time, automatic monitoring capabilities on the market for actionable insights – from anywhere, for any cloud, with any application, and utilized with any infrastructure with our Smart Data solution for successful insights:

LEARN MORE

For more information about NETSCOUT's 5G solutions visit:

<https://www.netscout.com/solutions/enterprise-5g>



NETSCOUT's 5G NOW Solution

NETSCOUT® is a multi-cloud certified company with unparalleled software quality and knowledge of 5G/IoT cloud-native network environments. Our 5G NOW solution for enterprises allows ITOps/DevOps to deploy with confidence from a single pane of glass and consist of multiple software appliances with our nGeniusOne® platform, Smart Data; and for testing, our nGenius®Pulse:



nGeniusONE
Troubleshooting



Smart Data
Analytics



nGeniusPULSE
Testing from anywhere

5G READY NOW

NETSCOUT is 5G READY NOW; our monitoring solutions support both 3GPP 5G non-standalone and 5G standalone environments. Our Smart Data solution, and the resulting visibility it delivers, is the secret enterprises need to consistently make informed decisions.

5G is a journey; finding the right partners to evolve deployment to meet current needs and future growth is important to successfully navigate the fluid and advanced nature of 5G networks and services.



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