DELLTechnologies

AT&T MEC WITH DELL APEX
Redefine your Edge with a Future-Ready, Intelligent Mobile Network Architecture

Executive Summary

Installed on-premises, AT&T MEC with Dell APEX solution acts as an intelligent traffic controller and data processor. It connects the designated devices to the cellular network and routes data traffic based on parameters set by the customers' business.

Solution Spotlight

AT&T MEC with Dell APEX enables you to keep selected cellular data within your local area network. This helps bring cloud computing capability to the on-premises network Edge and helps you get the most out of your cellular-reliant devices and your local cellular network.

Key Takeaways

16%
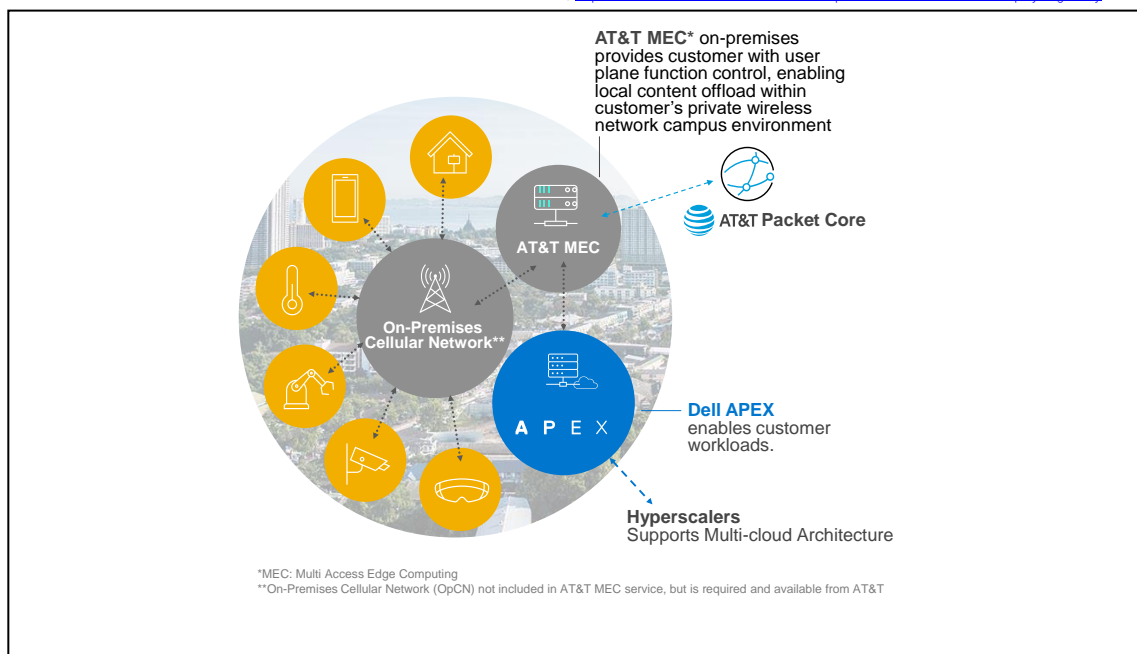IT Organizations that plan to invest in Edge computing in 2023[1]

50%+
Manufacturing and government drive private 5G network spend[2]

955
Private networks have been deployed globally on LTE or 5G in 72 countries, according to The Global mobile Suppliers Association GSA Q3 2022 report[3]

1 Info-Tech Research Group: Tech Trends in 2023 report https://www.infotech.com/research/tech-trends-2023-report
2 TBR – Private Cellular Network Forecast, July 25, 2022
3 https://telecoms.com/518907/almost-1000-private-networks-have-been-deployed-globally

AT&T MEC* on-premises provides customer with user plane function control, enabling local content offload within customer's private wireless network campus environment

AT&T MEC

AT&T Packet Core

On-Premises Cellular Network**

Dell APEX enables customer workloads.

A P E X

Hyperscalers Supports Multi-cloud Architecture

*MEC: Multi Access Edge Computing
**On-Premises Cellular Network (OpCN) not included in AT&T MEC service, but is required and available from AT&T

Solution Features

Self-Service	Servicing configuration and centralized management via Dell APEX console.
Consistent Multi-Cloud Operations	Common management framework security and workload mobility across multiple clouds
Cloud Connectivity	Seamless connectivity to partner and cloud infrastructure and services
Time to Value	Get up and running in production rapidly

Key Points – Why Choose Dell Technologies?

Better Connectivity & Coverage	A cost-effective way to enhance the capabilities of your existing private network through intelligent data routing and prioritization of your data traffic.
Address Privacy Concerns	Localize mission-critical data to help meet security and privacy requirements, further enabled by leveraging VMware Carbon Black.
Ultra-Low Latency	Ultra-low latency potential for near real- time data processing, allowing for quicker and higher ingest into localized storage within the Dell APEX Cloud.
Privacy and Security	A private and secure environment to run critical enterprise applications on Dell Technologies HCI platforms.
Cellular Connectivity	With AT&T cellular coverage and an On-Premises Cellular Network you're ready for AT&T MEC with Dell APEX.
Customizable	An "application ready" platform that can be custom tailored to provide these solutions.
Extendibility & Localization	Helps support the ability to extend cloud-based applications to the local environment.

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