Redefine your edge with a future-ready, intelligent mobile network architecture

To improve productivity and the experiences of employees and customers, today’s top companies maintain a vast web of cellular endpoints and Internet of Things (IoT) devices. However, standard, centralized network architectures limit the use of those devices inside their private and latency-sensitive environments. AT&T Multi-Access Edge Computing (MEC) helps solve this problem.

AT&T MEC 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. With AT&T MEC service, you can harness the power of today’s networks (like LTE, 5G sub-6, and 5G mmWave) and tomorrow’s network technologies to deliver newfound levels of intelligence, control, reliability, security, and speed to your network architecture.

An emerging, disruptive force in the world of network architecture, MEC lays the groundwork for a myriad of new industry-specific use cases. Thanks to AT&T MEC, you can accelerate the power of cellular to work within your business’s LAN. MEC enables the near-real-time data processing and ultra-low latency that many of today’s business functions require.

Features and potential benefits

• Get ultra-low latency potential for near real-time data processing
• Localize mission-critical data to help meet security and privacy requirements
• Control user data at the device level and/or application level
• Gain highly reliable cellular network coverage and the ability to set routing policy for private network computing

Equip yourself for the future

AT&T MEC service is built with technology designed to scale with your business, offering you a future-ready network that evolves as you grow and as new technologies emerge. Adopting AT&T MEC allows you to form a relationship with a service provider dedicated to developing this technology to enhance a broad set of functions from those already well-ingrained in your business, to those yet to be discovered.
Optimize your network for increased performance and new opportunities

Installed on-site, AT&T MEC acts as an intelligent traffic controller and data processor. It connects your designated devices to the cellular network and routes data traffic based on parameters set by your business. It’s here that your high-priority, mission-critical data can be routed to your private wireless network environment, rather than sent further down the traditional paths of the packet core, remote server locations, or the Internet. This ‘short-cut’ in the data traffic processing flow, along with intelligent data routing and differentiation of network traffic, provides many potential benefits:

- **Ultra-low latency** – Bringing computing power closer to the edge of your on-premises wireless network enables data processing in near-real time. AT&T MEC helps equip your network with the ability to power many emerging technologies reliant on low-latency connections, such as virtual/augmented reality, artificial intelligence, video and image transmission, and real-time data analytics.

- **Better connectivity and coverage** – Many companies are struggling to meet connectivity demands. Infrastructure challenges make fiber-optic additions too costly, and Wi-Fi expansions can fail to meet reliability and performance demands. AT&T MEC, powered by AT&T cellular connectivity, provides a cost-effective way to enhance the capabilities of your existing private network through intelligent data routing.

- **Enhanced data security** – Unlike the traditional model, AT&T MEC does not route all your data to the cloud for processing. Instead, data you consider sensitive or proprietary may be kept locally within your internal network, mitigating the risk of it being illegally accessed or stolen. This helps keep your private data within your control.

Because AT&T MEC is data intelligent, it can be programmed to act as the bridge between your cellular and wireline networks. The reliability, security, and speed associated with a wireline network is now translated into wireless.

**Do more with your network with additional options**

MEC is available in multiple MEC Service Configurations to meet your site needs for throughput and number of devices. While MEC Service is limited to a certain number of Authorized Devices, an optional MEC Device Add-On feature is available to increase this number. Additionally, MEC Service offers an optional MEC Guest Opt-In Add-On feature that allows Customers to authorize designated non-Customer owned devices used by designated non-Customer users to benefit from the MEC Service as long as the total number of devices is within the number of Authorized Devices. Also, as an alternative to using MEC with DAS, MEC with Macro Cellular provides the ability to cover large outdoor areas such as a distribution yard or campus, utilizing the radio frequency of an adjacent macro-cell tower.
AT&T can identify and implement the technologies and services you need – from one edge of your business to the other – to help create efficiencies, better protect your business, and boost your bottom line. We offer the right products and network solutions, plus the expert consulting and support services, you need to help your business thrive.

Important Information

General – The AT&T Multi-Access Edge Computing solution, optional Device Add-On and MEC Guest Opt-In Add-On features, and the alternative MEC with Macro Cellular connectivity solution as described in this product brief (the "Solution") are available only to eligible business or government Customers with a qualified AT&T agreement ("Qualified Agreement"). The Solution is subject to: (a) the Qualified Agreement, and (b) applicable MEC Sales Information found at http://serviceguidenew.att.com/sq_flashPlayerPage/MEC and for MEC with Macro Cellular, as applicable, the AT&T On-Premises Cellular Network Service Guide found at http://serviceguidenew.att.com/sq_flashPlayerPage/mibs. Any service discounts, equipment discounts, and/or other discounts set forth in the Qualified Agreement do not apply to the Solution. The Solution may not be available for purchase in all sales channels or in all areas and may not be accessible at all times. The Solution may require additional, software, hardware, services and/or network connections. Availability, accessibility, security, delivery, speed, timeliness, accuracy and reliability are not guaranteed by AT&T. FirstNet SIMs will not work with the MEC Service. Additional fees, charges, taxes and other restrictions may apply. Offer subject to change.

Requirements – The MEC Service requires the use of specific equipment that meets standards set by the Federal Communications Commission.

The MEC Service uses either an AT&T approved and compatible DAS with an AT&T Smart Integrated Access Device ("SIAD") and baseband unit ("BBU") that operates at each Customer Premises Site, or connectivity to an adjacent qualified AT&T macro cell tower pursuant to the terms and conditions of the AT&T On-Premises Cellular Network Service Guide. MEC Service using either form of connectivity requires a qualified AT&T wireless data plan or other approved data routing method. The DAS, SIAD, BBU and data/routing plan must be obtained separately from the MEC Service.

If Customer’s use of the MEC Service includes a Customer owned and operated DAS or other RF transmitter at the Premises Site using AT&T’s Frequencies, Customer will be responsible for complying with the FCC RF exposure regulations.

The MEC Service requires the configuration, installation, provisioning, testing and turn-up of the AT&T Equipment at the Premises Site. Customer must provide AT&T with at least sixty (60) days’ notice identifying the Customer Application(s), Customer network equipment, and Customer configuration that will be used for MEC Service testing. Following the Service Activation Date, Customer shall provide AT&T with at least sixty (60) days’ notice of any changes to Customer equipment or configuration related to the installed MEC Service. AT&T will determine if a change request for the MEC Service will be required to prevent adverse impact to the MEC Service.

Customer must provide AT&T physical access to the Premises Site for installation, maintenance and administration, and remote access to provide necessary software updates and security patches. Customer is responsible for the physical security of the AT&T Equipment used for MEC Service on the Premises Site and for maintaining the security of the wireless connectivity between the MEC Service and Customer. After consultation with Customer, AT&T shall have the right without liability to suspend or terminate Customer’s access to the MEC Service if AT&T determines that Customer has failed timely to comply with its security obligations.

Once the MEC Solution is implemented, Customer shall use the MEC Service Manager portal to establish and maintain policy for local traffic routing and local content breakout by wireless devices or device group(s). Customer’s authorized users must use wireless devices either a) with AT&T SIMs and on AT&T data plans or b) with their traffic routing designated as “Restrict to Local” in the MEC Service Management Portal. In order to establish an “Application Specific” routing policy, Customer must input port, protocol and destination IP addresses. Cellular traffic intended for an Authorized Device will be routed to the Customer’s private network and its designated destination. Cellular traffic intended for a device not authorized to use the MEC Service will be routed directly to the AT&T public wireless network. For an additional charge, a MEC Device Add-On feature is available to increase this number of Authorized Devices above the number available with their initial MEC Service Configuration. For an additional charge, MEC Guest Opt-In Add-On Feature allows Customer to include non-Customer owned devices of designated non-Customer users as Authorized Devices to receive customized MEC Service routing policy treatment. The aggregate throughput for all Authorized Devices must not exceed the maximum throughput allowed for the MEC Service.

AT&T has the right to monitor the operation of the AT&T Equipment and reserves the right after notice to Customer to disable or shut down such AT&T Equipment if interference is determined and until AT&T is able to eliminate the cause of interference. AT&T has the right to review Customer Applications that may adversely affect the AT&T wireless network or MEC Service. If AT&T determines that Customer’s traffic types or traffic volume associated with a Customer Application(s) is incompatible with MEC Service or may reasonably be detrimental to the AT&T Network, AT&T has the right to suspend Customer’s access to the MEC Service until modifications requested by AT&T have been implemented by the Customer. AT&T will wipe or delete any Customer data remaining on AT&T Equipment that has been removed by or returned to AT&T.

Customer understands that AT&T’s Network is evolving and that supply chain and technology changes may impact the MEC Service. Accordingly, AT&T reserves the right after consultation with Customer to modify, suspend, or discontinue the MEC Service at any time, upon advance written notice to Customer; provided that if AT&T modifies or discontinues the installed MEC Service, AT&T shall attempt to identify and provide a functionally equivalent or better alternative MEC Service at no additional cost to Customer for the remainder of the Term. If a functionally equivalent alternative MEC Service is not available on commercial terms reasonable to AT&T, AT&T may terminate its MEC Service contract without early termination liability subject to a pro-rated refund to Customer of amounts prepaid.

The AT&T Help Desk is the Initial Point of Contact for the MEC Service. The AT&T Help Desk will provide a team of specifically trained professionals to oversee the handling of incidents and follow-up. Call: 800-317-0935. Hours of operation are subject to change.

For more information, call your AT&T representative or visit att.com/MEC
PRODUCT BRIEF