A differentiated network experience for your mission-critical data traffic

AT&T Dynamic Traffic Management – Public Safety

Prioritize your mission-critical data traffic and help ensure public safety and security

In an emergency situation, seconds can make the difference in saving a person's life. Law enforcement officers, fire fighters, emergency medical technicians, and critical infrastructure entities depend on mobile technology during times of emergency, but commercial mobile networks can become highly congested when nearly everyone around you is using their wireless device.

AT&T has a solution that will enable first responders and critical infrastructure to do their jobs effectively during times of network congestion.

Move your data traffic through the congestion

AT&T Dynamic Traffic Management – Public Safety, a solution for Corporate Responsible User (CRU) devices, uses quality of service ("QoS") network technology to enable qualified first responder and critical infrastructure customers to experience priority treatment of their mission critical data traffic on the AT&T-owned domestic 4G LTE network. This means that during times of network congestion, approved mission critical applications will have a better experience on the AT&T network than non-approved applications or subscribers. Additionally, Public Safety benefits from priority access to the domestic AT&T 4G LTE network for authorized CRU subscribers but will not preempt other users' use of the network.

Make sure your data is first to arrive

AT&T Dynamic Traffic Management – Public Safety gives you the ability to better manage your mission-critical applications, particularly valuable during times of emergency and network congestion. Sample use cases include:

• Prioritize computer aided dispatch (CAD) data traffic for reliable receipt of 911 call information to mobile responders
• Give first responders priority access to the AT&T 4G LTE network ahead of the general public, whose use of the network may be limited to such things as the sharing of videos, snapchats and instagrams
• Prioritize patient and diagnostic information through the use of applications designed to ensure the timely delivery of critical data to hospital ERs and expedite patient treatment upon arrival

How it works

AT&T Dynamic Traffic Management – Public Safety customers can apply and maintain Class of Service from the AT&T Virtual Private Network through the AT&T 4G LTE network, and back, ensuring business operations don't skip a beat. Capabilities include:

• Optional MPLS connectivity
• CoS marking between LTE & MPLS network
• Priority Treatment on RAN
• Allows customer to mark IP Packets (DSCP)

If you do not choose to mark IP packets, AT&T Dynamic Traffic Management – Enterprise allows you to differentiate your mission-critical business data traffic by maintaining an application list also known as a manifest to enable priority per the following applications:

• Collaborate
• Enhanced Push-to-Talk (EPTT)
• MS Skype for Business (premise based)
• WebEX (dedicated WebEx site, e.g., AT&T, IBM) support

Additionally, AT&T's premium NetBond® solution customers can apply Class of Service from their LTE mobile end points to their cloud-hosted applications as well. When combined with Private Mobile Connection's Proxy Mobile IP solution AT&T delivers a simple, effective wireless backup solution for AT&T Virtual Private Network customers.

Benefits

• **Priority**
  Your authorized users obtain access to the network before the general public

• **Productivity**
  Prioritize your critical data from non-critical data to promote the rapid and consistent exchange of information

• **Simplicity**
  No additional software needed for your CRU lines[2]

• **Experience**
  Enables a differentiated network experience for application data traffic when network resources are in demand

AT&T Dynamic Traffic Management – Public Safety	
Monthly recurring charge (per CRU line)[1]	$15.00

Gain better control over your network

Choose which mission-critical applications receive differentiated QoS treatment on the AT&T-owned domestic 4G LTE network, such as:

Real-time interactive apps
• Video calling, voice over IP, Incident Management/Collaboration and push-to-talk

Mission-Critical apps
• Dispatch, criminal justice databases and in-vehicle data sharing

Machine-to-machine apps
• Command and control, telematics, automatic vehicle locator, video cameras and monitoring

The AT&T difference

Choose which applications need priority treatment and greatly diminish the possibility that the data sent using your critical applications will be impeded by non-critical applications. The AT&T difference includes:

• Passing class of service markings between wireless and wireline networks including AT&T Virtual Private Network
• Enabling primary and backup wireless 4G LTE routers to use Differentiated Services (DiffServ)
• No limit on throughput rate for prioritized data
• Integrates with other AT&T solutions such as: AT&T Virtual Private Network, NetBond® and Enhanced Push-to-Talk
• Facilitate data communications between CRU devices and your data center when you combine AT&T Dynamic Traffic Management – Public Safety with other AT&T solutions such as, AT&T Virtual Private Network, Netbond®, or Wireless WAN backup

Contact your AT&T Representative to learn more about how AT&T Dynamic Traffic Management – Public Safety can benefit your organization.