



# 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.

## 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

## 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<sup>2</sup>
- **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) <sup>1</sup>	⋮	\$15.00
---	---	---------

## 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.

<sup>1</sup>Authorized CRUs usage of AT&T Dynamic Traffic Management - Public Safety on any qualified Wireless Data Service Plan may not exceed 22 GB a month for three consecutive months; AT&T reserves the right to require Customer to move to another Plan if usage exceeds this limitation. AT&T may proactively reassign Customer to another Plan upon notice to Customer, unless prohibited under the Business Agreement or regulation.

**AT&T Dynamic Traffic Management—Public Safety:** Available only to qualified state and federal public safety and emergency management organizations and entities responsible for the construction, maintenance and repair of critical infrastructure with a qualified AT&T Corporate Digital Advantage Agreement or other qualified wireless service agreement for government customers (Business Agreement) and only for their Corporate Responsibility User (CRU) lines of service. Feature must be added to each CRU line separately. Per CRU line requirements include (a) a qualified data plan with a specific data allowance and (b) a 4G LTE-compatible device provisioned with an Approved Business Application. Authorized CRUs usage of AT&T Dynamic Traffic Management - Public Safety on any qualified Wireless Data Service Plan may not exceed 22 GB a month for three consecutive months; AT&T reserves the right to require Customer to move to another Plan if usage exceeds this limitation. AT&T may proactively reassign Customer to another Plan upon notice to Customer, unless prohibited under the Business Agreement or regulation. The Service is subject to the applicable terms of the Business Agreement and the terms governing both the service Private Mobile Connection and Enhanced Push-to-Talk when combined with the service. **Private Mobile Connection:** Customers may request a solution that combines AT&T Dynamic Traffic Management—Public Safety with select AT&T Private Mobile Connection services which requires one of the following qualified 4G LTE Private Mobile Connection solutions: Private Mobile Connection-Custom APN; Private Mobile Connection-Network VPN; Private Mobile Connection-MPLS Interconnect; or Private Mobile Connection-AT&T VPN Access. **AT&T Enhanced Push-to-Talk.** AT&T also makes AT&T Dynamic Traffic Management—Public Safety available as a combined service with AT&T Enhanced Push-to-Talk. Authorized CRU lines provisioned with an AT&T Enhanced Push-to-Talk with AT&T Dynamic Traffic Management – Public Safety Plan must have a qualified, 4G LTE-compatible feature phone or smartphone provisioned with AT&T Enhanced Push-to-Talk. No separate Wireless Data Service Plan that includes a specific data allowance is required.

**Approved Business Applications:** Available for use with business applications used solely in connection with the transmission of your organization's data to and from your CRUs. Application is subject to AT&T review and approval. Excludes, without limitation, mobile video transmission applications and applications that transmit data to and receive data from all or substantially all Internet endpoint. **Limitations:** Feature is available only within the Domestic Coverage Area (i.e., the United States, Puerto Rico and the U.S. Virgin Islands) and AT&T Dynamic Traffic Management—Public Safety provides Customer's authorized CRUs priority access to available AT&T 4G LTE network resources but will not preempt other users' use of the network in order to make network resources available and only for Customer's Approved Business Application data traffic originated on and traversing over the AT&T-owned domestic 4G LTE network; (b) AT&T Dynamic Traffic Management – Public Safety does not prioritize Customer's Approved Business Application data traffic ahead of all other data traffic, as other data traffic may receive a similar or higher QoS; (c) AT&T Dynamic Traffic Management—Public Safety provides Customer's authorized CRUs priority access to available AT&T 4G LTE network resources but will not preempt other users' use of the network in order to make network resources available; and (d) AT&T Dynamic Traffic Management – Public Safety not to be used for any data traffic originated on or over the Internet, other than Customer's Approved Business Application data traffic. If AT&T determines your use of the feature violates any of the applicable terms or policies in the Business Agreement, we may in our sole discretion suspend, modify, terminate or restrict your feature. **Other Monthly Charges:** Apply per line and may include applicable taxes, and federal and state universal service charges, Regulatory Cost Recovery Charge (up to \$1.25), gross receipts surcharge, Administrative Fee, and other government assessments (including without limitation a Property Tax Allotment surcharge of \$0.20-\$0.45 applied per CRU's assigned number), which are not government-required charges. Pricing, fees, promotions, and terms subject to change and may be modified, terminated or discontinued at any time without notice. **Additional restrictions may apply. Coverage and service not available everywhere.**

© 2017 AT&T Intellectual Property. All rights reserved. AT&T and Globe logo are registered trademarks of AT&T Intellectual Property.