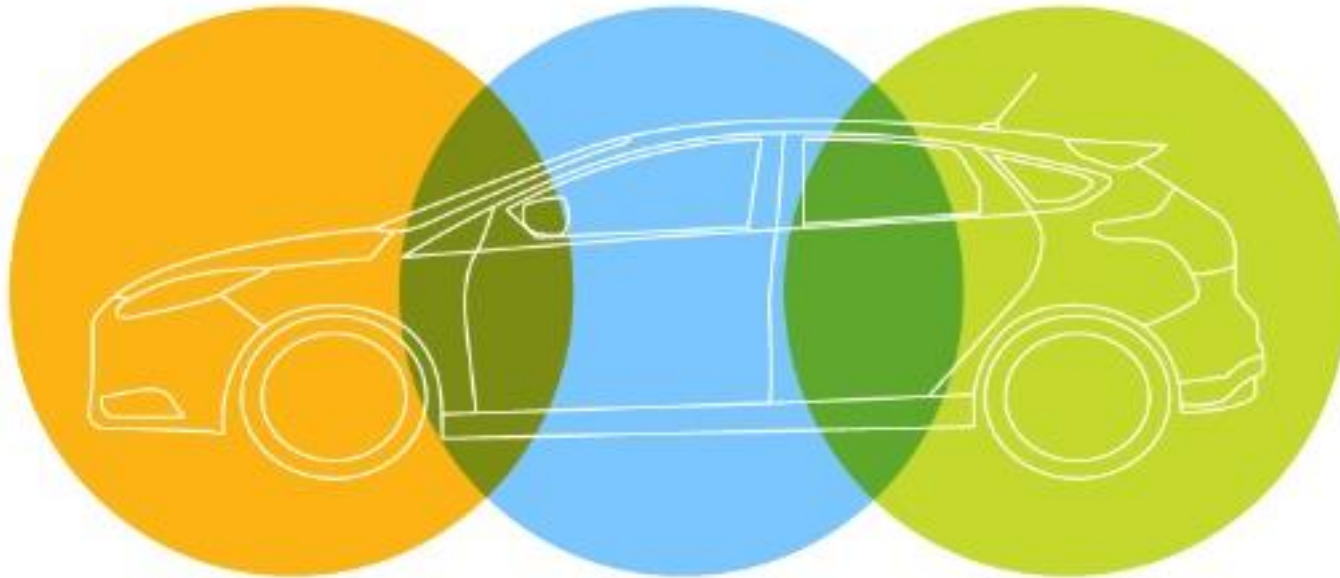


# AT&T Patent Sales Offering

## Telematics



### Contact Information

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# Disclaimer

This is an offer for sale of the identified patent portfolio. This presentation is not intended to provide notice for alleging patent infringement or knowledge of infringement for establishing willful infringement of any patent in this portfolio. AT&T believes that the information contained in this presentation is accurate; however, it is the responsibility of the buyer to conduct their own market analysis and due diligence. AT&T Intellectual Property makes no representation as to the applicability of these patents to any specific product, service or company. Buyers should consult their own legal representative for guidance on these topics.

# Vehicle Telematics – Portfolio

## Executive Summary

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## Portfolio Overview

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# Executive Summary

# AT&T Vehicle Telematics Patent Portfolio

## Overview

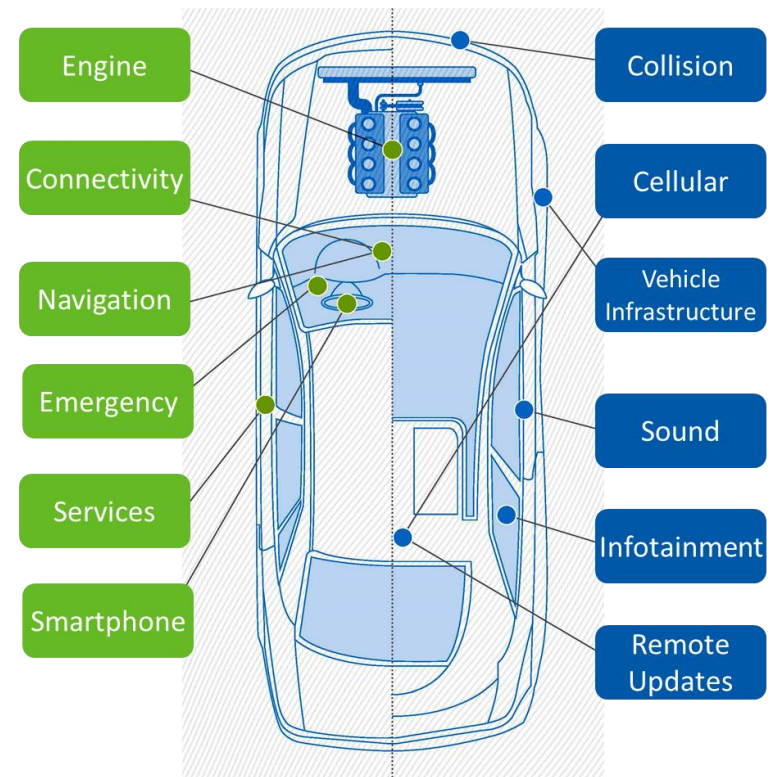
As market leader in the communications industry, AT&T was a pioneer in developing technologies for the Smart Car revolution. Initially beginning with vehicle cellular connectivity, AT&T's telematics R&D has evolved from location-based services to today's entertainment and Internet-of-Things applications. AT&T is offering for sale a package of patents relating to a variety of these applications and the infrastructure elements needed to support them.

## Portfolio Composition

The portfolio is structured to provide a broad base of vehicle telematics technology coverage. Technologies covered include: location services and navigation, financial transactions, in-car networking, hands-free operations, advertising and content delivery, driver notifications, emergency services, fleet management among others.

### *Key statistics:*

- 31 patent families
- 72 Patents, 32 applications
- Excellent forward citations by market leaders
- Priority dates as early as 1999



## Telematics and the Connected Car

# Conditions of Sale

## Conditions of Sale

AT&T will entertain offers on the entire portfolio, subsets, or individual patent families. Sales are contingent on execution of AT&T's Patent Purchase Agreement. Additional information can be obtained by contacting AT&T Intellectual Property (see below). All inquires are confidential.

## NDA

A mutual non-notice NDA is available to facilitate in-depth discussions related to the purchase of any patents.

## For more information contact

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# Portfolio Overview

# Highlights

AT&T Docket Number	Patent Number	Title	Synopsis	Application
99092	US7460954	G. P. S. management system	Remote monitoring of vehicles	Fleet management
2009-0974	US8681018	Devices, systems and methods for detecting a traffic infraction	Automatic detection of traffic infraction/rule violation	Fleet management
2013-0827	US9240082	Crowd sourced optimization of vehicle performance based on cloud based data	Generating suggestions for vehicle drivers, based on the data collected from vehicles.	Vehicle maintenance
C06-0186-000	US8089339	Wireless device as programmable vehicle key	Programmable wireless key for providing customized access to specific areas of vehicle	Vehicle security



# Highlights

AT&T Docket Number	Patent Number	Title	Synopsis	Application
2001-0318	US7006851	Method and apparatus for providing power and wireless protocol capability to a wireless device, such as a wireless phone	Mobile charger with integrated wireless capability services	Mobile accessories within vehicle
1999-0399	US6317684	Method and apparatus for navigation using a portable communication device	Real time route planning	Navigation
2009-0973	US8280791	Devices, systems and methods for identifying and/or billing an individual in a vehicle	Automatic billing of the vehicle for charges such as toll/other road services.	Automatic billing system for vehicles

# Highlights

AT&T Docket Number	Patent Number	Title	Synopsis	Application
060109	US9219811	Mode changing of a mobile communications device and vehicle settings when the mobile communications device is in proximity to a vehicle	Swathing between personal mobile and telephone integrated in vehicle	Vehicular devices
2000-0554	US7457608	Sharing of wireless telephone services for a personal wireless telephone and a vehicular wireless telephone	Sharing wireless telephone service between a personal telephone and a telephone integrated into the subscriber's vehicle	Vehicular devices
2006-A0766	US8488511	System and method of providing advertisements to vehicles	Sending media content to a vehicle, based on the media type format supported.	Content Delivery on Vehicular Device
2008-1137	US8171517	Apparatus and method for distributing media content to vehicles	Resume downloading media content, to media device of a vehicle, from a previously stopped point.	Content Delivery on Vehicular Device

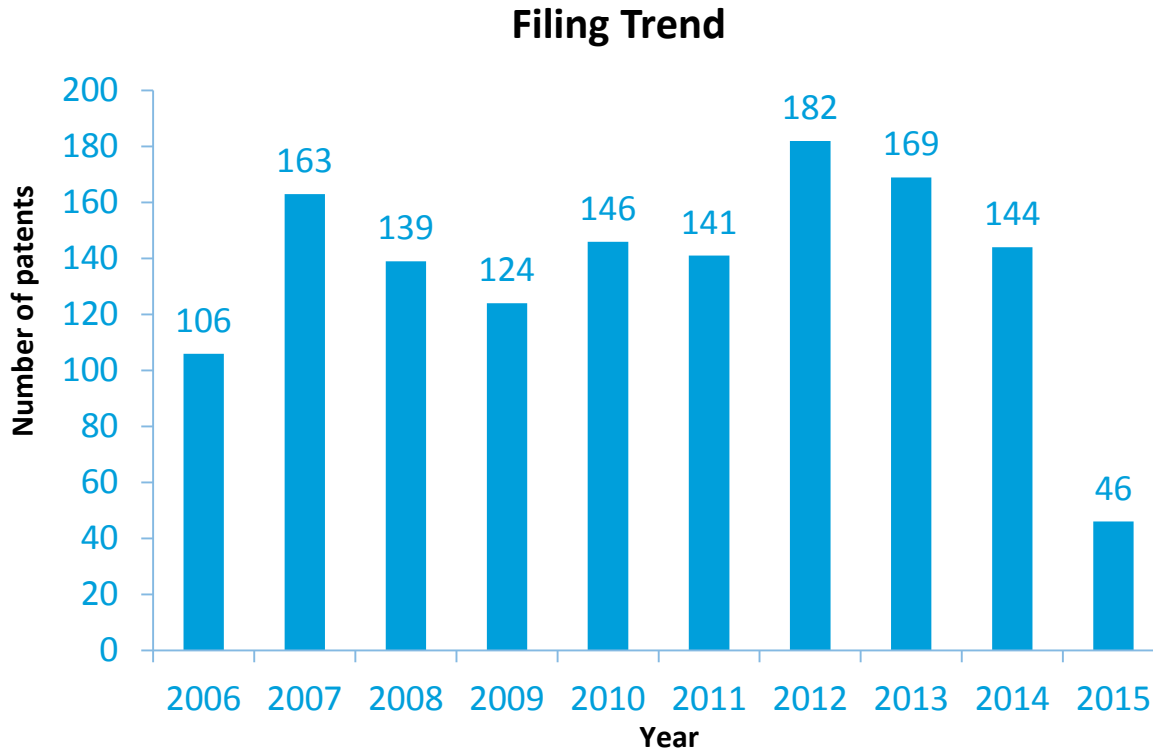
# Highlights

AT&T Docket Number	Patent Number	Title	Synopsis	Application
060282	US8938199	Methods, systems, and computer program products for providing mobile ad hoc cooperative communication systems and related devices	Automatic suggestions for vehicle lane switch, braking etc.	Vehicular devices
2010-0330	US8401589	Controlled text-based communication on mobile devices	Controlling communication services based on user's activity (i.e. restricting services when user is driving)	Vehicular devices

# Highlights

AT&T Docket Number	Patent Number	Title	Synopsis	Application
98052	US6384739	Traffic monitoring system and method	Traffic updates through SMS	Traffic updates
2008-2107	US8462017	Devices and methods for controlling a change of status of traffic light at a crosswalk	Customized traffic light alerts for impaired individuals	Traffic light systems
1999-0029	US6253146	Network-based traffic congestion notification service	Voice messages for real time traffic updates/notifications	Traffic updates, Navigation
2000-0419	US7593809	System and method for determining traffic conditions	Estimating traffic conditions based on signals from wireless devices inside the vehicles.	Traffic updates, Navigation

# Forward Citations

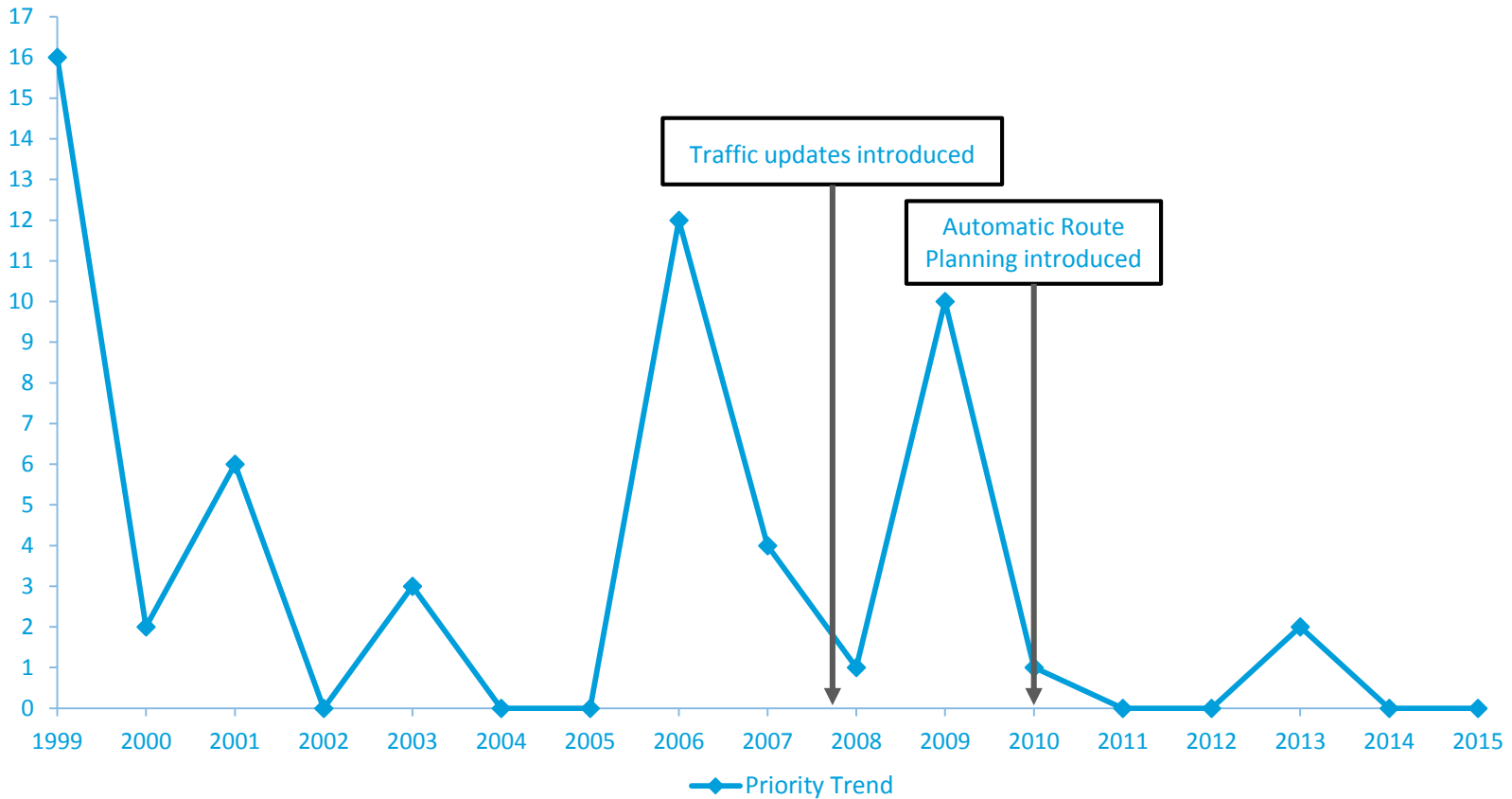


The chart represents the filing trend of forward citations of AT&T's Vehicle Telematics patents indicating the fundamental nature of the referenced patents.

#### Notes:

- Data based on patents citing the portfolio.
- Number denotes the number of forward citations filed in the corresponding year.

# Filing Timelines



The portfolio filing trend is shown based on the priority date of the patents. The priority date, sometimes called the "effective filing date", is the date when invention was first conceived/filed at the patent office.



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