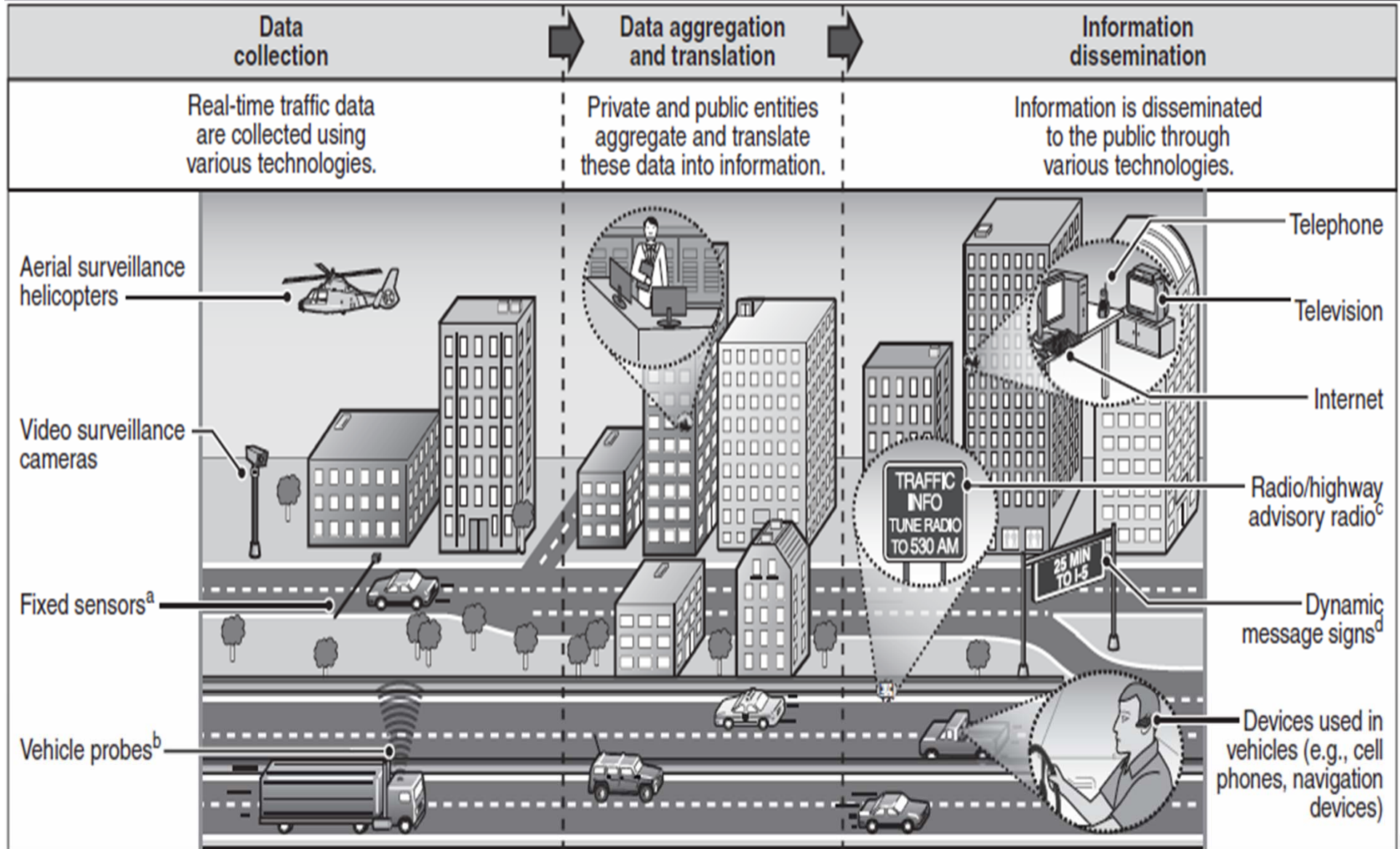


INTELLIGENT TRANSPORTATION

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Intelligent Transportation



Source: Government Accountability Report No. GAO-10-121R

ITS-NY



ITS in New York State

- ▣ Traveler Information
 - 511NY, Next Generation TSIP (Transit Service Information Portal)
- ▣ Traffic and Incident Management
 - JTMC (NYC), Transcom/Transmit, Hudson Valley, Long Island, Albany
- ▣ Transit ITS
 - Select Bus Service, Transit Signal Priority, AVL
 - Next Generation TSIP
- ▣ Many more ITS initiatives and projects...HELP program, NY-Alert, NYSTA initiatives, NITTEC

511NY GET CONNECTED TO GO

TRAFFIC CONDITIONS

TRANSIT CONDITIONS

TRANSIT TRIP PLANNER

RIDE SHARE

alerts at this time.

MY CU

Zoom to:



www.511NY.org

Joint Traffic Management Center


- 
- Daily Traffic Management and Control
 - Incident Management
 - Planned Event Coordination
 - JTMC Partners And Regional Coordination
 - PSIM Device Interface: Advanced Solid-state Traffic Controller & Advanced Traffic Control System

Photo Courtesy of NYCDOT

Incident Management

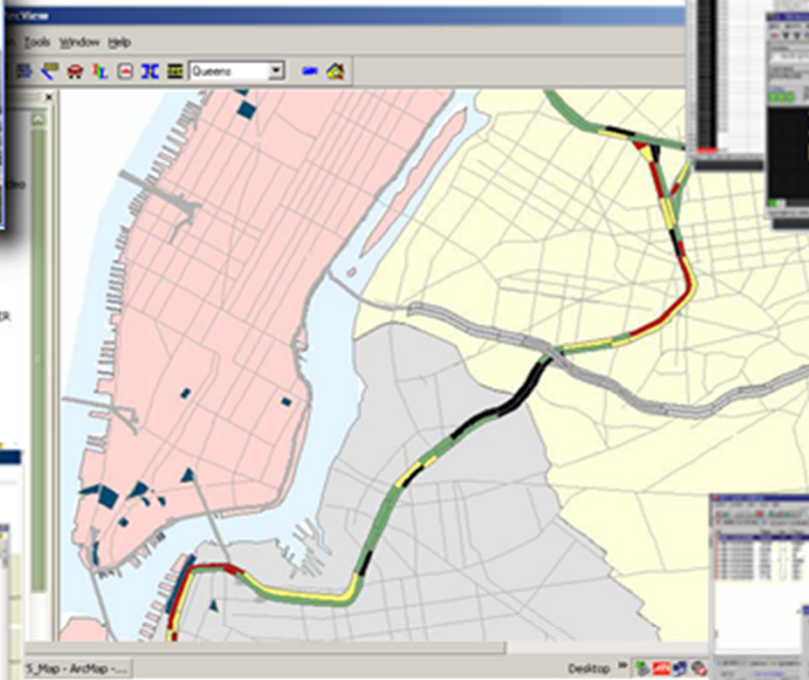


JTMC/PSIM

VidShield Camera Management System



SMARTS Map



Traveler Information System (TIS)



C2C Communications



Incident Management System (IMS)

Select Bus Service Features



Courtesy of NYC Transit

NYSDOT's Next Generation Transit Service Information Portal

- ▣ A multi-agency portal supplying reliable and accurate transit information to improve planning, customer service, and operations.
- ▣ Uses open source tools where possible to provide quality data to app developers.
- ▣ The Challenge: To maintain consistent supply of current accurate schedule data from multiple independent agencies.

The Possibilities...



Arrival
Provides arrival information.
For iPhone, iPad



BrailleNote and VoiceNote
Transit information for wayfinding use by people who are visually impaired.
For BrailleNote and VoiceNote GPS system



Buster App
Locates nearby stops and displays schedule information.
For Android



Dadnab™
Provides public transit directions (trip planning) via text messaging.
For phones



Google Earth™
TriMet stops and stations are included in the "Transportation" layer under



Google Maps™
Provides public transit directions (trip planning) and information.



POI Factory
Provides points of interest (POI) files of TriMet stops.
For GPS Wayfinding Devices



Portland Transit
Searches for nearest stops, provides arrival information.
For iPhone, iPod Touch, iPad



Portland Transit
Searches for nearest stops, provides arrival information, displays a map and plans trips.
For Android



Public Transportation Stop and Service Finder
Displays all stops and routes within a geographic location.
For web browsers



RailBandit
Displays schedule information for trains.
For J201C Secondary



RouteShout
Searches for nearest stops, provides arrival information, and displays a map.
For Android, iPhone, iPod Touch, iPad



SMS Service
Provides arrival information.
For phones with text messaging



StopFinder
Uses augmented reality to search for nearest stops.



Transloast
Searches for nearest stops, provides arrival information.



iBus-Portland
Searches for nearest stops, provides arrival information, and displays a map.
For iPhone, iPod Touch, iPad



iMap
Alerts you when nearing a destination.
For iPhone



iTransitBuddy
Provides schedule information for trains and plans trips from station to station.
For iPhone, iPod Touch, iPad, Android



jtrinet
Provides arrival information and a Java client library for TriMet web services.
For Android



Junaio
Uses augmented reality to search for nearest stops, provide arrival information, display a map.
For iPhone 3GS/4, Android



MyTriMet.com
Provides arrival information.
For mobile web browsers, web browsers, iPad



PDX Bus
Provides public transit directions (trip planning), searches for nearest stops, provides arrival information and displays a map.



PDX Transit Finder
Searches for nearest stops, provides arrival information, displays a map.
For Android



PDX.org
Provides arrival information.
For phones with text messaging

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