InfoPoint REST EndPoints

By simply copying and pasting the URLs into a web browser you can invoke the REST endpoints and Json result sets will be returned if data exists. If no data exists an empty result set will be returned.

Public Messages

Get CURRENT Public Messages (Published, within FromDate and ToDate, within FromTime and ToTime, DaysOfWeek):

http://bustracker.pvta.com/InfoPoint/rest/PublicMessages/GetCurrentMessages

Below is an example of the Json result set returned from the URL. The example only contains a single message. There can be "N" number of active messages at one time.

[{"DaysOfWeek":127,"FromDate":"\/Date(1374552000000-0400)\/","FromTime":"\/Date(137455200 0000-0400)\/","Message":"This is a test message","MessageId":27,"Priority":2,"PublicAccess":1,"Published":true,"Routes":[],"ToDate":"\/Date(13 74811200000-0400)\/","ToTime":"\/Date(1374638399000-0400)\/"}]

Field	Description
DaysOfWeek	Hash Code for the Days of the Week that the message is to be displaye
FromDate	The start date that the message is to be displayed
FromTime	The start time that the message is to be displayed
Message	The message text to display
MessageId	One up number each time a message is created
Priority	Message Priority (1=High, 2=Medium, 3=Low)
PublicAccess	1 = to be disaplayed on InfoPoint
Published	True is the message is active
Routes	List of Routes that the message was created for. Blank if not route spec
ToDate	The end date that the message expires

ToTime	The end time that the message expires

Routes

Get VISIBLE Routes:

Returns a Json result set of all of the routes that are visible on InfoPoint.
http://bustracker.pvta.com/InfoPoint/rest/routes/getvisibleroutes

Below is an example of the result set returned from the URL. There may be "N" number of routes returned in the result set.
[{"Color":"00A4D3","Directions":null,"Group":null,"IsHeadway":false,"IsVisible":true,"IvrDescription":"Crosstown","LongName":"Crosstown","RouteAbbreviation":"Ctown","RouteId":1,"RouteStops":null,"RouteTraceFilename":"Crosstown.kml","RouteTraceHash64":null,"ShortName":"Crosstown","SortOrder":1,"Stops":null,"TextColor":"FF5B2C","Vehicles":null]

Field	Description
Color	Route KML Color. Used to color the KML file that is loaded for the route.
Directions	Null not used
Group	Null not used
IsHeadway	True= route is headway, False = non headway
IsVisible	True= shown on InfoPoint, False if not shown on Infopoint
IvrDescription	IVR text description
LongName	Route text long name
RouteAbbreviation	Route text abbreviation

RouteId	Numeric Route Id
RouteStops	Null not used
RouteTraceFilename	Name of the KML file to display
RouteTraceHash64	Null not used
ShortName	Route text short name
SortOrder	Display order on InfoPoint
Stops	Null not used
TextColor	Color for Route text display
Vehicles	Null not used

Get Route by Route ID:
http://bustracker.pvta.com/InfoPoint/rest/routes/get/*"routeId"*

Same as the above "GetVisibleRoutes" except the result set only returns the data for the route specified. The "routeId" in the URL should be replaced with the numeric route id.

RouteDetails

Get ALL details for ALL Routes (stops, routestops, directions, vehicles):

http://bustracker.pvta.com/InfoPoint/rest/routedetails/getallroutedetails

Below is an example of the Json result set for one of the routes. The getallroutedetails will return "N" number of routes in the result set. This data contains all of the stops for a route by direction along with the vehicles that are currently on the route.
{"Color":"D40064","Directions":[{"Dir":"O","DirectionDesc":null,"DirectionIconFileName":null},{"Dir":"I","DirectionDesc":null,"DirectionIconFileName":null}],"Group":null,"IsHeadway":false,"IsVisible":true,"IvrDescription":"Plank Road","LongName":"Plank Road","RouteAbbreviation":"Plank","RouteId":4,"RouteStops":[{"Direction":"O","RouteId":4,"SortOrder

":13,"StopId":1},{"Direction":"I","RouteId":4,"SortOrder":39,"StopId":1},{"Direction":"O","RouteId":4,"SortOrder":14,"StopId":2},{"Direction":"I","RouteId":4,"SortOrder":40,"StopId":2},{"Direction":"I","RouteId":4,"SortOrder":41,"StopId":3},{"Direction":"I","RouteId":4,"SortOrder":42,"StopId":4},{"Direction":"O","RouteId":4,"SortOrder":1,"StopId":29},{"Direction":"I","RouteId":4,"SortOrder":60,"StopId":29},{"Direction":"O","RouteId":4,"SortOrder":27,"StopId":57},{"Direction":"O","RouteId":4,"SortOrder":28,"StopId":58},{"Direction":"I","RouteId":4,"SortOrder":29,"StopId":58},{"Direction":"O","RouteId":4,"SortOrder":2,"StopId":74},{"Direction":"O","RouteId":4,"SortOrder":3,"StopId":75},{"Direction":"O","RouteId":4,"SortOrder":4,"StopId":76},{"Direction":"O","RouteId":4,"SortOrder":5,"StopId":105},{"Direction":"I","RouteId":4,"SortOrder":32,"StopId":125},{"Direction":"I","RouteId":4,"SortOrder":33,"StopId":127},{"Direction":"I","RouteId":4,"SortOrder":34,"StopId":128},{"Direction":"I","RouteId":4,"SortOrder":35,"StopId":129},{"Direction":"I","RouteId":4,"SortOrder":36,"StopId":130},{"Direction":"I","RouteId":4,"SortOrder":37,"StopId":131},{"Direction":"I","RouteId":4,"SortOrder":38,"StopId":132},{"Direction":"I","RouteId":4,"SortOrder":43,"StopId":133},{"Direction":"I","RouteId":4,"SortOrder":44,"StopId":134},{"Direction":"I","RouteId":4,"SortOrder":45,"StopId":135},{"Direction":"I","RouteId":4,"SortOrder":46,"StopId":137},{"Direction":"I","RouteId":4,"SortOrder":54,"StopId":145},{"Direction":"I","RouteId":4,"SortOrder":55,"StopId":146},{"Direction":"I","RouteId":4,"SortOrder":56,"StopId":147},{"Direction":"I","RouteId":4,"SortOrder":50,"StopId":228},{"Direction":"I","RouteId":4,"SortOrder":51,"StopId":229},{"Direction":"I","RouteId":4,"SortOrder":52,"StopId":230},{"Direction":"I","RouteId":4,"SortOrder":53,"StopId":231},{"Direction":"I","RouteId":4,"SortOrder":57,"StopId":241},{"Direction":"O","RouteId":4,"SortOrder":6,"StopId":244},{"Direction":"O","RouteId":4,"SortOrder":7,"StopId":245},{"Direction":"O","RouteId":4,"SortOrder":8,"StopId":246},{"Direction":"O","RouteId":4,"SortOrder":9,"StopId":247},{"Direction":"O","RouteId":4,"SortOrder":10,"StopId":248},{"Direction":"O","RouteId":4,"SortOrder":11,"StopId":249},{"Direction":"O","RouteId":4,"SortOrder":12,"StopId":250},{"Direction":"O","RouteId":4,"SortOrder":15,"StopId":251},{"Direction":"O","RouteId":4,"SortOrder":16,"StopId":252},{"Direction":"O","RouteId":4,"SortOrder":17,"StopId":253},{"Direction":"O","RouteId":4,"SortOrder":18,"StopId":254},{"Direction":"O","RouteId":4,"SortOrder":19,"StopId":255},{"Direction":"O","RouteId":4,"SortOrder":20,"StopId":256},{"Direction":"O","RouteId":4,"SortOrder":21,"StopId":257},{"Direction":"O","RouteId":4,"SortOrder":22,"StopId":258},{"Direction":"O","RouteId":4,"SortOrder":23,"StopId":259},{"Direction":"O","RouteId":4,"SortOrder":25,"StopId":261},{"Direction":"I","RouteId":4,"SortOrder":30,"StopId":262},{"Direction":"I","RouteId":4,"SortOrder":48,"StopId":310},{"Direction":"I","RouteId":4,"SortOrder":49,"StopId":311},{"Direction":"O","RouteId":4,"SortOrder":26,"StopId":368},{"Direction":"I","RouteId":4,"SortOrder":47,"StopId":410},{"Direction":"I","RouteId":4,"SortOrder":58,"StopId":415},{"Direction":"I","RouteId":4,"SortOrder":59,"StopId":416},{"Direction":"O","RouteId":4,"SortOrder":24,"StopId":417},{"Direction":"I","RouteId":4,"SortOrder":31,"StopId":417}],"RouteTraceFilename":"PlankRoad.kml","RouteTraceHash64":null,"ShortName":"Plank Road","SortOrder":5,"Stops":[{"Description":"Transit Center","IsTimePoint":true,"Latitude":40.514026,"Longitude":-78.402403,"Name":"Transit Center","StopId":29},{"Description":"17th St and Margaret Ave outbound","IsTimePoint":false,"Latitude":40.5107327,"Longitude":-78.4041808,"Name":"17th St &

Margaret Ave O","StopId":74},{"Description":"Shelter 17th St and 9th Ave outbound","IsTimePoint":false,"Latitude":40.50984624,"Longitude":-78.40296493,"Name":"Shelter 17th St & 9th Ave O","StopId":75},{"Description":"17th St and 8th Ave outbound","IsTimePoint":false,"Latitude":40.50919601,"Longitude":-78.40202313,"Name":"17th St & 8th Ave O","StopId":76},{"Description":"7th Ave & 19th St","IsTimePoint":false,"Latitude":40.50725015,"Longitude":-78.40224782,"Name":"7th Ave & 19th St","StopId":105},{"Description":"7th Ave & 22nd St","IsTimePoint":false,"Latitude":40.50455596,"Longitude":-78.40464062,"Name":"7th Ave & 22nd St","StopId":244},{"Description":"7th Ave & 24th St","IsTimePoint":false,"Latitude":40.50298225,"Longitude":-78.4060441,"Name":"7th Ave & 24th St","StopId":245},{"Description":"7th Ave & Union Ave","IsTimePoint":false,"Latitude":40.50209642,"Longitude":-78.40684927,"Name":"7th Ave & Union Ave","StopId":246},{"Description":"Altoona Health System 7th Ave Campus","IsTimePoint":false,"Latitude":40.50111376,"Longitude":-78.40774414,"Name":"Altoona Health System 7th Ave Campus","StopId":247},{"Description":"7th Ave & 27th St","IsTimePoint":false,"Latitude":40.49984968,"Longitude":-78.40883285,"Name":"7th Ave & 27th St","StopId":248},{"Description":"7th Ave & 30th St","IsTimePoint":false,"Latitude":40.497153,"Longitude":-78.41123936,"Name":"7th Ave & 30th St","StopId":249},{"Description":"7th Ave & 31st St","IsTimePoint":false,"Latitude":40.4955034,"Longitude":-78.41168174,"Name":"7th Ave & 31st St","StopId":250},{"Description":"5th Ave & AMTRAN","IsTimePoint":true,"Latitude":40.492733,"Longitude":-78.41137099,"Name":"5th Ave & AMTRAN","StopId":1},{"Description":"5th Ave & 31St","IsTimePoint":false,"Latitude":40.49467152,"Longitude":-78.41065838,"Name":"5th Ave & 31St","StopId":2},{"Description":"Logan Blvd and 5th Ave outbound","IsTimePoint":false,"Latitude":40.48965475,"Longitude":-78.41278105,"Name":"Logan Blvd & 5th Ave O","StopId":251},{"Description":"Logan Blvd and Oneida Ave","IsTimePoint":false,"Latitude":40.48776616,"Longitude":-78.40923325,"Name":"Logan Blvd & Oneida Ave O","StopId":252},{"Description":"Logan Blvd and Landis EB","IsTimePoint":false,"Latitude":40.4864828,"Longitude":-78.40848664,"Name":"Logan Blvd & Landis O","StopId":253},{"Description":"Logan Blvd and Holmes EB","IsTimePoint":false,"Latitude":40.48449821,"Longitude":-78.40736024,"Name":"Logan Blvd & Holmes O","StopId":254},{"Description":"Logan Blvd and Whittier EB","IsTimePoint":false,"Latitude":40.48266413,"Longitude":-78.40630254,"Name":"Logan Blvd & Whittier O","StopId":255},{"Description":"Logan Blvd and Browning EB","IsTimePoint":false,"Latitude":40.48098826,"Longitude":-78.40534872,"Name":"Logan Blvd & Browning O","StopId":256},{"Description":"Logan Blvd and Milton Ave EB","IsTimePoint":false,"Latitude":40.47977617,"Longitude":-78.40466108,"Name":"Logan Blvd & Milton Ave O","StopId":257},{"Description":"Logan Blvd and W Southey

Ave","IsTimePoint":false,"Latitude":40.478346,"Longitude":-78.403826,"Name":"Logan Blvd & W Southey Ave O","StopId":258},{"Description":"Plank Rd & Burger King","IsTimePoint":false,"Latitude":40.47518628,"Longitude":-78.40513516,"Name":"Plank Rd & Burger King","StopId":259},{"Description":"Martins W Plank Rd","IsTimePoint":true,"Latitude":40.474377,"Longitude":-78.404214,"Name":"Martins W Plank Rd","StopId":417},{"Description":"Plank Rd & Morningside Plaza","IsTimePoint":false,"Latitude":40.47289761,"Longitude":-78.40618334,"Name":"Plank Rd & Morningside Plaza","StopId":261},{"Description":"K Mart","IsTimePoint":false,"Latitude":40.47158878,"Longitude":-78.40826377,"Name":"K Mart","StopId":368},{"Description":"Sears","IsTimePoint":false,"Latitude":40.46957392,"Longitude":-78.40833269,"Name":"Sears","StopId":57},{"Description":"Transit Center LVM","IsTimePoint":true,"Latitude":40.469238,"Longitude":-78.409569,"Name":"Transit Center LVM","StopId":58},{"Description":"Plank Rd & Ponderosa","IsTimePoint":false,"Latitude":40.47241176,"Longitude":-78.40647234,"Name":"Plank Rd & Ponderosa","StopId":262},{"Description":"Logan Blvd and Plank Rd Inbound","IsTimePoint":false,"Latitude":40.47895643,"Longitude":-78.40387051,"Name":"Logan Blvd & Plank Rd I","StopId":125},{"Description":"Logan Blvd and Browning WB","IsTimePoint":false,"Latitude":40.48091885,"Longitude":-78.40497213,"Name":"Logan Blvd & Browning I","StopId":127},{"Description":"Logan Blvd and Whittier WB","IsTimePoint":false,"Latitude":40.48248675,"Longitude":-78.40588448,"Name":"Logan Blvd & Whittier I","StopId":128},{"Description":"Logan Blvd and Holmes WB","IsTimePoint":false,"Latitude":40.4843142,"Longitude":-78.40693211,"Name":"Logan Blvd & Holmes I","StopId":129},{"Description":"Logan Blvd and Ward Ave WB","IsTimePoint":false,"Latitude":40.48556417,"Longitude":-78.40764417,"Name":"Logan Blvd & Ward Ave I","StopId":130},{"Description":"Logan Blvd and Baker Blvd","IsTimePoint":false,"Latitude":40.48810061,"Longitude":-78.4091088,"Name":"Logan Blvd & Baker Blvd I","StopId":131},{"Description":"Logan Blvd and 5th Ave Westbound","IsTimePoint":false,"Latitude":40.48969559,"Longitude":-78.41224783,"Name":"Logan Blvd & 5th Ave I","StopId":132},{"Description":"6th Ave and 30th St","IsTimePoint":false,"Latitude":40.496155,"Longitude":-78.410681,"Name":"6th Ave & 30th St","StopId":3},{"Description":"6th Ave & 28th St","IsTimePoint":false,"Latitude":40.49812538,"Longitude":-78.4090061,"Name":"6th Ave & 28th St","StopId":4},{"Description":"6th Ave & 26th St","IsTimePoint":false,"Latitude":40.50013553,"Longitude":-78.40715605,"Name":"6th Ave & 26th St","StopId":133},{"Description":"6th Ave and 24th St","IsTimePoint":false,"Latitude":40.502158,"Longitude":-78.405268,"Name":"6th Ave & 24th St","StopId":134},{"Description":"6th Ave & 22th St","IsTimePoint":false,"Latitude":40.50374567,"Longitude":-78.40394339,"Name":"6th Ave & 22th St","StopId":135},{"Description":"6th Ave & 19th

St","IsTimePoint":false,"Latitude":40.50642173,"Longitude":-78.40152545,"Name":"6th Ave & 19th St","StopId":137},{"Description":"Shelter 17th St and 7th Ave Inbound","IsTimePoint":false,"Latitude":40.508445,"Longitude":-78.400521,"Name":"Shelter 17th St & 7th Ave","StopId":410},{"Description":"17th St & 8th Ave inbound","IsTimePoint":false,"Latitude":40.50912652,"Longitude":-78.40154873,"Name":"17th St & 8th Ave","StopId":310},{"Description":"17th St & 9th Ave inbound","IsTimePoint":false,"Latitude":40.50972078,"Longitude":-78.4023478,"Name":"17th St & 9th Ave","StopId":311},{"Description":"Shelter 17th St and Margaret Ave","IsTimePoint":false,"Latitude":40.5112552,"Longitude":-78.40447643,"Name":"Shelter 17th St & Margaret Ave I","StopId":228},{"Description":"17th St and 12th Ave","IsTimePoint":false,"Latitude":40.513269,"Longitude":-78.406862,"Name":"17th St & 12th Ave","StopId":229},{"Description":"12th Ave and 16th St","IsTimePoint":false,"Latitude":40.513587,"Longitude":-78.406385,"Name":"12th Ave & 16th St","StopId":230},{"Description":"12th Ave and 15th St","IsTimePoint":false,"Latitude":40.514038,"Longitude":-78.405645,"Name":"12th Ave & 15th St","StopId":231},{"Description":"12th Ave & 14th St","IsTimePoint":false,"Latitude":40.51483871,"Longitude":-78.40420211,"Name":"12th Ave & 14th St","StopId":145},{"Description":"12th Ave and MandT Bank","IsTimePoint":false,"Latitude":40.516643,"Longitude":-78.40084,"Name":"12th Ave & M&T Bank","StopId":146},{"Description":"Chestnut Ave & 10th St","IsTimePoint":false,"Latitude":40.51793755,"Longitude":-78.39957446,"Name":"Chestnut Ave & 10th St","StopId":147},{"Description":"10th St & Green Ave","IsTimePoint":false,"Latitude":40.51750553,"Longitude":-78.39890657,"Name":"10th St & Green Ave","StopId":241},{"Description":"Green Ave and 11th St","IsTimePoint":false,"Latitude":40.51677,"Longitude":-78.399712,"Name":"Green Ave & 11 St","StopId":415},{"Description":"12th St and 11th Ave","IsTimePoint":false,"Latitude":40.51572,"Longitude":-78.400913,"Name":"12th St & 11th Ave","StopId":416}],"TextColor":"2BFF9B","Vehicles":[{"BlockFareboxId":14,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"O","DirectionLong":"Outbound","DisplayStatus":"ON TIME","DriverName":"Holland","GPSStatus":2,"Heading":188,"LastStop":"7th Ave & 24th St","LastUpdated":"\/Date(1374592057000-0400)\/","Latitude":40.494944,"Longitude":-78.411758,"Name":"702","OnBoard":10,"OpStatus":"ONTIME","RouteId":4,"RunId":6,"Speed":20,"TripId":1100,"VehicleId":702}]}

Field	Description
Color	Route KML Color. Used to color the KML file that is loaded for the route.

Directions	Directions Tag
Dir	Direction Text
DirectionDesc	Null Not used
DirectionIconFileName	Null Not Used
Group	Null not used
IsHeadway	True= route is headway, False = non headway
IsVisible	True= shown on InfoPoint, False if not shown on Infopoint
IvrDescription	IVR text description
LongName	Route text long name
RouteAbbreviation	Route text abbreviation
RouteId	Numeric Route Id
RouteStops	RouteStops Tag
Direction	Direction Text
RoutId	Numeric Route Id
SortOrder	Numeric sort order for stop
StopId	Numeric Stop Id
RouteTraceFilename	Name of the KML file to display
RouteTraceHash64	Null not used
ShortName	Route text short name
SortOrder	Numeric sort order for Route
Stops	Stops Tag
Description	Text stop description

IsTimePoint	True = Schedule Timepoint, False = Intermediate stop
Latitude	WGS 84 Latitude format of stop location
Longitude	WGS 84 Longitude format of stop location
Name	Stop Name
StopId	Numeric id for the stop
Vehicles	Vehicle Tag
BlockFareboxId	Numeric Block Id
CommStatus	Vehicle Communication status
Destination	Destination Text
Deviation	Numeric deviation of schedule adherence
Direction	Direction text
DirectionLong	Direction long text
DisplayStatus	Schedule Adherence text
DriverName	Name of driver signed on to vehicle
GPSStatus	Numeric GPS status
Heading	Numeric direction heading of vehicle
LastStop	Text name of last stop departed
LastUpdated	Time vehicle information was last updated
Latitude	WGS 84 Latitude format of vehicle location
Longitude	WGS 84 Longitude format of vehicle locatic
Name	Vehicle display name
OnBoard	Numeric Onboard count

OpStatus	Schedule adherence status of vehicle
RouteId	Numeric RouteId
RunId	Numeric RunId
Speed	GPS speed of vehicle
TripId	Numeric TripId
VehicleId	Numeric MDT id

Get ALL details on a single Route by Route ID:
http://bustracker.pvta.com/InfoPoint/rest/routedetails/get/"*routeId*"

Same as the above "getallroutedetails" but only returns the data for a single route. Replace the "routeId" in the URL with the numberic route Id.

Stops

Get ALL Stops (no Route info):

http://bustracker.pvta.com/InfoPoint/rest/stops/getallstops

Below is an example of the Json result set returned. The example only has one stop. All Active stops in the system would be typically returned.
[{"Description":"5th Ave & AMTRAN","IsTimePoint":true,"Latitude":40.492733,"Longitude":-78.41137099,"Name":"5th Ave & AMTRAN","StopId":1}]

Field	Description
Description	Stop description text
IsTimePoint	True = Schedule Timepoint, False = Intermediate stop
Latitude	WGS 84 Latitude format of stop location

Longitude	WGS 84 Longitude format of stop location
Name	Stop Name
StopId	Numeric id for the stop

Get Stop by Stop ID:

http://bustracker.pvta.com/InfoPoint/rest/stops/get/"*stopId*"

This returns the Json result set for a single stop. The data in the result set is the same as in the above"GetAllStop" the only difference is that the "stopId" in the URL should be replaced with the numeric id for the stop that you want.

StopDepartures

Get Stop Departures on a single Stop by StopID:

This returns the Json result set for a single stop departure list. The data in the result set is the same as in the above the only difference is that the "stopId" in the URL should be replaced with the numeric id for the stop that you want. The stop departures returned contain the next three departures by route and direction for the specified stop.

http://bustracker.pvta.com/InfoPoint/rest/stopdepartures/get/"*stopId*"

[{"RouteDirections":[{"Departures":[{"ADT":null,"Dev":"PT0S","EDT":"\/Date(1374583620000-0400)\/","LastUpdated":"\/Date(1374562952843-0400)\/","SDT":"\/Date(1374583620000-0400)\/","Trip":{"BlockFareboxId":5,"IVRServiceDesc":"Ivy side","InternalSignDesc":"C T Ivyside","InternetServiceDesc":"Crosstown Ivyside","RunId":5,"TripDirection":"NbI","TripId":820}},{"ADT":null,"Dev":"PT0S","EDT":"\/Date(1374587220000-0400)\/","LastUpdated":"\/Date(1374562943443-0400)\/","SDT":"\/Date(1374587220000-0400)\/","Trip":{"BlockFareboxId":4,"IVRServiceDesc":"Ivy side","InternalSignDesc":"C T Ivyside","InternetServiceDesc":"Crosstown Ivyside","RunId":4,"TripDirection":"NbI","TripId":920}},{"ADT":null,"Dev":"PT0S","EDT":"\/Date(1374590820000-0400)\/","LastUpdated":"\/Date(1374562954207-0400)\/","SDT":"\/Date(1374590820000-0400)\/","Trip":{"BlockFareboxId":5,"IVRServiceDesc":"Ivy side","InternalSignDesc":"C T Ivyside","InternetServiceDesc":"Crosstown Ivyside","RunId":5,"TripDirection":"NbI","TripId":1020}}],"Direction":"Northbound_Inbound","DirectionCode":"NbI","HeadwayDepartures":null,"IsDone":false,"IsHeadway":false,"RouteId":1}],"StopId":12}]

Field	Description
Route Directions	Route Directions Tag
Departures	Departures Tag
ADT	Actual Departure Time
Dev	Deviation
EDT	Estimated Departure Time
LastUpdated	Last Time the EDT was updates
SDT	Schedule Departure Time
BlockFareboxId	Numeric Block Id
IVRServiceDesc	IVR service text description
InternalSignDesc	Internal sign text description
InternetServiceDesc	Internet service text description
RunId	Numeric Run Id

TripDirection	Trip Direction Text
TripId	Numeric Trip Id
Direction	Direction Text
Direction Code	Direction Code Text
HeadwayDepartures	Interval of Headway departures
IsDone	True = No more departures for today, False if there are remaining departures
RouteId	Numeric Route Id
StopId	Numeric Stop Id

Vehicles

Get ALL Vehicles:
http://bustracker.pvta.com/InfoPoint/rest/vehicles/getallvehicles

Provides a list of all signed on vehicles in the system. Below is an example of the Json result set. The result set can contain "N" number of vehicles.

[{"BlockFareboxId":10,"CommStatus":"GOOD","Destination":null,"Deviation":5,"Direction":"NbI","DirectionLong":"Northbound_Inbound","DisplayStatus":"LATE","DriverName":"Davis","GPSStatus":2,"Heading":324,"LastStop":"Park Hills Plaza & Weis Market","LastUpdated":"\/Date(1374593157000-0400)\/","Latitude":40.513997,"Longitude":-78.405345,"Name":"808","OnBoard":5,"OpStatus":"LATE","RouteId":3,"RunId":3,"Speed":20,"TripId":1120,"VehicleId":808},{"BlockFareboxId":13,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"Und","DirectionLong":"Undefined","DisplayStatus":"ON TIME","DriverName":"Harella","GPSStatus":2,"Heading":330,"LastStop":"","LastUpdated":"\/Date(1374593228000-0400)\/","Latitude":40.431518,"Longitude":-78.399466,"Name":"700","OnBoard":7,"OpStatus":"ONTIME","RouteId":8,"RunId":10,"Speed":25,"TripId":1030,"VehicleId":700},{"BlockFareboxId":3,"CommStatus":"GOOD","Destination":null,"Deviation":3,"Direction":"L","DirectionLong":"Loop","DisplayStatus":"LATE","DriverName":"Frederick","GPSStatus":2,"Heading":218,"LastStop":"17th St & 5th Ave O","LastUpdated":"\/Date(1374593243000-0400)\/","Latitude":40.514909,"Longitude":-78.400439,"Name":"803","OnBoard":8,"OpStatus":"LATE","RouteId":2,"RunId":7,"Speed":32,"TripId":1100,"Vehic

leId":803},{"BlockFareboxId":1,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"SbO","DirectionLong":"Southbound_Outbound","DisplayStatus":"ON TIME","DriverName":"Albright","GPSStatus":2,"Heading":178,"LastStop":"6th & 40th St O","LastUpdated":"\/Date(1374593253000-0400)\/","Latitude":40.468238,"Longitude":-78.409709,"Name":"V800","OnBoard":3,"OpStatus":"ONTIME","RouteId":1,"RunId":4,"Speed":16,"TripId":1120,"VehicleId":800},{"BlockFareboxId":14,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"O","DirectionLong":"Outbound","DisplayStatus":"ON TIME","DriverName":"Holland","GPSStatus":2,"Heading":88,"LastStop":"7th Ave & 24th St","LastUpdated":"\/Date(1374593262000-0400)\/","Latitude":40.467941,"Longitude":-78.407813,"Name":"702","OnBoard":2,"OpStatus":"ONTIME","RouteId":4,"RunId":6,"Speed":13,"TripId":1125,"VehicleId":702},{"BlockFareboxId":2,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"L","DirectionLong":"Loop","DisplayStatus":"ON TIME","DriverName":"Silva","GPSStatus":2,"Heading":166,"LastStop":"Broadway & Wopsy Ave","LastUpdated":"\/Date(1374593270000-0400)\/","Latitude":40.545226,"Longitude":-78.414013,"Name":"401","OnBoard":5,"OpStatus":"ONTIME","RouteId":9,"RunId":13,"Speed":17,"TripId":1120,"VehicleId":401},{"BlockFareboxId":6,"CommStatus":"GOOD","Destination":null,"Deviation":6,"Direction":"NbO","DirectionLong":"Northbound_Outbound","DisplayStatus":"LATE","DriverName":"Osmolinski","GPSStatus":2,"Heading":132,"LastStop":"Shelter PSU Hawthorn lot","LastUpdated":"\/Date(1374593281000-0400)\/","Latitude":40.509433,"Longitude":-78.402228,"Name":"805","OnBoard":16,"OpStatus":"LATE","RouteId":5,"RunId":2,"Speed":21,"TripId":1120,"VehicleId":805},{"BlockFareboxId":9,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"SbO","DirectionLong":"Southbound_Outbound","DisplayStatus":"ON TIME","DriverName":"Walters","GPSStatus":2,"Heading":30,"LastStop":"Station Medical Center & Blair Medical","LastUpdated":"\/Date(1374593289000-0400)\/","Latitude":40.512337,"Longitude":-78.400357,"Name":"807","OnBoard":4,"OpStatus":"ONTIME","RouteId":3,"RunId":1,"Speed":30,"TripId":1120,"VehicleId":807},{"BlockFareboxId":5,"CommStatus":"GOOD","Destination":"Crosstown Walmart","Deviation":0,"Direction":"SbI","DirectionLong":"Southbound_Inbound","DisplayStatus":"ON TIME","DriverName":"James","GPSStatus":2,"Heading":220,"LastStop":"15th St & 25th Ave","LastUpdated":"\/Date(1374593321000-0400)\/","Latitude":40.520684,"Longitude":-78.415652,"Name":"806","OnBoard":5,"OpStatus":"EARLY","RouteId":1,"RunId":5,"Speed":20,"TripId":1120,"VehicleId":806},{"BlockFareboxId":4,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"Und","DirectionLong":"Undefined","DisplayStatus":"ON TIME","DriverName":"Hopfl","GPSStatus":2,"Heading":232,"LastStop":"","LastUpdated":"\/Date(1374593322000-0400)\/","Latitude":40.514088,"Longitude":-78.40218,"Name":"804","OnBoard":0,"OpStatus":"ONTIME","RouteId":8,"RunId":9,"Speed":0,"TripId":1036,"VehicleId":804},{"BlockFareboxId":0,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"L","DirectionLong":"Loop","DisplayStatus":"ON TIME","DriverName":"Aikens","GPSStatus":2,"Heading":118,"LastStop":"Penn Wehnwood","LastUpdated":"\/Date(1374593342000-0400)\/","Latitude":40.537142,"Longitude":-78.3

96459,"Name":"400","OnBoard":8,"OpStatus":"ONTIME","RouteId":10,"RunId":14,"Speed":27,"TripId":1120,"VehicleId":400},{"BlockFareboxId":13,"CommStatus":"GOOD","Destination":null,"Deviation":0,"Direction":"I","DirectionLong":"Inbound","DisplayStatus":"ON TIME","DriverName":"Koontz","GPSStatus":2,"Heading":116,"LastStop":"Martins Bellmeade","LastUpdated":"\/Date(1374593348000-0400)\/","Latitude":40.513796,"Longitude":-78.402835,"Name":"802","OnBoard":6,"OpStatus":"EARLY","RouteId":6,"RunId":8,"Speed":0,"TripId":1100,"VehicleId":802}]

BlockFareboxId	Numeric Block Id
CommStatus	Vehicle Communication status
Destination	Destination Text
Deviation	Numeric deviation of schedule adherence
Direction	Direction text
DirectionLong	Direction long text
DisplayStatus	Schedule Adherence text
DriverName	Name of driver signed on to vehicle
GPSStatus	Numeric GPS status
Heading	Numeric direction heading of vehicle
LastStop	Text name of last stop departed
LastUpdated	Time vehicle information was last updated
Latitude	WGS 84 Latitude format of vehicle location
Longitude	WGS 84 Longitude format of vehicle locatio
Name	Vehicle display name
OnBoard	Numeric Onboard count
OpStatus	Schedule adherence status of vehicle

RouteId	Numeric RouteId
RunId	Numeric RunId
Speed	GPS speed of vehicle
TripId	Numeric TripId
VehicleId	Numeric MDT id

Get Vehicles on a single Route by RouteID:
http://bustracker.pvta.com/InfoPoint/rest/vehicles/getallvehiclesforroute?routeID="*routeId*"

This Json result set only returns the vehicles for a specified route. Replace the "routeId" in the URL with a numeric route id.