Locations - Resources

Search for MasterCard points of interest

OVERVIEW	RESOURCES	SANDBOX	DISCUSSIONS	ERROR CODE

ATM

This resource will return detailed ATM information based on the criteria you provide. The information returned includes location and distance information as well as ATM features like shared deposit, surcharge free, hours of availability and several additional features. Please **contact us** for volume and pricing information.

Why would I need to use this resource?
This resource provides detailed information about an ATM location so that you can display that information to end users of your application. You could use this information in many ways, including displaying ATMs on a map, providing driving directions to an ATM location, and showing special ATM features.

Sandbox URL

```
https://sandbox.api.mastercard.com/atms/v1/atm
```

Production URL

```
https://api.mastercard.com/atms/v1/atm
```

Formats

XML

HTTP Methods

GET

HTTP Version

1.0 / 1.1

Querystring Parameters

Format
Description: This is the desired output format for your response.
Details: Required
Example: XML

PageOffset
Description: The zero-based offset to start at. The actual start position is this value +1. An offset of 10 starts at item 11. Combined with the PageLength option, this allows pagination to be supported through the service requests.
Details: Required
Example: PageLength=10 and offset=10 shows cities 11-20, or page 2 in 10-base pagination

PageLength
Description: The maximum number of items to retrieve within the current "page" of results.
Details: Required
Example: Any integer value of 25 or less

AddressLine1
Description: Line 1 of the street address for the merchant location. Usually includes the street number and name. This parameter is ignored if latitude and longitude are provided. If you provide this parameter, you must also provide the Country parameter, and either City parameter or PostalCode parameter.
Details: Optional
Example: 42 Elm Avenue

AddressLine2
Description: Line 2 of the street address, usually an apartment number or suite number. This parameter is used rarely, and is ignored if latitude and longitude are provided. If you provide this parameter, you must also provide the Country parameter, and either City parameter or PostalCode parameter.
Details: Optional
Example: Suite 101

City
Description: The name of the city for a merchant location. This parameter is ignored if latitude and longitude are provided. If you provide this parameter, you must also provide the Country parameter.
Details: Optional
Example: New York

CountrySubdivision
Description: The state or province for a merchant location (only supported for US and Canada locations). This parameter is ignored if latitude and longitude are provided. If you provide this parameter, you must also provide the Country parameter.
Details: Optional
Example: NY

PostalCode
Description: The zip code or postal code for a merchant location. This parameter is ignored if latitude and longitude are provided. If you provide this parameter, you must also provide the Country parameter.
Details: Optional
Example: 22122

Country
Description: Any three digit country code for an ATM location. Valid values are: Three digit alpha country code as defined in ISO 3166-1. This parameter is ignored if latitude and longitude are provided. This parameter is required if any other address information is provided, including AddressLine1, AddressLine2, City, PostalCode or CountrySubdivision. By default we supply ATM location data for United States ATMs, for up to twenty-five records per request. For additional countries or greater per-call volumes, customized service can be arranged.
Details: Conditional
Example: USA

Latitude
Description: The latitude of a merchant location. If latitude is provided, longitude must also be provided.
Details: Conditional
Example: 41.378612

Longitude
Description: The longitude of a merchant location. If longitude is provided, latitude must also be provided.
Details: Conditional
Example: -88.251114

DistanceUnit
Description: Indicates the unit for the radius, as well as the units of the distance of each location from the basepoint in the response.
Details: Optional
Valid Values: "MILE" or "KILOMETER"

Radius
Description: This is the radius from the search point in the distance unit you set. For example, if you want to search for locations within 50 miles of a certain point, you would set DistanceUnit=mile, and Radius=50. This parameter is ignored in non-geocoded countries.
Details: Optional
Valid Values: any integer from 1 to 100 (default 25)

Example Request

```
http://api.mastercard.com/atms/v1/atm?
Format=XML&PageOffset=0&PageLength=10&AddressLine1=70 Main
St&PostalCode=63366&Country=USA
```

Response Values

Atms.PageOffset
Description: The zero-based offset to start at. The actual start position is this value +1. An offset of 10 starts at item 11.
Example: Combined with the PageLength option, this allows pagination to be supported through the service requests. PageLength=10 and PageOffset=10 shows merchants 11-20, or page 2 in 10-base pagination. By default, the maximum offset is 25.

Atms.TotalCount
Description: This is the total number of ATMs that match your criteria.
Example: 2746

Atms.Atm.Location.Name
Description: This is the name of the ATM location
Example: QUIK TRIP STORE 1

Atms.Atm.Location.Distance
Description: This is the numerical value for the distance from the provided location to the selected ATM.
Example: .91

Atms.Atm.Location.DistanceUnit
Description: This is the unit of measure value for the distance from the provided location to the selected ATM.
Valid Values: KILOMETER, MILE

Atms.Atm.Location.Address.Line1
Description: Line 1 of the street address for the merchant location. Usually includes the street number and name.
Example: 42 ELM AVENUE

Atms.Atm.Location.Address.Line2
Description: Line 2 of the street address, usually an apartment number or suite number.
Example: SUITE 100

Atms.Atm.Location.Address.City
Description: The name of the city for an ATM location.
Example: CHICAGO

Atms.Atm.Location.Address.PostalCode
Description: The zip code or postal code for an ATM location.
Example: 60601

Atms.Atm.Location.Address.CountrySubdivision.Name
Description: This is the name of the state or province for an ATM location.
Example: ILLINOIS

Atms.Atm.Location.Address.CountrySubdivision.Code
Description: The abbreviated code for the state or province.
Example: IL

Atms.Atm.Location.Address.Country.Name
Description: The name of the country for an ATM location.
Example: ENGLAND

Atms.Atm.Location.Address.Country.Code
Description: Three digit alpha country code as defined in ISO 3166-1.
Example: GBR

Atms.Atm.Location.Point.Latitude
Description: The latitude of the merchant's location.
Example: 32.75723000000001

Atms.Atm.Location.Point.Longitude
Description: The longitude of the merchant's location.
Example: 89.700215

Atms.Atm.Location.LocationType.Type
Description: This is the type of location for the ATM.
Example: OTHER, AIRPORT, HOSPITAL, FINANCIAL_INSTITUTION

Atms.Atm.Location.LocationType.AirportCode
Description: Airport code is a 3 digit field. This is an optional field and will only be returned if
Atms.Atm.Location.LocationType.Type
=AIRPORT.
Example: JFK, STL, MIA

Atms.Atm.HandicapAccessible
Description: This value indicates whether or not the ATM is accessible by wheelchair.
Valid Values: UNKNOWN, YES, NO

Atms.Atm.Camera
Description: This value indicates whether or not a security camera is present or near ATM.
Valid Values: UNKNOWN, YES, NO

Atms.Atm.Availability
Description: This value indicates the availability hours of the ATM.
Valid Values: UNKNOWN, ALWAYS_AVAILABLE, BUSINESS_HOURS, IRREGULAR_HOURS

Atms.Atm.AccessFees
Description: This value indicates under what conditions access fees are charged.
Valid Values: UNKNOWN, DOMESTIC, INTERNATIONAL, DOMESTIC_AND_INTERNATIONAL, NO_FEE

Atms.Atm.Owner
Description: This is the DBA name of the financial institution, affiliate or independent service organization
Example: EGLOBAL

Atms.Atm.SharedDeposit
Description: This value indicates whether or not the ATM participates in the MasterCard Shared Deposit network.
Valid Values: YES, NO

Atms.Atm.SurchargeFreeAlliance
Description: This value indicates whether or not the ATM participates in the MasterCard Shared (only) Surcharge Free Alliance network.
Valid Values: YES, NO

Atms.Atm.SurchargeFreeAllianceNetwork
Description: This value indicates whether or not the ATM participates in the MasterCard Shared (only) Surcharge Free Alliance network.
Valid Values: DOES_NOT_PARTICIPATE_IN_SFA, ALLPOINT_PREPAID, MONEYPASS_DEBIT and ALL_SURCHARGE_FREE

Atms.Atm.Sponsor
Description: This is the legal or business name of the entity that sponsors the owner of the ATM into the MasterCard network.
Example: Peoples Bank

Example Response

```xml
<?xml version="1.0" encoding="utf-8"?>
<Atms>
        <PageOffset>0</PageOffset>
        <TotalCount>2746</TotalCount>
        <Atm>
                <Location>
                        <Name>QUIK TRIP STORE 1</Name>
                        <Distance>.51</Distance>
                        <DistanceUnit>MILE</DistanceUnit>
                        <Address>
                                <Line1>149 Main St</Line1>
                                <City>OFALLON</City>
                                <PostalCode>63366</PostalCode>
                                <CountrySubdivision>
                                        <Name>MISSOURI</Name>
                                        <Code>MO</Code>
                                </CountrySubdivision>
                                <Country>
                                        <Name>USA</USA>
                                        <Code>USA</USA>
                                </Country>
                        </Address>
                        <Point>
```

```xml
                                <Latitude>38.75723000000001</Latitude>
                                <Longitude>-90.700215</Longitude>
                        </Point>
                        <LocationType>
                                <Type>AIRPORT</Type>
                                <AirportCode>STL</AirportCode>
                        </LocationType>
                </Location>
                <HandicapAccessible>NO</HandicapAccessible>
                <Camera>YES</Camera>
                <Availability>UNKNOWN</Availability>
                <AccessFees>NO_FEE</AccessFees>
                <Owner>EGLOBAL</Owner>
                <SharedDeposit>YES</SharedDeposit>
                <SurchargeFreeAlliance>YES</SurchargeFreeAlliance>

<SurchargeFreeAllianceNetwork>Allpoint_Prepaid</SurchargeFreeAlli
anceNetwork>
                <Sponsor>METABANK</Sponsor>
        </Atm>
  </Atms>
```