



## ATRIIS API HR WEB SERVICES

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1.0				
1.1	16.7.2018			Anna Shekhtman
1.2	4.7.2019	Added IsContactAddOnly  IsPassportsDetailsAddOnly		Alexander Shteinberg

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		IsMembershipAddOnly		
1.3	07.01.2020	Added: HR Delete Service Updated: Approvers in HR Service		Irina Levin
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		KnownTraveler / RedressNumber / ApplicableCountry		
<b>2.1</b>	<b>07.03.2024</b>	Added ability to send Gender as "None"		<b>Tsach Arrad</b>
<b>2.2</b>	<b>28.03.2024</b>	Added ability to send car transmission as not preferred		<b>Alexey Eppelman</b>
<b>2.3</b>	<b>08.04.2024</b>	Fixed documentation for emergency contact and car type		

## ATRIIS Web Services

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## Preview

ATRIIS API REST services allow ATRIIS customers to search/ book flights.

The following document describes each method within the service and defines their inputs and outputs.

## Step 1: Authorization

The first step in the integration process is to create an authorization request. The purpose of this is to receive the TokenId which you will submit with every request in future as authentication and identification.

**Important** : Please note that the token is considered expired after **expires\_in** seconds which is returned by this request: 43200 for example(12 hours) . In order to avoid Authorization request for each API request, you may store the result token in your DB or cache and continue reuse it up to expires\_in seconds after the authorization request. You may use several active tokens for API user while using multiple authorization requests.

In authorization request there are some fields that must be submitted.

client\_id=gtp\_ro

client\_secret=216cc84e-a4ba-46f3-ad0b-dc74f34efb8b

grant\_type=password

username = {username} - will be provided by Atriis

password={password} - will be provided by Atriis

scope=openid profile roles backendAPI

**In addition API KEY should be passed in the Header.**

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## How to create API KEY?

Please sign up using one of the links below (your Atriis contact will advise if you should register to staging or production):

Staging: <https://tmc2staging.developer.azure-api.net/signup>

Production: <https://gtp.developer.azure-api.net/signup>

Once Atriis administrator will approve your subscription, you will get an API KEY.

Example of how to get a token in C# - In addition there is an example on the ATRIIS portal,

```
var client = new HttpClient();

    // Request headers

    client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key",
"df4f6781c2284807adf56884393faa5c");

    var tokenUri = "https://tmc2staging.azure-api.net/Authorize";

    HttpResponseMessage tokenResponse;

    // Request body

    byte[] byteData = Encoding.UTF8.GetBytes("client_id=gtp_ro&client_secret=216cc84e-
a4ba-46f3-ad0b-
dc74f34efb8b&grant_type=password&username={username}&password={password}&scope=o
penid profile roles backendAPI");

    using (var content = new ByteArrayContent(byteData))
    {
        tokenResponse = client.PostAsync(tokenUri, content).Result;
    }

    string tokenResponseBody = tokenResponse.Content.ReadAsStringAsync().Result;

    dynamic stuff = JsonConvert.DeserializeObject(tokenResponseBody);
```

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var token = stuff.access\_token;

## Example from ATRIIS portal

The screenshot shows the ATRIIS portal interface for the 'Authorize' endpoint. At the top, a blue banner contains the text: 'Developers can discover and learn about Atriis API. Just sign up for an API key and start consuming this sample API right away!' with a green 'Sign up' button. Below this, the 'Authorize' endpoint is detailed. The 'Request URL' is 'https://tmc2staging.azure-api.net/Authorize/'. The 'Request headers' section includes 'Ocp-Apim-Subscription-Key' with a description: 'Subscription key which provides access to this API. Found in your Profile.' The 'Request body' contains the query string: 'client\_id=&client\_secret=&grant\_type=password&username=&password=&scope='. A 'Code samples' section is visible, with a 'Try it' button circled in blue. The code samples are for C#, Java, JavaScript, ObjC, PHP, Python, and Ruby. The C# sample is shown, featuring using statements for System, System.Net.Http.Headers, System.Text, System.Net.Http, and System.Web, and a namespace for CSHttpClientSample.

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## HR Service

This method allows synchronize profiles from 3rd party to GTP

### Step 2: Submitting the search request

URI:

Staging: <https://tmc2staging.azure-api.net/hr/v2/hr>

Production: <https://gtp.azure-api.net/hr/v2/hr>

Method: POST

Request:

Field name	Type	Definition	Optional	Comments
CompanyId	int			Will be provided by Atriis
Profiles	<a href="#">Profile[]</a>		No	
-UserName	string		No	GTP username
-Department	string		No	GTP user group
- GdsData	<a href="#">GDSProfileData[]</a>			
--GDSProfileLocator	string		No	
--GDSBusinessLocator	string		No	
--GDSOfficeID	string		No	
-DontUpdateNameFields	boolean		Yes	Default value false
-IsBirthDateAddOnly	boolean		Yes	Default value false
-IsUserGroupAddOnly	boolean		Yes	Default value false
-FirstName	string		No	
-MiddleName	string		No	



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-LastName	string		No	
-BirthDate	DateTime		No	Yyyy-MM-dd
-Gender	Enum			0 =Female, 1= Male,2= None
-Title	Enum		No	0 = Mr, 1=Mrs, 2=Miss, 3=Dr, 4=Ms, 5=Prof, 6=None
-EmailAddress	string		No	
-CCEmail	string		No	
-ApplicableCountry	string		Yes	2 letters ISO 3166
-RedressNumber	string		Yes	
-KnownTravelerNumber	string		Yes	
-TPC	string		Yes	
-HomePhone	Phone		Yes	
-- CountryCode	String	[1..4]	No	Must be up to 4 digits
-- AreaCode	string	[1..4]	No	Must be up to 4 digits
-- Number	string		No	
-Phone	Phone		yes	
-- CountryCode	String	[1..4]	No	Must be up to 4 digits
-- AreaCode	string	[1..4]	No	Must be up to 4 digits
-- Number	string		No	
-Mobile	Phone		yes	
-- CountryCode	String	[1..4]	No	Must be up to 4 digits
-- AreaCode	string	[1..4]	No	Must be up to 4 digits

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-- Number	string		No	
- Fax	Phone		Yes	
-- CountryCode	String	[1..4]	No	Must be up to 4 digits
-- AreaCode	string	[1..4]	No	Must be up to 4 digits
-- Number	string		No	
- Addresses	Address		Yes	
-- Type	AddressType			Enum: 0- Work 1- Home 2- Billing
-- City	string		Yes	
-- AddressLine	string		Yes	
-- ZipCode	string		Yes	
-- Country	string		Yes	2 letters code
-- State	string		Yes	
-- Phone	Phone		Yes	
-- Fax	Phone		Yes	
-IsContactAddOnly	bool		yes	default false
- EmergencyContact	EmergencyContactDetails		Yes	
-- Name	string		Yes	
-- Email	string		Yes	
-- Mobile	Phone		Yes	{ "CountryCode": "973", "AreaCode": "05", "Number": "76743434" }

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-IsPassportsDetailsAddOnly	bool		yes	default false – in case of true – Passports will be only added and not updated
-PassportsDetails	Passport[]		Yes	
-- PassportNumber	string		No	
-- IssueAt	string		No	2 Letters countryCode
-- Nationality	string		No	2 Letters countryCode
-- ValidUntil	DateTime		No	
-- DateOfIssue	DateTime		No	
-- IsPrimary	bool		No	
-- Visas	Visa[]		Yes	
--- VisaFor	string		No	2 letters country code
--- VisaNumber	string		No	
-- ValidUntil	DateTime		No	
-- DynamicProfileFields	DynamicField[]		Yes	
--- Name	string		No	
--- Value	String		No	
-IsMembershipAddOnly	bool		yes	default false – in case of true – memberships will be only added and not updated
--Memberships	Membership[]		Yes	
--- ProgramVendor	string		No	2 letter code

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				Air = carrier Hotel = chain Car = rental company code 3 letter code Rail = vendor (e.g. "THA")
--- ProgramNumber	string		No	
--- Product	Enum		No	0= Air, 1= Hotel, 2= Car, 3= Rail
-- CreditCards	<a href="#">CreditCardInfo</a> []		Yes	
--- Type	string	Credit card code	No	VI,MC...
--- Name	string		No	Display name
---ExpMonth	int			08
--- ExpYear	int	No		
--- Address	<a href="#">Address</a>	No		
--- Type	<a href="#">AddressType</a>			Must be Billing
--- City	string		Yes	
--- AddressLine	string		Yes	
--- ZipCode	string		Yes	

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--- Country	string		Yes	2 letters code
-- -State	string		Yes	
--- Phone	Phone		Yes	
--- Fax	Phone		Yes	
-UserFlightPreferences	<a href="#">CorporateUserFlightPreferences</a>		Yes	
-- HomeAirport	string		Yes	3 letters code
--Seat	Enum		No	0 = Aisle, 1 = Window
--CabinClass	Enum		No	0 = Economy, 1 = PremiumEconomy, 2 = Business, 3 = First
--MealType	string		Yes	4 letter GDS code Ex. DBML
--PreferredAirlineCarrier	string		Yes	2 letters airline code LY,BA
--NonPreferredAirlineCarrier	string		Yes	2 letters airline code LY,BA
--AdditionalFlightInformation	string		Yes	
-- AdditionalSeatInformation	string		Yes	
- UserHotelPreferences	<a href="#">CorporateUserHotelPreferences</a>		Yes	
-- PreferredHotelVendor	string		Yes	2 letters chain code
-- NonPreferredHotelVendor	string		Yes	2 letters chain code
--AdditionalHotelInformation	string		Yes	

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--HotelBedType	Enum		No	0 = Single, 1 = Double, 2 = Triple
--HotelRoomType	Enum		No	0 = NonSmoking, 1 = Smoking
-UserCarPreferences	<a href="#">CorporateUserCarPreferences</a>			
--PreferredCarVendor	string		Yes	2 letters car vendor code
--NonPreferredCarVendor	string		Yes	2 letters car vendor code Ex. ZI
--CarType	string		Yes	Mini, MiniElite, Economy, EconomyElite, Compact, CompactElite, Intermediate, IntermediateElite, Standard, StandardElite, Fullsize, FullsizeElite, Premium, PremiumElite, Luxury, LuxuryElite, Oversize, Special, Kleinstwagen, UntereMittelklasse, Kleinwagen
--Transmission	Enum		Yes	0 = Manual,

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				1 = Automatic 2= Not Selected
-RoleName	string		Yes	The name should be exactly like Role in GTP
-TravelPolicyName	string		Yes	The name should be exactly like travel policy in GTP
-ApprovalChainName	string		Yes	The name should be exactly like approval chain in GTP
-Inactive	bool		No	Default value false
-CorporationId	int		No	Will be provided by Atriis
-Approvers	Approver[]			
--Approver	Approver		Yes	
---Username	string		Yes	

Request Example:

```
{
  "Profiles": [
    {
      "FirstName": "nana",
      "MiddleName": "nana nana",
      "LastName": "banana",
      "BirthDate": "1978-03-04T00:00:00",
      "Gender": 0,
      "Title": 3,
      "TPC": "123456",
      "EmailAddress": "nana@Atriis.com",
      "CCEmail": "nana2@Atriis.com",
      "HomeAirport": "tlv",
      "HomePhone": {
        "CountryCode": "973",
```

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```
"AreaCode": "05",
"Number": "56666666"
},
"GSDData": [
  {
    "GDSProfileLocator": "test",
    "GDSBusinessLocator": "dfbes",
    "GDSOfficeID": "umbrella"
  }
],
"Department": "789456",
"Phone": {
  "CountryCode": "973",
  "AreaCode": "05",
  "Number": "76743434"
},
"Mobile": {
  "CountryCode": "973",
  "AreaCode": "05",
  "Number": "56666666"
},
"Fax": {
  "CountryCode": "973",
  "AreaCode": "05",
  "Number": "56666666"
},
"UserName": "nana@nana.nana",
"Addresses": [
  {
    "AddressLine": "bla bla bla",
    "City": "LON",
    "ZipCode": null,
    "Country": "GB",
    "State": null,
    "Type": 0,
    "Phone": null,
    "Fax": null
  },
  {
    "AddressLine": "bla bla bla",
```



# atriis

```
"City": "tiberias",
"ZipCode": null,
"Country": "GB",
"State": null,
"Type": 1,
"Phone": null,
"Fax": null
} ],

"EmergencyContact": {
  "Name": "testttt ssaa",
  "Email": "test@test.com",
  "Mobile": {
    "CountryCode": "973",
    "AreaCode": "04",
    "Number": "67000900"
  }
},
"PassportsDetails": [
  {
    "PassportNumber": "555555555",
    "IssueAt": "IL",
    "Nationality": "IL",
    "NationalityDisplay": null,
    "ValidUntil": "2018-03-04T00:00:00",
    "DateOfIssue": null,
    "CorporateUserId": 0,
    "IsPrimary": false,
    "Visas": [
      {
        "VisaFor": "US",
        "ValidUntil": "2020-03-04T00:00:00",
        "VisaNumber": "0904545"
      }
    ]
  },
  {
    "PassportNumber": "666666",
    "IssueAt": "IL",
    "Nationality": "IL",
    "NationalityDisplay": null,
    "ValidUntil": "2018-03-04T00:00:00",
    "DateOfIssue": null,
```

# atriis

```
"CorporateUserId": 0,
  "IsPrimary": false,
  "Visas": null
},
  "DynamicProfileFields": [
    {
      "Name": "Cost Center",
      "Value": "77777777"
    }
  ],
  "Memberships": [
  ],
  "CreditCards": [
    {
      "Type": "VI",
      "Name": "My card",
      "ExpMonth": 4,
      "ExpYear": 2019,
      "Number": "4580458045804580",
      "IsDebitCard": false,
      "CardHolderName": "anna shekht",
      "Address": {
        "AddressLine": "bla bla bla",
        "City": "LON",
        "ZipCode": null,
        "Country": "GB",
        "State": null,
        "Type": 2,
        "Phone": {
          "CountryCode": "04",
          "AreaCode": "972",
          "Number": "6700900"
        },
        "Fax": {
          "CountryCode": "04",
          "AreaCode": "972",
          "Number": "6700990"
        }
      }
    }
  ],
  "Approvers": [
```

# atriis

```
{
  "UserName": "Netta@pors2.com,pini@poks.com"
},
{
  "UserName": "noga@ps.com"
} ] } ],
"CompanyId": 15
}
```

Response:

Field name	Type	Definition	Optional	Comments
Responses	HrUserResponse []		No	
-ResponseStatus	Enum		No	0= Success, 1= Failure, 2= Partial
-Errors	String[]		Yes	Set in case of partial or failure
-SuccessMessage	string		Yes	
-UserName	string		No	

## Credit Card Types Service

### Step 2: Submitting the search request

URI:

Staging : <https://tmc2staging.azure-api.net/v2/CreditCardTypes>

Production : <https://gtp.azure-api.net/v2/CreditCardTypes>

# atriis

Method: GET

Response:

Field name	Type	Definition	Optional	Comments
Name	string		No	Alaska
Code	string		No	AK

## State Service

Step 2: Submitting the search request

URI:

Staging : <https://tmc2staging.azure-api.net/v2/States?countryCode=XX>

Production : <https://gtp.azure-api.net/v2/States?countryCode=XX>

Method: GET

Request:

countryCode : string

Response:

Field name	Type	Definition	Optional	Comments
Name	string		No	MasterCard
Code	string		No	CA

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## Country Service

### Step 2: Submitting the search request

URI:

Staging : <https://tmc2staging.azure-api.net/v2/Countries>

Production : <https://gtp.azure-api.net/v2/Countries>

Method: GET

### Response:

Field name	Type	Definition	Optional	Comments
Name	string		No	AUSTRALIA
Code	string		No	AU

## Hr Update Service

This method allows synchronize profiles from GTP

URI:

Staging : <https://tmc2staging.azure-api.net/hr/v2/hrupdate>

Production : <https://gtp.azure-api.net/hr/v2/hrupdate>

Method: POST

### Request:

Field name	Type	Definition	Optional	Comments
AgencyId	int		No	will be provided by Atriis

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CorporationId	int		No	will be provided by Atriis
---------------	-----	--	----	----------------------------

Request Example:

```
{ "AgencyId": 5,  
  "CorporationId": 273250  
}
```

Response in the same structure like HR Service request:

for example:

```
{  
  "Profiles": [  
    {  
      "FirstName": "Lior",  
      "MiddleName": "",  
      "LastName": "Kimhii",  
      "BirthDate": "1978-03-04T12:00:00",  
      "Gender": 0,  
      "Title": "Mr",  
      "EmailAddress": "travelercorp2@atriis.com",  
      "CCEmail": null,  
      "UserName": "lioratriiscom",  
      "UserFlightPreferences": null,  
      "UserHotelPreferences": null,  
    }  
  ]  
}
```

# atriis

```
"UserCarPreferences": null,  
"GSDData": [  
  {  
    "GDSProfileLocator": "test",  
    "GDSBusinessLocator": "AAAAAA",  
    "GDSOfficeID": "RPNL21111"  
  }  
],  
"Department": "AnnaTest",  
"Phone": {  
  "CountryCode": "973",  
  "AreaCode": "05",  
  "Number": "76743434"  
},  
"HomePhone": {  
  "CountryCode": "973",  
  "AreaCode": "05",  
  "Number": "56666666"  
},  
"Mobile": {  
  "CountryCode": "973",  
  "AreaCode": "05",  
  "Number": "56666666"  
},  
"Fax": {
```

# atriis

```
"CountryCode": "973",  
"AreaCode": "05",  
"Number": "56666666"  
},  
"Addresses": [  
  {  
    "AddressLine": "bla bla bla",  
    "City": "tiberias",  
    "ZipCode": null,  
    "Country": "GB",  
    "State": null,  
    "Type": 1,  
    "Phone": null,  
    "Fax": null  
  },  
  {  
    "AddressLine": "bla bla bla",  
    "City": "LON",  
    "ZipCode": null,  
    "Country": "GB",  
    "State": null,  
    "Type": 0,  
    "Phone": null,  
    "Fax": null  
  }  
]
```



# atriis

```
],
  "EmergencyContact": {
    "Name": "testttt ssaa",
    "Email": "test@test.com",
    "Mobile": "973-04-67000900"
  },
  "PassportsDetails": [
    {
      "PassportNumber": "555555555",
      "IssueAt": "IL",
      "Nationality": "IL",
      "ValidUntil": "2018-03-04T00:00:00",
      "DateOfIssue": null,
      "CorporateUserId": 53238192,
      "IsPrimary": false,
      "Visas": [
        {
          "VisaFor": "US",
          "ValidUntil": "2020-03-04T00:00:00",
          "VisaNumber": "0904545"
        }
      ]
    }
  ],
  {
    "PassportNumber": "666666",
```

# atriis

```
"IssueAt": "IL",
"Nationality": "IL",
"ValidUntil": "2018-03-04T00:00:00",
"DateOfIssue": null,
"CorporateUserId": 53238192,
"IsPrimary": false,
"Visas": []
}
],
"DynamicProfileFields": [
  {
    "Name": "Cost Code",
    "Value": "ACQUISITION"
  },
  {
    "Name": "Country Code",
    "Value": null
  },
  {
    "Name": "ccc",
    "Value": null
  },
  {
    "Name": "Bluebiz",
    "Value": "YYOIN NL123456"
```

# atriis

```
    }  
  ],  
  "Memberships": [  
    {  
      "ProgramVendor": "BA",  
      "ProgramNumber": "3445454",  
      "Product": "flight"  
    }  
  ],  
  "CreditCards": null,  
  "Approvers": [  
    {  
      "UserName": "kerenkimhi@atriis.com"  
    }  
  ],  
  "RoleName": "booker",  
  "TravelPolicyName": null,  
  "CorporationId": 273250,  
  "ExternalProfileId": null,  
  "ExternalTravelerType": 0,  
  "Inactive": false,  
  "IsMembershipAddOnly": false,  
  "IsPassportsDetailsAddOnly": false,  
  "IsContactAddOnly": false  
}
```

# atriis

```
    ],ErrorMessage": null,  
    "IsSuccess": true  
  }  
}
```

## Hr Delete Service

This method allows delete profiles from GTP

URI:

Staging : <https://tmc2staging.azure-api.net/hr/v2/hr>

Production : <https://gtp.azure-api.net/hr/v2/hr>

Method: DELETE

Request:

Field name	Type	Definition	Optional	Comments
Username	string		No	Username whose profile should be deleted
CorporationId	int		No	Corporation Id which the provided user belongs

**Request Example:**

```
{  
  "Username": "irina.levin@atriis.com",  
  "Corporateld": 275211  
}
```

**Response:**

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Field name	Type	Definition	Optional	Comments
Responses	<a href="#">HrUserDeleteResponse</a>		No	
-ResponseStatus	Enum		No	0= Success, 1= Failure, 2= Partial
-Errors	<a href="#">String[]</a>		Yes	Set in case of partial or failure
-SuccessMessage	string		Yes	
-UserName	string		No	
-CorporationId	<a href="#">int</a>		No	