

## Widget API v1.11

All calls to use a Content Type of **application/json**

Authentication can be optionally using either:

- Username and password, or
- OAuth2 Token protocol

Username and password is passed in clear text over SSL however OAuth is recommended for improved security.

To obtain an OAuth token, adopt the OAuth2 protocol, calling to the following address:

GET	/oAuth2/Authorize
-----	-------------------

Pass the following parameters

<b>client_id</b>	"EvoApi_1.0"
<b>response_type</b>	"code"
<b>scope</b>	"read,write"
<b>redirect_uri</b>	Redirect Uri to pass back to
<b>state</b>	State string that will be passed back

This will return a code back to the redirected uri provided with the following items:

<b>code</b>	Authorisation code to be passed in the next step
<b>state</b>	State string provided in the first step to validate call

POST	/oAuth2/Token
------	---------------

Pass the following parameters

<b>client_id</b>	"EvoApi_1.0"
<b>redirect_uri</b>	Uri
<b>grant_type</b>	"authorization_code" or "refresh_token"
<b>client_secret</b>	Client secret (issued on request)
<b>code</b>	Authorisation code passed in the previous step
<b>refresh_token</b>	Redirect Uri from above

This will return an OAuth Token for use in all subsequent calls

<b>Token</b>	OAuth Token e.g. a124bf0d-4388-4a8e-a1a4-118a46221387
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Please pass a "Bearer" header in all subsequent calls to the Widget API with the following

Bearer	e.g. a124bf0d-4388-4a8e-a1a4-118a46221387
--------	---

POST	/api/widget/checkLogon
------	------------------------

Able to pass the unique client API key (from TrackerRMS) and username (the user's email address) to the api to check they are a valid user on start-up of your application, or pure oAuth details.

Sample Request:

```
{
  "trackerrms": {
    "checkLogon": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthtoken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 0
}
```

Response status codes:

<b>0</b>	success
<b>1</b>	user not found
<b>2</b>	user not active
<b>99</b>	Invalid request

POST	/api/widget/createContact
------	---------------------------

Able to payload of data to the api in order to create or update a contact record within the TrackerRMS database.

Sample Request:

```
{
  "trackerrms": {
    "createContact": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthToken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      },
      "instructions": {
        "createCompanyIfNotExists": true,
        "overwriteContact": false
      },
      "contact": {
        "firstName": "John",
        "lastName": "Brown",
        "fullName": "John Brown",
        "jobTitle": "Managing Director",
        "company": "ABC Incorporated",
        "address1": "2567 Lexington Avenue",
        "address2": "",
        "city": "New York",
        "state": "NY",
        "zipCode": "10263",
        "country": "United States",
        "businessPhone": "555-2387",
        "homePhone": "",
        "cellPhone": "888-3465",
        "email": "john.brown@abcincorp.com",
        "linkedin": "https://linkedin.com/jbabc/",
        "website": "",
        "note": "Lorem ipsum dolor sit amet.",
        "image": "http://url.to.image"
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 0
}
```

Response status codes:

0	success (message will be "created" or "updated")
1	user not found
2	user not active
3	record found and cannot be overwritten
99	Invalid request

POST	/api/widget/createResource
------	----------------------------

Able to payload of data to the api in order to create or update a resource (candidate) record within the TrackerRMS database.

Please use only 1 of the following authentication methods

- **oAuth Header** Authorization (preferred)
- **oAuth Token** in the “credentials” section
- **Username** and **Password** in the “credentials” section
- **ApiKey** in the “credentials” section (user will default to system admin)

Sample Request:

```
{
  "trackerrms": {
    "createResource": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthtoken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64",
        "apikey": "knREmvtzyRfBMfep2mvn"
      },
      "instructions": {
        "overwriteresource": false,
        "assigntoopportunity": 1654,
        "assigntolist": "short",
        "shortlistedby": "resource"
      },
      "resource": {
        "firstname": "Jane",
        "lastname": "Selby",
        "fullname": "Jane Selby",
        "jobtitle": "Java Programmer",
        "company": "Wonderful Java Inc",
        "address1": "2245 Jasper Lane",
        "address2": "Del Mar",
        "city": "San Diego",
        "state": "CA",
        "zipcode": "92367",
        "country": "United States",
        "workphone": "",
        "homephone": "555-3748",
        "cellphone": "888-3487",
        "email": "jane.selby@gmailx.com",
        "linkedin": "https://linkedin.com/jsca/",
        "dateofbirth": "1984-04-28",
        "nationality": "United States",
        "languages": "French, English",
        "education": "Master's Degree",
        "source": "Website",
        "jobhistory": [
          {
            "company": "Wonderful Java Inc.",
            "jobtitle": "Java Programmer",
            "startdate": "2016",
            "enddate": "",
            "description": "I programmed Java"
          },
          {
            "company": "Another Company",
            "jobtitle": "Junior JS Developer",
            "startdate": "2013",
            "enddate": "2017",

```

```

        "description": "Graduate developer"
      }
    ],
    "salary": 33000,
    "note": " Lorem ipsum dolor sit amet.",
    "image": "http://url.to.image"
  }
}
}

```

Sample Response:

```

{
  "status": 0,
  "message": "success",
  "count": 0
}

```

Response status codes:

<b>0</b>	success (message will be “created” or “updated”)
<b>1</b>	user not found
<b>2</b>	user not active
<b>3</b>	record found and cannot be overwritten
<b>99</b>	Invalid request

Assign to List options:

<b>short</b>	Assign to the Shortlist
<b>long</b>	Assign to the Longlist

Shortlisted by options:

<b>user</b>	Set the status based on being shortlisted by a User
<b>resource</b>	Set the status based on being shortlisted by a Candidate

POST	/api/widget/createResourceFromResume
------	--------------------------------------

Able to payload of data to the api in order to create or update a resource (candidate) record within the TrackerRMS database using a resume file. The data should be a Base64 encoded string of the resume binary.

Please use only 1 of the following authentication methods

- **oAuth Header** Authorization (preferred)
- **oAuth Token** in the “credentials” section
- **Username** and **Password** in the “credentials” section
- **ApiKey** in the “credentials” section (user will default to system admin)

Sample Request:

```
{
  "trackerrms": {
    "createResourceFromResume": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthtoken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64",
        "apikey": "knREmvtzyRfBMfep2mvmn"
      },
      "instructions": {
        "assigntoopportunity": 1654,
        "assigntolist": "short",
        "shortlistedby": "user"
      },
      "resource": {
        "firstname": "Jane",
        "lastname": "Selby",
        "fullname": "Jane Selby",
        "jobtitle": "Java Programmer",
        "email": "jane.selby@somewhere.com",
        "note": " Lorem ipsum dolor sit amet.",
        "source": "Website"
      },
      "file": {
        "filename": "Jane Selby Resume.docx",
        "data": "ADDSF48ghsz0qv34vew..."
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 0,
  "recordId": 0,
  "recordName": ""
}
```

Response status codes:

<b>0</b>	success (message will be “created” or “updated”)
<b>1</b>	user not found
<b>2</b>	user not active
<b>3</b>	record found and cannot be overwritten
<b>99</b>	Invalid request

Assign to List options:

<b>short</b>	Assign to the Shortlist
<b>long</b>	Assign to the Longlist

Shortlisted by options:

<b>user</b>	Set the status based on being shortlisted by a User
<b>resource</b>	Set the status based on being shortlisted by a Candidate

POST	/api/widget/createLead
------	------------------------

Able to payload of data to the api in order to create a lead record within the TrackerRMS database.

Sample Request:

```
{
  "trackerrms": {
    "createLead": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthToken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      },
      "instructions": {
        "createpersonifnotexists": true,
        "notifydepartment": false
      },
      "lead": {
        "leadname": "New Contact Us Submission",
        "department": "Sales",
        "source": "Website ",
        "description": "Lorem ipsum dolor sit amet.",
        "leadpersontype": "N",
        "firstname": "John",
        "lastname": "Brown",
        "fullname": "John Brown",
        "jobtitle": "Managing Director",
        "company": "ABC Incorporated",
        "address1": "2567 Lexington Avenue",
        "address2": "",
        "city": "New York",
        "state": "NY",
        "zipcode": "10263",
        "country": "United States",
        "businessphone": "555-2387",
        "homephone": "555-6890",
        "cellphone": "888-3465",
        "email": "john.brown@abcincorp.com",
        "linkedin": "https://linkedin.com/jbabc/",
        "website": ""
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 0,
  "recordId": 0,
  "recordName": ""
}
```

Lead Person Types:

<b>N</b>	Contact
<b>R</b>	Resource (Candidate)



Response status codes:

<b>0</b>	Success
<b>1</b>	user not found
<b>2</b>	user not active
<b>99</b>	Invalid request

POST	/api/widget/createOpportunity
------	-------------------------------

Able to payload of data to the api in order to create an opportunity record within the TrackerRMS database.

Sample Request:

```
{
  "trackerrms": {
    "createOpportunity": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthToken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      },
      "instructions": {
        "createpersonifnotexists": true
      },
      "opportunity": {
        "opportunityname": "New Contact Us Submission",
        "department": "Sales",
        "worktype": "Permanent",
        "source": "Client Request",
        "description": "Lorem ipsum dolor sit amet.",
        "firstname": "John",
        "lastname": "Brown",
        "fullname": "John Brown",
        "jobtitle": "Managing Director",
        "company": "ABC Incorporated",
        "address1": "2567 Lexington Avenue",
        "address2": "",
        "city": "New York",
        "state": "NY",
        "zipcode": "10263",
        "country": "United States",
        "businessphone": "555-2387",
        "homephone": "555-6890",
        "cellphone": "888-3465",
        "email": "john.brown@abcincorp.com",
        "linkedin": "https://linkedin.com/jbabac/",
        "website": ""
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 0,
  "recordId": 0,
  "recordName": ""
}
```

Response status codes:

<b>0</b>	Success
<b>1</b>	user not found
<b>2</b>	user not active
<b>99</b>	Invalid request

POST	/api/widget/getRecords
------	------------------------

Able to request records from the api with options search text. Results will return all opportunity (job) records matching the state and search text provided. Record type of "O" – Opportunities which are equivalent to Jobs in TrackerRMS. State can be "", "open", "won" or "closed".

Sample Request:

```
{
  "trackerrms": {
    "getRecords": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthToken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      },
      "instructions": {
        "recordtype": "O",
        "state": "open",
        "searchtext": "",
        "onlymyrecords": true
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 2,
  "results": [
    {
      "id": 1034,
      "name": "JOB-1034 Java Programmer",
      "company": "Western Technical",
      "status": "Resume Sent",
      "dateopened": "2018-06-30"
    },
    {
      "id": 1087,
      "name": "JOB-1087 Senior JQuery Developer",
      "company": "Crisis Development Inc",
      "status": "First Interview",
      "dateopened": "2018-07-04"
    }
  ]
}
```

Record Types:

<b>C</b>	Clients
<b>N</b>	Contacts
<b>L</b>	Leads
<b>O</b>	Opportunities
<b>P</b>	Projects
<b>T</b>	Tickets
<b>R</b>	Resources

State (example):

<b>open</b>	Only Open Opportunities
<b>closed</b>	Only closed Opportunities
<b>won</b>	Only successfully won opportunities
<b>[blank]</b>	All Opportunities

Search Text:

Can include any string value that will filter results based on Opportunity Name.

Only my records:

<b>true</b>	Restricts results to those owned by the user
<b>false</b>	Retrieves all records

Response status codes:

<b>0</b>	success
<b>1</b>	user not found
<b>2</b>	user not active
<b>99</b>	Invalid request

POST	/api/widget/getDocumentFolders
------	--------------------------------

Able to request a list of document folders by record type.

Sample Request:

```
{
  "trackerrms": {
    "getDocumentFolders": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthtoken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      },
      "instructions": {
        "recordtype": "O",
        "recordid": 1234
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 2,
  "results": [
    {
      "id": 1,
      "name": "Contracts"
    },
    {
      "id": 2,
      "name": "Registration Documents"
    }
  ]
}
```

Record Types:

<b>C</b>	Clients
<b>N</b>	Contacts
<b>L</b>	Leads
<b>O</b>	Opportunities
<b>P</b>	Projects
<b>T</b>	Tickets
<b>R</b>	Resources

Response status codes:

<b>0</b>	success
<b>1</b>	user not found
<b>2</b>	user not active
<b>99</b>	Invalid request

POST	/api/widget/checkPerson
------	-------------------------

Able to pass the unique client API key (from TrackerRMS) and username (the user's email address) to the api along with key contact information to check they exist in the system and which record types have been found.

Sample Request:

```
{
  "trackerrms": {
    "checkPerson": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthtoken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      },
      "details": {
        "email": "person.name@domain.com",
        "phone": "5557672",
        "linkedin": "http://www.linkedin.com/my/profile"
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 0,
  "recordLink": "https://usevo1.tracker-rms.com"
  "recordTypes": "CRU"
  "firstRecord": {
    "fullname": "John Smith",
    "jobtitle": "Managing Director",
    "company": "ABC Incorporated",
    "phone": "555-6893",
    "cell": "555-8928",
    "email": "john.smith@abcorp.com",
    "linkedin": "https://www.linkedin.com/in/johnsmith"
  }
}
```

Response status codes:

<b>0</b>	success
<b>1</b>	user not found
<b>2</b>	user not active
<b>99</b>	Invalid request



Response Record Types:

<b>C</b>	Contacts
<b>R</b>	Resources
<b>U</b>	Users

POST	/api/widget/getSettingsData
------	-----------------------------

Obtain all the core access rights, naming conventions, statuses, types, sources and teams for a given user.

Sample Request:

```
{
  "trackerrms": {
    "checkPerson": {
      "credentials": {
        "username": "my.name@domain.com",
        "password": "Welcome123",
        "oauthToken": "1bc7ca1e-8b9a-11e9-bc42-526af7764f64"
      }
    }
  }
}
```

Sample Response:

```
{
  "status": 0,
  "message": "success",
  "count": 0,
  "accessRights": "CORPNTL",
  "namingConventions": {
    "client": "Company",
    "contact": "Contact",
    "lead": "Lead",
    "opportunity": "Job",
    "project": "Project",
    "resource": "Candidate",
    "ticket": "Issue",
    "resume": "Resume"
  },
  "leadStatuses": [],
  "leadSources": [],
  "opportunityStatuses": [],
  "opportunityWorkTypes": [],
  "projectStatuses": [],
  "resourceStatuses": [],
  "resourceSources": [],
  "departments": [],
  "ticketTypes": [],
  "userTeams": []
}
```

Response status codes:

<b>0</b>	success
<b>1</b>	user not found
<b>2</b>	user not active
<b>99</b>	Invalid request

Response Arrays all contain 2 elements:

<b>Id</b>	The Id of the status or type
<b>Name</b>	The Name of the status or type

GET/POST	/api/telephone/inboundCall?Source=000000000000&Destination=000000000000
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Able to send an inbound call to the API to trigger a screen pop.

Source = the callers telephone number

Destination = the telephone number being called