

# API REST SIG - Documentation

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par les Services Industriels de Genève 

Utilisez cette API pour annoncer à SIG de manière automatique les emménagements et/ou déménagements de vos clients. SIG se chargera ensuite de terminer les démarches en prenant contact directement avec le titulaire de bail que vous aurez indiqué.

L'API SIG est organisée autour de REST. Notre API possède des URLs orientées ressources prévisibles, accepte des corps de demande codés par formulaire (JSON Request Body), renvoie des réponses JSON (JSON Response Body) et utilise des codes de réponse HTTP (200, 500, 404, ...), une authentification par clé secrète (Header X-SIG-app-key) et des verbes standard (GET, POST, PUT, DELETE, ...).

Vous pouvez utiliser l'API SIG en mode test, ce qui n'affecte pas vos données en direct et n'interagit pas avec les bases de systèmes SIG. Vous pouvez tester cette API et réaliser des appels en utilisant le endpoint de test `api-sandbox.sig-ge.ch` et la clé `X-SIG-app-key = ccccccc-b63c-4045-bc92-682daf81b4b7`. Une fois vos développements terminés, vous n'aurez plus qu'à utiliser le endpoint `api.sig-ge.ch` et indiquer votre clé secrète fournie par SIG. Toutes vos demandes arriveront directement dans les systèmes SIG.

Contactez le Support :

Nom : Service clients SIG Email : [serviceclients@sig-ge.ch](mailto:serviceclients@sig-ge.ch)

**Explorez nos guides et exemples pour intégrer l'API REST SIG.**

## POST Annonces d'emménagement et déménagement

`https://api-sandbox.sig-ge.ch/customers/v1/Moves/Announcements`

Annnonce de l'emménagement (arrivée) ou déménagement (départ) d'un titulaire de bail (locataire ou propriétaire, et particulier ou entreprise) dans un logement ou local précis.

### Headers

Content-Type	application/json (Required)
X-SIG-app-key	<string> (Required) Clé d'utilisation de l'API. Clé de test / Sandbox : ccccccc-b63c-4045-bc92-682daf81b4b7

X-SIG-client-name	<string> Nom de l'application cliente
-------------------	--

X-SIG-client-version	<string> Version de l'application cliente
----------------------	--

### Body raw (application/json)

```
{
  "address": {
    "isApartment": "<boolean>",
    "streetName": "<string>",
    "postalCode": "<string>",
    "localityName": "<string>",
    "houseNumber": "<string>",
    "floor": "<string>",
    "apartment": "<string>"
  },
  "expectedMoveDate": "<date>",
  "leaseHolder": {
    "isCompany": "<boolean>",
    "isOwner": "<boolean>",
    "email": "<string>",
    "phone": "<string>",
    "mobilePhone": "<string>",
    "person": {
      "title": "<string>",
      "familyName": "<string>",
      "givenName": "<string>",
      "birthdate": "<date>"
    }
  },
  "company": {
    "companyName": "<string>",
    "publicBusinessName": "<string>",
    "companyActivity": "<string>",
    "onCommercialRegister": "<boolean>"
  },
  "customerId": "<string>",
  "contractAccountId": "<string>"
},
"announcementType": "<string>",
"officialHousingId": "<string>",
"previousLeaseHolder": "<string>"
}
```

### Example n°1 Request Emménagement

```
curl --location --request POST 'https://api-sandbox.sig-ge.ch/customers/v1/Moves/Announcements' \
```

```

--header 'X-SIG-app-key: cccccc-b63c-4045-bc92-682daf81b4b7' \
--header 'X-SIG-client-name: WebAppTest1' \
--header 'X-SIG-client-version: 1.23' \
--data-raw '{
  "address": {
    "isApartment": true,
    "streetName": "Chemin du Château-Bloch",
    "postalCode": "1219",
    "localityName": "Le Lignon",
    "houseNumber": "2 BIS",
    "floor": "3ème",
    "apartment": "303"
  },
  "expectedMoveDate": "2020-12-31",
  "leaseHolder": {
    "isCompany": false,
    "isOwner": false,
    "email": "adresse@domaine.ch",
    "phone": "022 022 22 22",
    "mobilePhone": "079 079 79 79",
    "person": {
      "title": "Madame",
      "familyName": "DUBOIS",
      "givenName": "Alice",
      "birthdate": "1950-12-31"
    },
    "customerId": null,
    "contractAccountId": null
  },
  "announcementType": "MoveIn",
  "officialHousingId": null,
  "previousLeaseHolder": "M. FOREST Alain"
}'

```

## Example n°1 Response 200 OK

```

{
  "announcementRequestId": "3001234",
  "announcement": {
    "address": {
      "isApartment": true,
      "streetName": "Chemin du Château-Bloch",
      "postalCode": "1219",
      "localityName": "Le Lignon",
      "houseNumber": "2 BIS",
      "floor": "3ème",
      "apartment": "303"
    },
    "expectedMoveDate": "2020-12-31",
    "leaseHolder": {
      "isCompany": false,
      "isOwner": false,
      "email": "adresse@domaine.ch",
      "phone": "022 022 22 22",
      "mobilePhone": "079 079 79 79",
      "person": {
        "title": "Madame",
        "familyName": "DUBOIS",
        "givenName": "Alice",
        "birthdate": "1950-12-31T00:00:00.000Z"
      },
      "customerId": null,
      "contractAccountId": null
    },
    "announcementType": "MoveIn",
    "officialHousingId": null,
  }
}

```

```
    "previousLeaseHolder": "M. FOREST Alain"
  }
}
```

## Example n°2 Request Server Error

```
curl --location \
--request POST 'https://api-sandbox.sig-ge.ch/customers/v1/Moves/Announcements' \
--header 'X-SIG-app-key: cccccc-b63c-4045-bc92-682daf81b4b7' \
--header 'X-SIG-client-name: WebAppTest1' \
--header 'X-SIG-client-version: 1.23' \
--data-raw '{
  "address": {
    "isApartment": true,
    "streetName": "Chemin du Château-Bloch",
    "postalCode": "1219",
    "localityName": "Le Lignon",
    "houseNumber": "2 BIS",
    "floor": "3ème",
    "apartment": "303"
  },
  "expectedMoveDate": "2020-12-31",
  "leaseHolder": {
    "isCompany": false,
    "isOwner": false,
    "email": "adresse@domaine.ch",
    "phone": "022 022 22 22",
    "mobilePhone": "079 079 79 79",
    "person": {
      "title": "Madame",
      "familyName": "DUBOIS",
      "givenName": "Alice",
      "birthdate": "1950-12-31"
    },
    "customerId": null,
    "contractAccountId": null
  },
  "announcementType": "MoveIn",
  "officialHousingId": null,
  "previousLeaseHolder": "M. FOREST Alain"
}'
```

## Example n°2 Response 500 Internal Server Error

```
{
  "title": "This is a sample error.",
  "type": "",
  "status": 500,
  "detail": "The server...",
  "instance": "",
  "errors": "",
  "correlationId": "3b63bffc-47ff-4a55-8b23-238c3de6bf35",
  "traceId": "80000011-0002-ff00-b63f-84710c7967bb"
}
```

## Example n°3 Request Déménagement

```
curl --location --request POST 'https://api-sandbox.sig-ge.ch/customers/v1/Moves/Announcements' \
--header 'X-SIG-app-key: cccccc-b63c-4045-bc92-682daf81b4b7' \
```

```

--header 'X-SIG-client-name: WebAppTest1' \
--header 'X-SIG-client-version: 1.23' \
--data-raw '{
  "address": {
    "isApartment": false,
    "streetName": "Rue du test",
    "postalCode": "1227",
    "localityName": "Carouge (GE)"
  },
  "expectedMoveDate": "2020-07-01",
  "leaseHolder": {
    "isCompany": false,
    "isOwner": false,
    "email": "test@bluewin.ch",
    "mobilePhone": "079 123 45 67",
    "person": {
      "title": "M.",
      "familyName": "TEST",
      "givenName": "Bryan",
      "birthdate": "1960-01-01"
    }
  },
  "announcementType": "MoveOut"
}'

```

### Example n°3 Response 200 OK

```

{
  "announcementRequestId": "2000123",
  "announcement": {
    "announcementType": "MoveOut",
    "expectedMoveDate": "2020-07-01",
    "address": {
      "isApartment": false,
      "streetName": "Rue du test",
      "postalCode": "1227",
      "localityName": "Carouge (GE)"
    },
    "leaseHolder": {
      "isCompany": false,
      "person": {
        "title": "M.",
        "familyName": "TEST",
        "givenName": "Bryan",
        "birthdate": "1960-01-01"
      },
      "isOwner": false,
      "email": "test@bluewin.ch",
      "mobilePhone": "079 123 45 67"
    }
  }
}

```

### Example n°4 Request Date manquante

```

curl --location --request POST 'https://api-sandbox.sig-ge.ch/customers/v1/Moves/Announcements' \
--header 'X-SIG-app-key: ccccccc-b63c-4045-bc92-682daf81b4b7' \
--header 'X-SIG-client-name: WebAppTest1' \
--header 'X-SIG-client-version: 1.23' \
--data-raw '{
  "address": {
    "isApartment": false,

```

```
"streetName": "Rue du test",
"postalCode": "1227",
"localityName": "Carouge (GE)"
},
"leaseHolder": {
  "isCompany": false,
  "isOwner": false,
  "email": "test@bluewin.ch",
  "mobilePhone": "079 123 45 67",
  "person": {
    "title": "M.",
    "familyName": "TEST",
    "givenName": "Bryan",
    "birthdate": "1960-01-01"
  }
},
"announcementType": "MoveOut"
}'
```

#### Example n°4 Response 400 Bad Request

```
{
  "errors": {
    "ExpectedMoveDate": [
      "The ExpectedMoveDate field is required."
    ]
  },
  "title": "One or more validation errors occurred.",
  "status": 400,
  "traceId": "80057f5f-0001-f500-b63f-84710c7967bb"
}
```