

Markethings API specification

Version	Content	Author	Date
V1 (initial)	creation for MVP	C.A. d'HOOP	2024-04-11
V1.1	new error code if siren provided unknown in database in get_infos_from_siren_integrati on	C.A. d'HOOP	2024-04-17

This document describes the Rest API for integration purposes.

Cybersecurity aspects

- The production API will feature token authentication and https protocol..
- For security purposes, a trusted Ip is active, so users public address has to be declared by Markethings.
- All requests are logged.
- Ip address of the server is given directly by Markethings. It is mentioned here by ip_server

All results are in json format: Content-Type: application/json (header http).

OpenAPI 3.0 specification in JSON format, suitable for use in Swagger UI or with tools like Postman or Stoplight.

```
{
  "openapi": "3.0.0",
  "info": {
    "title": "Markethings API",
    "version": "1.0.0",
    "description": "Integration API for SIREN id verification, credit check and company card enrichment"
  },
  "servers": [
    {
      "url": "http://ip_server:9999"
    }
  ],
  "components": {
    "schemas": {
```

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```
"CompanyInfo":{
  "type":"object",
  "properties":{
    "SIREN":{
      "type":"string",
      "description":"Company's SIREN identifier (9
digits)",
      "example":"839513827",
      "pattern":"^[0-9]{5,9}$"
    },
    "SIRET":{
      "type":"string",
      "description":"establishment SIRET identifier
(14 digits)",
      "example":"83951382700015"
    },
    "sigle":{
      "type":"string",
      "description":"Company acronym, if any",
      "example":""
    },
    "Raison sociale":{
      "type":"string",
      "description":"Official company name",
      "example":"MARKETHINGS"
    },
    "nom_commercial":{
      "type":"string",
      "description":"Trade name or commercial brand
name",
      "example":""
    },
    "nom_usage":{
      "type":"string",
      "description":"Company name in use",
      "example":"MARKETHINGS"
    },
    "Siege social":{
      "type":"string",
      "description":"Is this the head office?",
      "example":"oui"
    },
    "Adresse":{
      "type":"object",
      "description":"Head office address details",
      "properties":{
        "numero_voie":{
          "type":"string",
          "description":"Street number",
          "example":"9"
        },
        "indice_repetition":{
          "type":"string",
          "description":"Repetition index
(e.g., BIS, TER)",
          "example":"B"
        },
        "type_voie":{
          "type":"string",

```

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```
        "description": "Type of street  
(e.g., RUE, AV)",  
        "example": "AV"  
    },  
    "nom_voie": {  
        "type": "string",  
        "description": "Name of the  
street",  
        "example": "JOFFRE"  
    },  
    "code_postal": {  
        "type": "string",  
        "description": "Postal code of  
the main establishment",  
        "example": "92250"  
    },  
    "commune": {  
        "type": "string",  
        "description": "City of the main  
establishment",  
        "example": "LA GARENNE COLOMBES"  
    },  
    "region": {  
        "type": "string",  
        "description": "Administrative  
region",  
        "example": "Ile-de-France"  
    },  
    "Nom de departement": {  
        "type": "string",  
        "description": "Department name",  
        "example": "HAUTS-DE-SEINE"  
    },  
    "Numero de departement": {  
        "type": "string",  
        "description": "Department code",  
        "example": "92"  
    },  
    "pays": {  
        "type": "string",  
        "description": "Country of  
operation",  
        "example": "FRANCE"  
    }  
}  
},  
"Activites": {  
    "type": "object",  
    "description": "Company activity information",  
    "properties": {  
        "Secteur d'activité": {  
            "type": "string",  
            "description": "Sector of  
activity",  
            "example": "73"  
        },  
        "Descriptif du secteur": {  
            "type": "string",
```

```
        "description": "Sector
description",
        "example": "Publicite et etudes
de marche"
    },
    "Activité principale de l'entreprise": {
        "type": "string",
        "description": "Main activity of
the company",
        "example": "7320Z"
    },
    "Activité principale de
l'établissement": {
        "type": "string",
        "description": "Main activity of
the establishment",
        "example": "Etudes de marche et
sondages"
    }
}
},
"informations web": {
    "type": "object",
    "description": "Web presence information",
    "properties": {
        "site_web": {
            "type": "string",
            "example": "markethings.fr"
        },
        "Titre de la page d'accueil": {
            "type": "string",
            "example": "markethings, votre
allié business cibler - analyser
- prospector"
        },
        "Keywords de la page d'accueil": {
            "type": "string",
            "example": " "
        },
        "Description de la page d'accueil": {
            "type": "string",
            "example": "accélérer le
développement de votre
entreprise: ciblage commercial,
analyse de marché,
enrichissement crm avec notre
technologie big data b2b"
        }
    }
},
"informations juridiques": {
    "type": "object",
    "description": "Legal company information",
    "properties": {
        "Objet social": {
            "type": "string",
            "description": "Legal company
business description",
```

```
        "example": "traitement et
        fourniture de donnees aux
        entreprises..."
    },
    "capital social": {
        "type": "integer",
        "description": "Last updated
        capital amount",
        "example": 15000
    },
    "Forme juridique": {
        "type": "string",
        "description": "Generic legal
        status",
        "example": "Société par actions
        simplifiée"
    },
    "Libelle juridique": {
        "type": "string",
        "description": "Detailed legal
        status",
        "example": "SAS, societe par
        actions simplifiee"
    },
    "Categorie juridique": {
        "type": "string",
        "description": "Global legal
        status",
        "example": "Société commerciale"
    },
    "Variation de capital": {
        "type": [
            "integer",
            "null"
        ],
        "description": "Last capital
        variation"
    },
    "Date de la derniere variation de
    capital": {
        "type": "string",
        "format": "date",
        "description": "Last capital
        variation date"
    }
}
},
"historique_creation": {
    "type": "object",
    "description": "Creation history of the
    company",
    "properties": {
        "Date de création de l'entreprise": {
            "type": "string",
            "format": "date",
            "example": "2018-05-02"
        },
        "Date de création de l'établissement": {
            "type": "string",
```

```
        "format": "date",
        "example": "2018-05-02"
    },
    "Nombre d'années d'existence": {
        "type": "integer",
        "description": "Years number since creation",
        "example": 6
    },
    "Nombre de mois d'existence": {
        "type": "integer",
        "description": "Monthes number since creation",
        "example": 82
    }
},
"Nombre d'établissements": {
    "type": "integer",
    "description": "Establishment numbers, head office included",
    "example": 1
},
"Tranche d'effectif entreprise": {
    "type": "string",
    "description": "Employees number within company",
    "example": "1 ou 2 salaries"
},
"Tranche d'effectif établissement": {
    "type": "string",
    "description": "Employees number within establishment",
    "example": "1 ou 2 salaries"
},
"Procédure collective depuis 2017": {
    "type": "string",
    "description": "Does company has been in insolvency proceedings since 2017",
    "example": "non"
},
"success": {
    "type": "boolean",
    "description": "Success status of the response",
    "example": true
}
},
"required": [
    "SIREN"
]
},
"CreditInfo": {
    "type": "object",
    "properties": {
        "credits": {
            "type": "integer",
            "description": "Remaining API credits for the user",
            "example": 12
        }
    }
}
```

```
    },
    "SirenCheck":{
      "type":"object",
      "properties":{
        "exists":{
          "type":"boolean",
          "description":"Does the SIREN number exist?",
          "example":true
        },
        "credit":{
          "type":"integer",
          "description":"Remaining credits (if
depleted)",
          "example":0
        }
      }
    }
  },
  "securitySchemes":{
    "basicAuth":{
      "type":"http",
      "scheme":"basic"
    }
  }
},
"security":[
  {
    "basicAuth":[
    ]
  }
],
"paths":{
  "/get_credit_info_integration":{
    "get":{
      "summary":"Provides credit info",
      "responses":{
        "200":{
          "description":"Credit available",
          "content":{
            "application/json":{
              "schema":{
                "$ref":"#/components/sche
mas/CreditInfo"
              }
            }
          }
        },
        "401":{
          "description":"Unauthorized"
        },
        "404":{
          "description":"Route not found"
        },
        "429":{
          "description":"Too many requests"
        }
      }
    }
  }
}
```

```

    },
    "/get_infos_from_siren_integration":{
      "get":{
        "summary":"Get company information from SIREN id",
        "parameters":[
          {
            "in":"query",
            "name":"siren",
            "required":true,
            "schema":{
              "type":"string",
              "pattern":"^[0-9]{9}$"
            }
          }
        ],
        "responses":{
          "200":{
            "description":"Enriched company information",
            "content":{
              "application/json":{
                "schema":{
                  "$ref":"#/components/schemas/CompanyInfo"
                }
              }
            }
          },
          "400":{
            "description":"Missing or invalid SIREN"
          },
          "401":{
            "description":"Unauthorized"
          },
          "403":{
            "description":"Insufficient credits"
          },
          "404":{
            "description":"Route not found"
          },
          "429":{
            "description":"Too many requests"
          }
        }
      }
    },
    "/check_siren_integration":{
      "get":{
        "summary":"Check siren validity",
        "parameters":[
          {
            "in":"query",
            "name":"siren",
            "required":true,
            "schema":{
              "type":"string",
              "pattern":"^[0-9]{5,9}$"
            }
          }
        ]
      }
    }
  }
}

```



```
"Pays":"FRANCE",
"Region":"Ile-de-France",
"Commune":"LA GARENNE COLOMBES",
"Code postal":92250,
"Type de voie":"AV",
"Nom de la voie":"JOFFRE",
"Numéro de voie":"9",
"Nom de departement":"HAUTS-DE-SEINE",
"Indice de répétition":"B",
"Numéro de departement":92
},
"Activites":{
  "Descriptif du secteur":"Publicite et etudes de marche",
  "Secteur d'activité":"73",
  "Activité principale de l'entreprise":"7320Z",
  "Activité principale de l'établissement":"Etudes de marche et sondages"
},
"Nom d'usage":"MARKETHINGS",
"Siège social":"oui",
"Nom_commercial":"",
"Raison sociale":"MARKETHINGS",
"Informations web":{
  "Site web":"markethings.fr",
  "Titre de la page d'accueil":"markethings, votre allié business cibler -
analyser - prospecter",
  "Keywords de la page d'accueil":" ",
  "Description de la page d'accueil":"accélérer le développement de votre
entreprise: ciblage commercial, analyse de marché, enrichissement crm avec
notre technologie big data b2b"
},
"Historique de création":{
  "Nombre de mois d'existence":82,
  "Nombre d'années d'existence":6,
  "Date de création de l'entreprise":"2018-05-02",
  "Date de création de l'établissement":"2018-05-02"
},
"Informations juridiques":{
  "Objet social":"traitement et fourniture de donnees aux entreprises sur
l'economie francaise et internationale services delegues pour l'economie
francaise et internationale, services delegues pour le developpement
commercial des entreprises etudes de marche",
  "Capital social":15000,
  "Forme juridique":"Société par actions simplifiée",
  "Libellé juridique":"SAS, societe par actions simplifiée",
  "Catégorie juridique":"Société commerciale",
  "Variation de capital":null,
  "Date de la dernière variation de capital":null
},
"Nombre d'établissements":1,
"Tranche d'effectif entreprise":"1 ou 2 salaries",
"Procédure collective depuis 2017":"non",
"Tranche d'effectif établissement":"1 ou 2 salaries"
}
```