

SaveContactWithToken (POST)

Overview

This POST API can be used to capture new additions in Contact with Token details from ERP into SMART by GEP, that can be used as reference in P2P transactions.

URL Format: <https://<Instance>/SmartBulkInterfaceAPI/api/Contact/Contactdetails>

Request

```
{
  "gepContactCode": 0,
  "userName": "string",
  "contactCode": "string",
  "managerCode": [
    "string"
  ],
  "address": {
    "addressLine1": "string",
    "addressLine2": "string",
    "addressLine3": "string",
    "city": "string",
    "stateCode": "string",
    "stateOther": "string",
    "countryCode": "string",
    "zipCode": "string",
    "faxNo": "string",
    "phoneNo": "string",
    "phoneOther": "string",
    "phoneExtension": "string",
    "phoneOtherExtension": "string",
    "county": "string",
    "poBoxNumber": "string"
  }
}
```

```
},
"firstName": "string",
"lastName": "string",
"emailAddress": "string",
"authorityAmt": 0,
"isActive": true,
"isDeleted": true,
"userActivities": [
  {
    "activityName": "NONE"
  }
],
"timeZone": "string",
"locationCode": "string",
"currencyCode": "string",
"designation": "string",
"commitmentAmount": 0,
"orgEntities": [
  {
    "entityCode": "string",
    "isDefault": true,
    "entityType": "string",
    "lobEntityCode": "string"
  }
],
"accountingEntities": [
  {
    "entityCode": "string",
    "isDefault": true,
    "entityType": "string",
    "lobEntityCode": "string"
  }
],
"contactOrgDetails": [
```

```
{
  "orgEntity": {
    "entityCode": "string",
    "isDefault": true,
    "entityType": "string",
    "lobEntityCode": "string"
  },
  "personaAndRoles": {
    "personaName": "string",
    "personaCode": "string",
    "activities": [
      {
        "code": "string",
        "name": "string",
        "description": "string"
      }
    ],
    "personaDescription": "string"
  },
  "lobType": "string",
  "isDefaultLOB": true
}
],
"categories": [
  {
    "pasCode": 0,
    "isDefault": true,
    "clientPasCode": "string",
    "isDeleted": true
  }
],
"regions": [
  {
    "regionName": "string",
```

```
        "isDefault": true
    }
],
"lastLoginDate": "2020-01-21T11:53:45.057Z",
"personaAndRoles": {
    "personaName": "string",
    "personaCode": "string",
    "activities": [
        {
            "code": "string",
            "name": "string",
            "description": "string"
        }
    ],
    "personaDescription": "string"
},
"customFields": [
    {
        "key": "string",
        "value": [
            "string"
        ],
        "subCustomField": [
            null
        ]
    }
],
"ssoType": 0,
"cultureCode": "string",
"authorizeAmountForProject": 0,
"secondaryAuthorizeAmount": 0,
"secondaryAuthorizeAmountForContract": 0,
"amendmentAuthorizeAmountForContract": 0,
"workGroup": "string",
```

```
"contactManagers": [  
  {  
    "managerCode": "string",  
    "managerType": "string"  
  }  
],  
"authorityAmountDetails": [  
  {  
    "documentType": "string",  
    "lobType": "string",  
    "lobEntityCode": "string",  
    "entityType": "string",  
    "entityCode": "string",  
    "isDeleted": true,  
    "amountAttributes": [  
      {  
        "amountCode": "string",  
        "amount": 0  
      }  
    ]  
  }  
]  
}
```

Response

```
{  
  "statusCode": 202,  
  "url": "String",  
  "batchID": "String",  
  "interval": 0,  
  "interval Type": "String",  
  "receivedCount": 0  
}
```

Data Elements

Buyer Contact				
Property	Required?	Data type	Description	Validations/Exceptions
ContactCode	Yes	String	Contact Code	<ul style="list-style-type: none"> Max length is 50 No Contact Code found
UserName	Yes	String	Username of entity	<ul style="list-style-type: none"> Max length is 100 Invalid username Different user with same username already exists
FirstName	Yes	String	First Name of the entity	<ul style="list-style-type: none"> Max length is 50 FirstName is mandatory
LastName	Yes	String	Last Name of the entity	<ul style="list-style-type: none"> Max length is 30 Last Name is mandatory
EmailAddress	Yes	String	Email Address of the entity	<ul style="list-style-type: none"> Invalid Email Address Email Address is mandatory
Address	No	List of Address object	Check data type Address for details	
AuthorityAmt		Decimal	Authority Amount of the entity	
IsActive	No	Boolean	Status of the entity if they are active or not	
IsDeleted	No	Boolean	Status of the entity if they are to be visible or not on the application	
UserActivities	No	List of Activity object	Check Data Type Activity for details	
TimeZone	No	String	Time Zone of the entity	<ul style="list-style-type: none"> Max length is 100 Invalid Time Zone
LocationCode	No	String	Location Code of the entity	<ul style="list-style-type: none"> Max length is 50
CurrencyCode	No	String	Currency Code of the entity	
Designation	No	String	Designation of the entity	<ul style="list-style-type: none"> Max length is 100
CommitmentAmount	No	Decimal	Commitment Amount of the entity	
OrgEntities	No	List of OrgEntity object	Check data type OrgEntity for details	
AccountingEntities	No	List of OrgEntity object	Check data type OrgEntity for details	
ContactOrgDetails	No	List of ContactOrgDetails object	Check data type ContactDetails for details	
Categories	No	List of PAS object	Check data type PAS for details	
Regions	No	List of Regions object	Check data type Regions for details	
LastLoginDate	No	DateTime		

PersonaAndRoles	No	List of PersonaAndRoles object	Check data type PersonaAndDetails for details	
CustomFields	No	List of CustomFields object	Check data type CustomFields for details	
SSOType	No	Int	SSO Type	<ul style="list-style-type: none"> Invalid SSO Type
CultureCode	No	String	Culture Code	
AuthorizeAmountForProject	No	Decimal	Authorize Amount for Project	
SecondaryAuthorizeAmount	No	Decimal	Secondary Authorize Amount	
SecondaryAuthorizeAmountForContract	No	Decimal	Secondary Authorize Amount for Contract	
AmendmentAuthorizeAmountForContract	No	Decimal	Amendment Authorize Amount for Contract	
WorkGroup	No	String	Work Group of the entity	
ContactManagers	No	List of ContactManager object	Check data type Contact Manager for details	
GEPContactCode	No	Long	GEP Contact Code of the entity This field is only available on outbound and not on inbound	
ManagerCode	No	List of String	Manager Code	<ul style="list-style-type: none"> Invalid Manager Code Multiple managers are not allowed

Address				
Property	Required?	Data type	Description	Validations/Exceptions
AddressLine1	Yes	String (500)	Address line 1 of the entity	<ul style="list-style-type: none"> AddressLine1 is mandatory Max length for AddressLine1 is 500
City	Yes	String (50)	City of the entity	<ul style="list-style-type: none"> City is Mandatory Max length for City is 50
StateCode	Yes	String (10)	State code of the entity	<ul style="list-style-type: none"> StateCode is Mandatory Max length for StateCode is 10 Invalid State
CountryCode	Yes	String (2)	Country code of the entity	<ul style="list-style-type: none"> CountryCode is Mandatory Max length for CountryCode is 2 Invalid Country Code
ZipCode	Yes	String (10)	Zip code of the entity	<ul style="list-style-type: none"> ZipCode is Mandatory

				<ul style="list-style-type: none"> Max length for ZipCode is 10
AddressLine2	No	String	Address line 2 of the entity	<ul style="list-style-type: none"> Max length for AddressLine2 is 500
AddressLine3	No	String (100)	Address line 3 of the entity	<ul style="list-style-type: none"> Max length for AddressLine3 is 100
StateOther	No	String	State name (in case of others) of the entity	<ul style="list-style-type: none"> Max length for State other is 50
FaxNo	No	String (20)	Fax number of the entity	<ul style="list-style-type: none"> Max length for FaxNo is 20 Special characters and spaces are not allowed for Fax number except these +(-./)#@&
PhoneNo	No	String	Phone number of the entity	<ul style="list-style-type: none"> Max length for PhoneNo is 50 Special characters and spaces are not allowed for Phone except these +(-./)#@&
PhoneOther	No	String (20)	Phone 2 of the entity	<ul style="list-style-type: none"> Max length for PhoneOther is 20 Special characters and spaces are not allowed for PhoneOther except these +(-./)#@&
PhoneExtension	No	String	Phone extension of the entity	<ul style="list-style-type: none"> Max length for Phone extension is 10.
PhoneOtherExtension	No	String	Phone 2's extension of the entity	<ul style="list-style-type: none"> Max length for Phone other extension is 10
County	No	String (50)	County of the address	<ul style="list-style-type: none"> Max length for County is 50
poBoxNumber	No	String		

UserActivities				
Property	Required?	Data type	Description	Validations/Exceptions
ActivityName	No	Activities	One of the following values will be provided in this field; "NONE", "ADMINISTRATION", "HOME", "VIEW_GEPICENTER etc.	

OrgEntities				
Property	Required?	Data type	Description	Validations/Exceptions

EntityCode	No	String	Entity Code of entity	<ul style="list-style-type: none"> Invalid Org Entity Code
IsDefault	No	Boolean	Status of the entity if this is default or not	<ul style="list-style-type: none"> Multiple default Org Entities are not allowed
EntityType	No	String	Entity Type of entity	<ul style="list-style-type: none"> Either Entity Type is missing or Invalid Entity Type for entities
LOBEntityCode	No	String	LOB Entity Code of entity	

[AccountingEntities](#)

Property	Required?	Data type	Description	Validations/Exceptions
EntityCode	No	String	Entity Code of entity	<ul style="list-style-type: none"> Invalid Accounting Org Entity Code
IsDefault	No	Boolean	Status of the entity if this is default or not	
EntityType	No	String	Entity Type of entity	
LOBEntityCode	No	String	LOB Entity Code of entity	

[ContactOrgDetails](#)

Property	Required?	Data type	Description	Validations/Exceptions
OrgEntity	No	List of OrgEntity object	Check data type OrgEntity for details	<ul style="list-style-type: none"> Invalid Org Entity Code
PersonaAndRoles	No	List of PersonaAndRoles object	Check data type PersonaAndDetails for details	
LobType	No	String	LOB Type of entity	<ul style="list-style-type: none"> LOB Type should be either belonging or serving Multiple blank LOB Type is not valid for Contact code
IsDefaultLOB	No	Boolean	Status of the entity if this is default LOB or not	<ul style="list-style-type: none"> if LOB Type is serving: Multiple default serving LOB are not allowed for Contact code if LOB Type is belonging: Multiple default belonging LOB is not allowed for one Contact code

[Categories](#)

Property	Required?	Data type	Description	Validations/Exceptions
PasCode	No	Long	PAS Code of entity	<ul style="list-style-type: none"> Category Is Invalid
IsDefault	No	Boolean	Status of the entity if this is default or not	<ul style="list-style-type: none"> Multiple default categories not allowed

ClientPasCode	No	String	Client Pas Code of entity	
IsDeleted	No	Boolean	Status of the entity if they are to be visible or not on the application	

[Regions](#)

Property	Required?	Data type	Description	Validations/Exceptions
RegionName	No	String	Region name of entity	<ul style="list-style-type: none"> Region is Invalid
IsDefault	No	Boolean	Status of the entity if this is default or not	<ul style="list-style-type: none"> Multiple default Regions not allowed

[PersonaandRoles](#)

Property	Required?	Data type	Description	Validations/Exceptions
PersonaName	No	String	Name of the entity	
PersonaCode	No	String	Persona Code of the entity	<ul style="list-style-type: none"> Invalid Persona Code
Activities	No	List of UserActivity object	Check data type UserActivity for details	
PersonaDescription	No	String	Persona Description of entity	

[Activities](#)

Property	Required?	Data type	Description	Validations/Exceptions
Code	No	String	Code of the entity	<ul style="list-style-type: none"> Invalid Activity Code
Name	No	String	Name of the entity	
Description	No	String	Description of the entity	

[CustomFields](#)

Property	Required?	Data type	Description	Validations/Exceptions
Key	No	String	Key of the entity	<ul style="list-style-type: none"> Custom Field Is Invalid if key is not user Business Unit If key is user Business Unit Business Units code is invalid Custom Fields key text is empty
Value	No	List of String	Value of the entity	<ul style="list-style-type: none"> Custom Field has invalid values Custom field cannot have multiple values
SubCustomField	No	List of CustomField object	Check data type Custom Fields for details	

ContactManagers				
Property	Required?	Data type	Description	Validations/Exceptions
ManagerCode	No	String		
ManagerType	No	String		

Examples

Success Scenario - Request

Request below describes that this contains only the mandatory attributes: (202 – Accepted)

```
[
  {
    "gepContactCode": 1895730040000001,
    "userName": "samplecontact@gep.com",
    "contactCode": "samplecontact@gep.com",
    "managerCode": [
      " ApproverLevel2 "
    ],
    "address": {
      "addressLine1": "PO Box 8881011",
      "addressLine2": "220 Lyon Street",
      "addressLine3": " CSBrew Market",
      "city": "Grand Rapids",
      "stateCode": "MI",
      "zip": "49588",
      "countryCode": "US",
      "isDeleted": false,
      "isDefault": true,
      "stateOther": " Texas ",
      "lobEntityCode": " KNA-SAP "
    },
    "firstName": "FNameMN-1",
```

```
"lastName": "LNameMN-1",
"emailAddress": "pg1@gep.com",
"authorityAmt": 1,
"isActive": false,
"isDeleted": false,
"userActivities": [
  {
    "activityName": "Administration"
  }
],
"timeZone": "Eastern Standard Time",
"locationCode": "45978",
"currencyCode": "USD",
"designation": "new",
"commitmentAmount": 6000,
"orgEntities": [
  {
    "entityCode": " GUBR ",
    "isDefault": true,
    "entityType": " Company Code ",
    "lobEntityCode": " KNA-SAP "
  }
],
"accountingEntities": [
  {
    "entityCode": " GUBR ",
    "isDefault": true,
    "entityType": " Company Code ",
    "lobEntityCode": " KNA-SAP "
  }
],
"contactOrgDetails": [
  {
    "orgEntity": {
```

```
    "entityCode": " GUBR ",
    "isDefault": true,
    "entityType": " Company Code ",
    "lobEntityCode": " KNA-SAP "
  },
  "personaAndRoles": {
    "personaName": "UnAssigned",
    "personaCode": "588",
    "activities": [
      {
        "code": "10100001",
        "name": "Administration",
        "description": "Administration Work "
      }
    ],
    "personaDescription": "To be mapped to all the users who are yet to be on boarded."
  },
  "lobType": " KEU-SAP ",
  "isDefaultLOB": true
}
],
"categories": [
  {
    "pasCode": 476350000425,
    "isDefault": true,
    "clientPasCode": "6350000425",
    "isDeleted": true
  }
],
"regions": [
  {
    "regionName": "Americas",
    "isDefault": true
  }
]
```

```
],
"lastLoginDate": "2019-10-16T02:30:55",
"personaAndRoles": {
  "personaName": "UnAssigned",
  "personaCode": "588",
  "activities": [
    {
      "code": "10100001",
      "name": "Administration",
      "description": " Administration Work"
    }
  ],
  "personaDescription": " To be mapped to all the users who are yet to be on boarded "
},
"customFields": [
  {
    "key": "string",
    "value": [
      "string"
    ],
    "subCustomField": [
      null
    ]
  }
],
"ssoType": 1,
"cultureCode": "78945",
"authorizeAmountForProject": 999999999,
"secondaryAuthorizeAmount": 7894562,
"secondaryAuthorizeAmountForContract": 99999999999,
"amendmentAuthorizeAmountForContract": 422221.56,
"workGroup": "Interface",
"contactManagers": [
  {
```

```
        "managerCode": " ApproverLevel2 ",
        "managerType": "TL"
    }
]
]
```

Success Scenario - Response

```
{
  "statusCode": 202,
  "url": "https://<instance>/SmartBulkInterfaceAPI/api/BulkResult/GetBulkResult?batchId=110e7c8551f647c39726b8e9e7ec2980",
  "batchID": "110e7c8551f647c39726b8e9e7ec2980",
  "interval": 60,
  "interval Type": "Seconds",
  "receivedCount": 10
}
```

Error Scenario – Request

Request has a missing value of the Authorization Header which is mandatory: (401 – Unauthorized)

Error Scenario - Response

Access to interface BulkAPI is denied, Authorization Header is missing.