

SaveRFX (POST)

Overview

This POST API allows pushing RFQ posted in ERP to SMART by GEP for further processing.

URL Format: <https://<Instance>/SmartInterfaceAPI/api/RFX/RFXDetails>

Request

```
{
  "eventType": "string",
  "eventCurrency": "string",
  "eventValue": "string",
  "category": [
    "string"
  ],
  "region": [
    "string"
  ],
  "eventTemplateType": "string",
  "eventTimeline": {
    "response": {
      "name": "string",
      "startDate": "2019-12-24T09:53:39.567Z",
      "endDate": "2019-12-24T09:53:39.567Z",
      "visibletosupplier": true
    },
    "evaluation": {
      "name": "string",
      "startDate": "2019-12-24T09:53:39.567Z",
      "endDate": "2019-12-24T09:53:39.567Z",
    }
  }
}
```

```
    "visibletosupplier": true
  },
  "others": [
    {
      "name": "string",
      "startDate": "2019-12-24T09:53:39.567Z",
      "endDate": "2019-12-24T09:53:39.567Z",
      "visibletosupplier": true
    }
  ]
},
"suppliers": [
  {
    "name": "string",
    "supplierContacts": [
      {
        "clientContactCode": "string",
        "isPrimary": true,
        "role": "string"
      }
    ],
    "primaryRespondant": "string",
    "responseCompletionStatus": "string",
    "participationStatus": "string",
    "shortlistedForFeedback": true
  }
],
"priceSheets": [
  {
    "priceSheetName": "string",
    "description": "string",
    "priceSheetType": "string",
    "createdBy": "string",
    "lastModifiedBy": "string",
```

```
"columns": [
  {
    "name": "string",
    "type": "string",
    "mandatory": true,
    "visibleToSupplier": true,
    "forSupplierResponse": true
  }
],
"rows": [
  {
    "rowNumber": 0,
    "data": [
      {
        "columnName": "string",
        "columnValue": "string"
      }
    ]
  }
]
},
],
"attachments": [
  {
    "name": "string",
    "base64Attachment": "string"
  }
],
"guidelines": [
  {
    "guidelineName": "string",
    "guidelineType": "string",
    "guidelineData": "string",
    "createdBy": "string",
```

```
        "lastModifiedBy": "string"
    }
],
"documentName": "string",
"documentNumber": "string",
"documentStatus": "string",
"documentDescription": "string",
"documentCreator": "string",
"documentBU": [
    {
        "entityCode": "string",
        "isDefault": true,
        "entityType": "string",
        "lobEntityCode": "string"
    }
],
"operationName": "string"
}
```

Response

```
{
  "data": {},
  "statusCode": "String",
  "errorDetails": [
    {
      "key": "string",
      "errors": [
        {
          "errorCode": "string",
          "errorDescription": "string"
        }
      ]
    }
  ]
}
```

```

    }
  ],
  "successDetails":
  {
    "key": "String"
  }
]
}

```

Data Elements

RFX				
Property	Required?	Data type	Description	Validations/Exceptions
EventType	Yes	String		<ul style="list-style-type: none"> Event Type is mandatory Event Type is invalid
EventCurrency	Yes	String		<ul style="list-style-type: none"> There was an error in processing as it contains invalid Event Currency
EventValue	Yes	String		<ul style="list-style-type: none"> Event Value should be decimal type
Category	Yes	List of string		<ul style="list-style-type: none"> Category is mandatory Category at position () is mandatory There was an error in processing as it contains invalid Category ()
Region	Yes	List of string		<ul style="list-style-type: none"> Region is mandatory Region at position () is mandatory There was an error in processing as it contains invalid Region name(s)
EventTemplateType	Yes	String		<ul style="list-style-type: none"> If document Status is Published, then below validation exist: Event Template Type is mandatory Event Template Type is invalid
EventTimeline	Yes	EventTimeline object		<ul style="list-style-type: none"> If document Status is Published, then below validation exist EventTimeline is mandatory

Suppliers	Yes	List of Supplier object		<ul style="list-style-type: none"> Supplier is mandatory
PriceSheets		List of PriceSheet object		<ul style="list-style-type: none"> If document Status is Published, then below validation exist Price Sheet is mandatory
Attachments	No	List of Attachment object		
Guidelines	No	List of Guidelines object		

EventTimeline				
Property	Required?	Data type	Description	Validations/Exceptions
Response	No	Timeline object		<ul style="list-style-type: none"> Response is mandatory in Event TimeLine
Evaluation	No	Timeline object		<ul style="list-style-type: none"> Evaluation is mandatory in Event TimeLine
Others	No	List of Timeline object		

Response				
Property	Required?	Data type	Description	Validations/Exceptions
Name	Yes	String		<ul style="list-style-type: none"> EventTimeline Evaluation name is mandatory EventTimeline Response name is mandatory
StartDate	Yes	DateTime		<ul style="list-style-type: none"> Evaluation start date should be greater than or equal to the response start date
EndDate	Yes	DateTime		<ul style="list-style-type: none"> Response timeline end date must be before Evaluation timeline end date Evaluation end date should be greater than or equal to the start date Response end date should be greater than or equal to the current date Response end date should greater than or equal to start date
Visibletosupplier	No	Boolean		

Suppliers				
Property	Required?	Data type	Description	Validations/Exceptions
Name	Yes	String		<ul style="list-style-type: none"> Supplier name at position () is mandatory There was an error in processing as it contains invalid Partner(s) There was an error in processing as it cannot contains invalid Partner(s)
SupplierContacts	Yes	List of SupplierContact object		<ul style="list-style-type: none"> Supplier Contacts are mandatory for Supplier ()
PrimaryRespondant	No	String		
ResponseCompletionStatus	No	String		
ParticipationStatus	No	String		
ShortlistedForFeedback	No	Boolean		

SupplierContacts				
Property	Required?	Data type	Description	Validations/Exceptions
ClientContactCode	Yes	String		<ul style="list-style-type: none"> Client Contact Code in Supplier Contacts is mandatory for Supplier () There was an error in processing as it contains invalid Owner There was an error in processing as Supplier contains invalid Contact(s) Contact Code is not mapped to BU
IsPrimary	No	Boolean		
Role	No	String		

PriceSheets				
Property	Required?	Data type	Description	Validations/Exceptions
PriceSheetName	Yes	String		<ul style="list-style-type: none"> Price Sheet Name is mandatory for price sheet at position ()

				<ul style="list-style-type: none"> Price Sheet Name should be less than or equal to 100 characters for () Price Sheet
Description	No	String		Price Sheet Description should be less than or equal to 4000 characters for () Price Sheet
PriceSheetType	Yes	String		<ul style="list-style-type: none"> Price Sheet Type is mandatory for (Price Sheet Name) Price Sheet Type is invalid for (Price Sheet Name) Price Sheet
CreatedBy	No	String		
LastModifiedBy	No	String		
Columns	No	List of Columns object		
Rows	No	List of Rows object		

Columns				
Property	Required?	Data type	Description	Validations/Exceptions
Name	Yes	String		<ul style="list-style-type: none"> Price Sheet column name is mandatory for Price Sheet (Price Sheet Name) in column
Type	No	String		<ul style="list-style-type: none"> Price Sheet Column Type is mandatory for Price Sheet (Price Sheet Name) in column Price Sheet Column Type is invalid for Price Sheet (Price Sheet Name) in column
Mandatory	No	Boolean		
VisibleToSupplier	No	Boolean		
ForSupplierResponse	No	Boolean		

Rows				
Property	Required?	Data type	Description	Validations/Exceptions
RowNumber	No	Int		<ul style="list-style-type: none"> Row Number already exist for Price Sheet (Price Sheet Name)

Data	No	List of lineData object		<ul style="list-style-type: none"> Data is mandatory for Price Sheet (Price Sheet Name) at row (Row Number) for column Row count should not be more than column count at Row Number (Row Number) for Price Sheet (Price Sheet Name)
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Data				
Property	Required?	Data type	Description	Validations/Exceptions
ColumnName	Yes	String		<ul style="list-style-type: none"> Data Column Name not exists in Price Sheet (Price Sheet Name) Columns at position for Row Number Data Column Name (Row Number) not exists in Price Sheet (Price Sheet Name) Columns.
ColumnValue	No	String		<ul style="list-style-type: none"> String length is greater than 500 characters for Price Sheet (Price Sheet Name) at row (Row Number) for column (Name) Data type mismatch for Price Sheet (Price Sheet Name) at row (Row Number) for column (Name)

Attachments				
Property	Required?	Data type	Description	Validations/Exceptions
Name	No	String		
Base64Attachment	No	String		

Guidelines				
Property	Required?	Data type	Description	Validations/Exceptions
GuidelineName	No	String	Name of the guideline	
GuidelineType	No	String	Type of the guideline	
GuidelineData	No	String	Information related to guideline	

CreatedBy	No	String	Creator for the guideline	
LastModifiedBy	No	String	Name of the persona who last updated the guideline	

Document				
Property	Required?	Data type	Description	Validations/Exceptions
DocumentName	Yes	String	Name of the document	<ul style="list-style-type: none"> Document Name is mandatory Document Name Should be less than or equal to 100 characters
DocumentNumber	Yes	String	Number of the document	<ul style="list-style-type: none"> Document Number is mandatory There was an error in processing as the Document Number already exists
DocumentStatus	Yes	String	Status of the document	<ul style="list-style-type: none"> Document Status is mandatory Document Status is invalid
DocumentDescription	No	String	Description/ more information related to the document	<ul style="list-style-type: none"> Document Description Should be less than or equal to 4000 characters
DocumentCreator	Yes	String	Creator of the document	<ul style="list-style-type: none"> Document Creator is mandatory
DocumentBU	Yes	List of orgentity object		<ul style="list-style-type: none"> Business Unit is mandatory
Header	Yes	Header	Check Header for details	
OperationName	Yes	String		<ul style="list-style-type: none"> Operation name is mandatory

DocumentBU				
Property	Required?	Data type	Description	Validations/Exceptions
EntityCode	Yes	String		<ul style="list-style-type: none"> Entity Code at () is mandatory for Document BU Invalid Entity Code
IsDefault	No	Boolean		
EntityType	Yes	String		<ul style="list-style-type: none"> Entity Type at position () is mandatory for Document BU Invalid Entity Type
LOBEntityCode	No	String		<ul style="list-style-type: none"> Invalid LOB Entity Code

Header

Property	Required?	Data type	Description	Validations/Exceptions
From		From object	Check data type From for details	
To		To object	Check data type To for details	
Sender		Sender object	Check data type Sender for details	

From				
Property	Required?	Data type	Description	Validations/Exceptions
Identity		String	Identity of the entity	
Domain		String	Domain of the entity	

To				
Property	Required?	Data type	Description	Validations/Exceptions
Identity		String	Identity of the entity	
Domain		String	Domain of the entity	

Sender				
Property	Required?	Data type	Description	Validations/Exceptions
Identity		String	Identity of the entity	
SharedSecret		String	Shared Secret of the entity	
UserAgent		String	User Agent of the entity	
Domain		String	Domain of the entity	

Examples

Success Scenario – Request

```
{
  "EventType": "RFQ",
  "EventValue": "10.0",
  "Category": [
    "44224550001846"
  ],
  "Region": [
    "UNITED STATES OF AMERICA"
  ]
}
```

```
],
"EventTemplateType": "AutoPublish",
"EventTimeline": {
  "Response": {
    "Name": "string",
    "StartDate": "2019-12-03T12:34:06.813Z",
    "EndDate": "2020-01-04T12:34:06.813Z",
    "Visibletosupplier": true
  },
  "Evaluation": {
    "Name": "string",
    "StartDate": "2020-01-05T12:40:06.813Z",
    "EndDate": "2020-01-06T12:34:06.813Z",
    "Visibletosupplier": true
  },
  "Others": [
    {
      "Name": "string",
      "StartDate": "2019-08-28T12:34:06.814Z",
      "EndDate": "2019-08-28T12:34:06.814Z",
      "Visibletosupplier": true
    }
  ]
},
"Suppliers": [
  {
    "Name": "PC-2017.001307",
    "SupplierContacts": [
      {
        "ClientContactCode": "CC-2019.015736",
        "IsPrimary": true,
        "Role": "stringrole"
      }
    ]
  }
]
```

```
    },
    {
      "Name": "PC-2017.001591",
      "SupplierContacts": [
        {
          "ClientContactCode": "CC-2017.001683",
          "IsPrimary": true,
          "Role": "stringrole"
        }
      ]
    },
    {
      "Name": "PC-2017.000040",
      "SupplierContacts": [
        {
          "ClientContactCode": "CC-2017.000132",
          "IsPrimary": true,
          "Role": "stringrole"
        }
      ]
    }
  ],
  "PriceSheets": [
    {
      "PriceSheetName": "Header_Note1This Blanket Purchase Order is awarded to supply Company requirements for &#39;
through.",
      "Description": "desc1",
      "PriceSheetType": "Material",
      "CreatedBy": "CreatedBystring",
      "LastModifiedBy": "LastModifiedBystring",
      "Columns": [
        {
          "Name": "col1",
          "Type": "Text",
```

```
    "Mandatory": true,
    "VisibleToSupplier": true,
    "ForSupplierResponse": false
  },
  {
    "Name": "col2",
    "Type": "Text",
    "Mandatory": false,
    "VisibleToSupplier": true,
    "ForSupplierResponse": false
  }
],
"Rows": [
  {
    "RowNumber": 1,
    "Data": [
      {
        "ColumnName": "col1",
        "ColumnValue": "11"
      }
    ]
  }
]
},
{
  "PriceSheetName": "Header_Note2This Blanket Purchase Order is awarded to supply Company requirements for &#39;
through.",
  "Description": "desc2",
  "PriceSheetType": "Material",
  "CreatedBy": "CreatedBystring",
  "LastModifiedBy": "LastModifiedBystring",
  "Columns": [
    {
      "Name": "col1",
```

```
    "Type": "Text",
    "Mandatory": true,
    "VisibleToSupplier": true,
    "ForSupplierResponse": false
  },
  {
    "Name": "col2",
    "Type": "Numeric",
    "Mandatory": false,
    "VisibleToSupplier": true,
    "ForSupplierResponse": false
  }
],
"Rows": [
  {
    "RowNumber": 1,
    "Data": [
      {
        "ColumnName": "col1",
        "ColumnValue": "test"
      },
      {
        "ColumnName": "col2",
        "ColumnValue": "11"
      }
    ]
  },
  {
    "RowNumber": 2,
    "Data": [
      {
        "ColumnName": "col1",
        "ColumnValue": "test2"
      },

```

```
        {
            "ColumnName": "col2",
            "ColumnValue": "12"
        }
    ]
}
]
}
],
"Attachments": [
    {
        "Name": "attch1.txt",
        "Base64Attachment": "VGZzdEF0dGFjaG1lbnRzMQ=="
    },
    {
        "Name": "atch2.txt",
        "Base64Attachment": "VGZzdEF0dGFjaG1lbnRCb2R5Mg=="
    }
],
"DocumentName": "Header_Note3This Blanket Purchase Order is awarded to supply Company requirements for &#39; through.",
"DocumentNumber": "OWL_001114",
"DocumentStatus": "Published",
"DocumentDescription": "Desc",
"DocumentCreator": "AscenaAdminUAT",
"DocumentBU": [
    {
        "EntityCode": "SAP",
        "IsDefault": false,
        "EntityType": "Division",
        "LOBEntityCode": "SAP"
    },
    {
        "EntityCode": "Oracle",
        "IsDefault": "true",
    }
]
```



```
        "EntityType": "Division",
        "LOBEntityCode": "Oracle"
    }
],

"OperationName": "New"
}
```

Success Scenario – Response

```
{
  "data": null,
  "statusCode": "200",
  "errorDetails": [],
  "successDetails": [
    {
      "key": "OWL_001114"
    }
  ]
}
```

Error Scenario – Request

```
{
  "EventType": "RFQ",
  "EventValue": "10.0",
  "Category": [
    "44224550001846"
  ],
  "Region": [
    "UNITED STATES OF AMERICA"
  ],
  "EventTemplateType": "AutoPublish",
```

```
"EventTimeline": {
  "Response": {
    "Name": "string",
    "StartDate": "2019-12-03T12:34:06.813Z",
    "EndDate": "2020-01-04T12:34:06.813Z",
    "Visibletosupplier": true
  },
  "Evaluation": {
    "Name": "string",
    "StartDate": "2019-12-05T12:40:06.813Z",
    "EndDate": "2019-12-06T12:34:06.813Z",
    "Visibletosupplier": true
  },
  "Others": [
    {
      "Name": "string",
      "StartDate": "2019-08-28T12:34:06.814Z",
      "EndDate": "2019-08-28T12:34:06.814Z",
      "Visibletosupplier": true
    }
  ]
},
"Suppliers": [
  {
    "Name": "PC-2017.001307",
    "SupplierContacts": [
      {
        "ClientContactCode": "CC-2019.015736",
        "IsPrimary": true,
        "Role": "stringrole"
      }
    ]
  }
],
{
```

```
"Name": "PC-2017.001591",
"SupplierContacts": [
  {
    "ClientContactCode": "CC-2017.001683",
    "IsPrimary": true,
    "Role": "stringrole"
  }
],
{
  "Name": "PC-2017.000040",
  "SupplierContacts": [
    {
      "ClientContactCode": "CC-2017.000132",
      "IsPrimary": true,
      "Role": "stringrole"
    }
  ]
},
"PriceSheets": [
  {
    "PriceSheetName": "Header_NotelThis Blanket Purchase Order is awarded to supply Company requirements for &#39;
through.",
    "Description": "desc1",
    "PriceSheetType": "Material",
    "CreatedBy": "CreatedBystring",
    "LastModifiedBy": "LastModifiedBystring",
    "Columns": [
      {
        "Name": "col1",
        "Type": "Text",
        "Mandatory": true,
        "VisibleToSupplier": true,
```

```
        "ForSupplierResponse": false
    },
    {
        "Name": "col2",
        "Type": "Text",
        "Mandatory": false,
        "VisibleToSupplier": true,
        "ForSupplierResponse": false
    }
],
"Rows": [
    {
        "RowNumber": 1,
        "Data": [
            {
                "ColumnName": "col1",
                "ColumnValue": "11"
            }
        ]
    }
]
},
{
    "PriceSheetName": "Header_Note2This Blanket Purchase Order is awarded to supply Company requirements for &#39;
through.",
    "Description": "desc2",
    "PriceSheetType": "Material",
    "CreatedBy": "CreatedBystring",
    "LastModifiedBy": "LastModifiedBystring",
    "Columns": [
        {
            "Name": "col1",
            "Type": "Text",
            "Mandatory": true,
```

```
    "VisibleToSupplier": true,  
    "ForSupplierResponse": false  
  },  
  {  
    "Name": "col2",  
    "Type": "Numeric",  
    "Mandatory": false,  
    "VisibleToSupplier": true,  
    "ForSupplierResponse": false  
  }  
],  
"Rows": [  
  {  
    "RowNumber": 1,  
    "Data": [  
      {  
        "ColumnName": "col1",  
        "ColumnValue": "test"  
      },  
      {  
        "ColumnName": "col2",  
        "ColumnValue": "11"  
      }  
    ]  
  },  
  {  
    "RowNumber": 2,  
    "Data": [  
      {  
        "ColumnName": "col1",  
        "ColumnValue": "test2"  
      },  
      {  
        "ColumnName": "col2",
```

```
        "ColumnValue": "12"
      }
    ]
  }
]
},
"Attachments": [
  {
    "Name": "attch1.txt",
    "Base64Attachment": "VGZzdEF0dGFjaG1lbnRzMg=="
  },
  {
    "Name": "atch2.txt",
    "Base64Attachment": "VGZzdEF0dGFjaG1lbnRCb2R5Mg=="
  }
],
"DocumentName": "Header_Note3This Blanket Purchase Order is awarded to supply Company requirements for &#39; through.",
"DocumentNumber": "OWL_0016",
"DocumentStatus": "Published",
"DocumentDescription": "Desc",
"DocumentCreator": "AscenaAdminUAT",
"DocumentBU": [
  {
    "EntityCode": "SAP",
    "IsDefault": false,
    "EntityType": "Division",
    "LOBEntityCode": "SAP"
  },
  {
    "EntityCode": "Oracle",
    "IsDefault": "true",
    "EntityType": "Division",
    "LOBEntityCode": "Oracle"
  }
]
```

```
    }  
  ],  
  "OperationName": "New"  
}
```

Error Scenario – Response

```
{  
  "data": null,  
  "statusCode": "400",  
  "errorDetails": [  
    {  
      "key": "OWL_0016",  
      "errors": [  
        {  
          "errorCode": "DataValidation",  
          "errorDescription": "Response timeline end date must be before Evaluation timeline end date."  
        }  
      ]  
    }  
  ],  
  "successDetails": []  
}
```