ICA REST API Documentation

Authentication

The API uses a token based authentication and not a session based one. This means that the API token must be submitted with every request. The API is expecting the token to be a JWT in the HTTP Authorization Header. Internally, the JWT is validated, compared against a white-list of api-tokens, and then mapped to a ViewCenter user to use. An Authentication failure will return 401 with an ErrorMessage Object.

```
Authorization: Bearer <JWT>
```

JWT Details

The API is utilizing 3 properties of the JWT. The issuer (iss), subject (sub), and expiration (exp). The issuer should be "https://api.viewcenter.com". The subject should be the api-token granted to you. The expiration should be a future date. The JWT is expected to use the HS256 algorithm (HMAC with SHA-256). A JWT can be rejected for being structurally invalid, invalid signing, wrong issuer, expired, or unknown api-token. You can create the JWT once (or ICM will provide you the full JWT), or you can create the JWT as needed with a sliding expiration. In which case, ICM will provide the HS256 shared secret. In both cases, the api-token is validated against a known white list of api-tokens on the server.

Example JWT
```
Authorization: Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJodHRwczovL2FwaS52aWV3Y2VudGVyLmNvbSIsInN1YiI6Inh4eHh4eHh4eHh4eHh4eHh4IiwiZXhwIjoyNTM0MDIyMzk2MDB9.PfNv6OAR1_piEIxXJ41BW_B2Qnf-xMtSwKOUKo9dV7E
```

API Methods & Routes

API Method	HTTP Verb	Route	Result Codes	Request Body	Result Body	Notes
PDF merge multiple document record attachments	POST	/api/sfdocs/pdfmerge	200 404	OperationParams Object	JobDefinition Object	Submit a PDF Merge request. The operation will affect the provided Document Numbers (merged in order given).
Export to ZIP multiple document records and attachments	POST	/api/sfdocs/exporttozip	200 404	OperationParams Object	JobDefinition Object	Submit an Export To Zip request. The operation will affect the provided Document Numbers.

Get the stream of the generated file.	GET	/api/generatedfiles/file_guid/attachment	200 404	N/A	application/octet-stream	Retrieve the generated file from the PDFMerge and ExportToZip processes. The GUID to supply comes from the JobDefinition and JobInstance objects. The GUID is made available as part of the job completion notification.
Get the full JobInstance object	GET	/api/job/instance/job_instanceID	200 404	N/A	JobInstance Object	Retrieve the full JobInstance object by job_instanceID. This is primarily used to get the JobDefinitionID the instance belongs to.
Create a Salesforce record with attachment	POST	/api/sfdocs/	200 400 404 415	A multipart/form-data with DocumentRecord object first and then the mime encoded file second. Creates a new record with the provided values. Fields with the "VC" prefix are considered system fields and any values supplied are ignored.	AddRecordResult Object	Create a new ViewCenter record and attachment in the Salesforce collection. The AddRecordResult.Status property must be checked for Success. Any failure messages reported by ViewCenter will be in AddRecordResult.Messages.
Get a Salesforce record	GET	/api/sfdocs/doc_id	200 404 500	n/a	DocumentRecord Object	Retrieve a ViewCenter record from the Salesforce collection.
Update a Salesforce record	PATCH	/api/sfdocs/doc_id	200 404 409 500	DocumentRecord Object. Updates a record with the provided values. Fields with the "VC" prefix are considered system fields and any values supplied are ignored.	DocumentRecord Object	Allow the caller to change any of the following: • Document ID • ALJ Number • Claim Number • Appellate Case Number • Document Type • FileNET Entry Date • Packet ID

Delete a Salesforce record and attachment.	DELETE	/api/sfdocs/doc_id	204 500	n/a	n/a	Delete a ViewCenter record and attachment from the Salesforce collection. This is permanent and cannot be undone!
Get a Salesforce attachment stream	GET	/api/sfdocs/doc_id/attachment	200 404 500	n/a	application/octet-stream	Retrieve a file attachment byte stream.
Replace a Salesforce attachment stream	PUT	/api/sfdocs/doc_id/attachment	200 400 404 412 415 500	A multipart/form-data with a mime encoded file.	n/a	Replace the attachment with the given byte stream.
Remove a Salesforce attachment stream	DELETE	/api/sfdocs/doc_id/attachment	204 500	n/a	n/a	Remove the attachment from a ViewCenter record for the given Document Number. This does NOT delete the ViewCenter record itself, only the attachment.
Create a Community Profile record	POST	/api/community/	201 409 500	CommunityRecord Object. Creates a new record with the provided User ID and Party Type.	CommunityRecord Object	Creates a new record (parent ViewCenter record) in the Community Profile collection.
Get a Community Profile record	GET	/api/community/userID	200 404 500	n/a	CommunityRecord Object	This retrieves a record (parent ViewCenter record) from the Community Profile collection.
Update a Community Profile record	PATCH	/api/community/recordId/record_id	200 404 409 500	CommunityRecord Object. Updates a record with the provided User ID and Party Type.	CommunityRecord Object	This call is to change the User ID and Party Type of a record (parent ViewCenter record). Since the User ID is a ViewCenter DataKey, the internal ID must be used to reference the record to be changed (RecordId).
Delete a Community Profile record and all child document records and attachments.	DELETE	/api/community/userID	204 500	n/a	n/a	This will delete a record (parent ViewCenter record) and all children. This will delete ALL child document records and attachments!

Add a Document record and attachment to a Community Profile	POST	/api/community/userID/docs/	200 400 404 415	A multipart/form-data with CommunityDocumentRecord object first and then the mime encoded file second.	AddRecordResult Object	This will add a document record and attachment to ViewCenter. You must additionally check the AddRecordResult.Status property for Success. Any failure messages reported by ViewCenter will be in AddRecordResult.Messages.
Get a Community Profile Document record	GET	/api/community/userID/docs/doc_number	200 404 500	n/a	CommunityDocumentRecord Object	This retrieves the document record for the given User ID and Document Number.
Get a Community Profile Document attachment stream	GET	/api/community/userID/docs/doc_number/attachment	200 404 500	n/a	application/octet-stream	This retrieves the document attachment byte stream for the given User ID and Document Number.
Update a Community Profile Document record	PATCH	/api/community/userID/docs/doc_number	200 404 409 500	CommunityDocumentRecord Object.\n\nUpdates a record with the provided Document Number and Document Type.	CommunityDocumentRecord Object	This call is to change the Document Number and Document Type of a record (child ViewCenter record).
Replace a Community Profile Document attachment stream	PUT	/api/community/userID/docs/doc_number/attachment	200 400 404 412 415 500	A multipart/form-data with CommunityDocumentRecord object and mime encoded file.	n/a	This will replace the claim document record attachment with the given file.
Delete a Community Profile Document record and attachment	DELETE	/api/community/userID/docs/doc_number	204 500	n/a	n/a	Deletes the document record by given User ID and Document Number.
Remove a Community Profile Document attachment stream	DELETE	/api/community/userID/docs/doc_number/attachment	204 500	n/a	n/a	Remove the attachment from a document record by given User ID and Document Number. This does NOT delete the document record itself, only the attachment.
Create a Carrier Notification Record	POST	/api/carrier/	201 409 500	CarrierRecord Object.\n\nCreates a new record with the provided CarrierID.	CarrierRecord Object	Creates a new record (parent ViewCenter record) in the Carrier Notification collection.

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Get a Carrier Notification Record	GET	/api/carrier/carrierid	200 404 500	n/a	CarrierRecord Object	This retrieves a record (parent ViewCenter record) from the Carrier Notification collection.
**Update a Carrier Notification Record	PATCH	/api/carrier/recordId/record_id	200 404 409 500	CarrierRecord Object.		
Delete a Carrier Notification record and all child document records and attachments.	DELETE	/api/carrier/carrierid	204 500	n/a	n/a	This will delete a record (parent ViewCenter record) and all children. This will delete ALL child document records and attachments!
Add a Document record and attachment to a Carrier Notification record	POST	/api/carrier/carrierid/docs/	200 400 404 415	A multipart/form-data with CarrierDocumentRecord object first and then the mime encoded file second.	AddRecordResult Object	This will add a document record and attachment to ViewCenter. You must additionally check the AddRecordResult.Status property for Success. Any failure messages reported by ViewCenter will be in AddRecordResult.Messages.
Get a Carrier Notification Document Record	GET	/api/carrier/carrierid/docs/documentid	200 404 500	n/a	CarrierDocumentRecord Object	This retrieves the document record for the given Carrier ID and Document ID
Get a Carrier Notification Document attachment stream	GET	/api/carrier/carrierid/docs/documentid/attachment	200 404 500	n/a	application/octet-stream	This retrieves the document attachment byte stream for the given Carrier ID and Document ID.
Update a Carrier Notification Document Record	PATCH	/api/carrier/carrierid/docs/documentid	200 404 409 500	CarrierDocumentRecord Object. Updates a record with the provided Date and/or File Net Entry Date	CarrierDocumentRecord Object	This call is to change the Date and File NET Entry Date of a record (child ViewCenter record) in the Carrier Notification Documents table
Replace a Carrier Notification Document attachment stream	PUT	/api/carrier/carrierid/docs/documentid/attachment	200 400 404 412 415 500	A multipart/form-data with CarrierDocumentRecord object and mime encoded file.	n/a	This will replace the carrier document record attachment with the given file

Delete a Carrier Document record and attachment	DELETE	/api/carrier/carrierid/docs/documentid	204 500	n/a	n/a	Deletes the document record by given Carrier ID and Document ID
Remove a Carrier Document attachment stream	DELETE	/api/carrier/carrierid/docs/documentid/attachment	204 500	n/a	n/a	Removes the attachment from a document record by given Carrier ID and Document ID. This does NOT delete the document record itself, only the attachment.
Get a 101 - Employer Report Document Record	GET	/api/employer/docid	200 404 500	n/a	EmployerDocumentRecord Object	This retrieves the document record for the given Document ID
Get a 101 - Employer Report Document attachment stream	GET	/api/employer/docid/attachment	200 404 500	n/a	application/octet-stream	This retrieves the document attachment byte stream for the given Document ID.
Update a 101 - Employer Report Document Record	PATCH	/api/employer/recordId/recordId	200 404 409 500	EmployerDocumentRecord Object. Updates a record with the provided First Name, Last Name, DOB, DOI	EmployerDocumentRecord Object	This call is to change the First Name, Last Name, DOB, DOI of a record in the 101 - Employer Report of Injury Documents table. The internal ID must be used to reference the record to be changed (RecordId).
Replace a 101 - Employer Report Document attachment stream	PUT	/api/employer/docid/attachment	200 400 404 412 415 500	A multipart/form-data with EmployerDocumentRecord object and mime encoded file.	n/a	This will replace the 101 - Employer Report document record attachment with the given file
Delete a 101 - Employer Report Document record and attachment	DELETE	/api/employer/docid	204 500	n/a	n/a	Deletes the document record by given Document ID
Remove a 101 - Employer Report Document attachment stream	DELETE	/api/employer/docid/attachment	204 500	n/a	n/a	Removes the attachment from a document record by given Document ID. This does NOT delete the document record itself, only the attachment.

Add a Document record and attachment to a 101 - Employer Report record (single table in this collection - no parent/child relationship)	POST	/api/employer	200 400 409 415 500	A multipart/form-data with EmployerDocumentRecord object first and then the mime encoded file second.	EmployerDocumentRecord Object	This will add a document record and attachment to ViewCenter. You must additionally check the AddRecordResult.Status property for Success. Any failure messages reported by ViewCenter will be in AddRecordResult.Messages.
Move a 101 - Employer Report of Injury Document record and attachment to a specific Claim record (creates a Claim Document Record with the attachment	PUT	/api/employer/docid/move/claimNumber	200 400 404 500	n/a	AddRecordResult Object	This will find the 101 - Employer Report record by the given Document ID, get its attachment, Create a new Claim Document Record under the given parent Claim Record by the given Claim Number. The new Claim document record will have the given Document ID and a Document Type of "101". Once the attachment has been moved to the record in the Claims collection, the record and attachment will be deleted from the 101 - Employer Report of Injury collection.

Models

ClaimRecord
```
// ClaimRecord
{
  "ClaimNumber": "abcde12345",
  "VCTableId": 0,
  "VCRecordId": 0
}
```

DestinationClaim
```
// DestinationClaim
{
  "DestinationClaimNumber": "abcde12345"
}
```
ClaimDocumentRecord
```
// ClaimDocumentRecord
```

```
{
  "DocumentType": "abcde",
  "PacketNumber": "abcde12345",
  "DocumentNumber": "abcde12345",
  "FileNETEntryDate": "2000-01-02T09:42:00",
  "VCTableId": 0,
  "VCRecordId": 0,
  "VCParentRecordID": 0,
  "VCStorageID": 0,
  "VCFileRelativeLocation": "20171101",
  "VCFileName": "2017_11_01_12_00_26_0822",
  "VCFileExtension": "pdf",
  "VCFileOriginalName": "2017CD00013401_00020.pdf"
}
```

CarrierDocumentRecord

```
// CarrierDocumentRecord
{
  "DocumentID": "abcde12345",
  "Date": "2000-01-02T09:42:00",
  "FileNETEntryDate": "2000-01-02T09:42:00",
  "VCTableId": 0,
  "VCRecordId": 0,
  "VCParentRecordID": 0,
  "VCStorageID": 0,
  "VCFileRelativeLocation": "20171101",
  "VCFileName": "2017_11_01_12_00_26_0822",
  "VCFileExtension": "pdf",
  "VCFileOriginalName": "2017CD00013401_00020.pdf"
}
```

CommunityDocumentRecord

```
// CommunityDocumentRecord
{
  "DocumentType": "abcde12345",
  "DocumentID": "abcde12345",
  "VCTableId": 0,
  "VCRecordId": 0,
  "VCParentRecordID": 0,
  "VCStorageID": 0,
  "VCFileRelativeLocation": "20171101",
  "VCFileName": "2017_11_01_12_00_26_0822",
  "VCFileExtension": "pdf",
  "VCFileOriginalName": "2017CD00013401_00020.pdf"
}
```

EmployerDocumentRecord

```
// EmployerDocumentRecord
{
  "DocumentID": "abcde12345",
  "FirstName": "abcde12345",
  "LastName": "abcde12345",
  "DOB": "2000-01-02T09:42:00",
  "DOI": "2000-01-02T09:42:00",
  "VCTableId": 0,
  "VCRecordId": 0,
  "VCParentRecordID": 0,
  "VCStorageID": 0,
  "VCFileRelativeLocation": "20171101",
```

```
  "VCFileName": "2017_11_01_12_00_26_0822",
  "VCFileExtension": "pdf",
  "VCFileOriginalName": "2017CD00013401_00020.pdf"
}
```

ClaimOperationParams
```
// ClaimOperationParams
{
  "SelectionType": "ByDocumentNumber",
  "DocumentNumbers": [
    "abcde12345",
    "vwxyz67890"
  ]
}
```

ErrorMessage
```
// ErrorMessage
{
  "Message": "Unknown ApiKey specified in JWT."
}
```

Record
```
// Record
{
  "RecordID": 1384,
  "ParentRecordID": 2,
  "RecordTableID": 225,
  "AdditionDate": "2017-07-31T20:45:55.853",
  "AdditionUserID": "icmsupport",
  "ModificationDate": "2017-08-18T09:11:20.323",
  "ModificationUserID": "jasonvl_limited",
  "DocumentStatusID": 6232,
  "RetentionScheduleID": null,
  "RetentionNotes": null,
  "RetentionStartDate": null,
  "DispositionDate": null,
  "DispositionActionDate": null,
  "DocumentSetID": 131,
  "FileRelativeLocation": "20170731",
  "FileName": "2017_07_31_20_45_55_0847",
  "FileExtension": "pdf",
  "FileOriginalName": "Hallett German - Ghosts vs Robots (Abridged).pdf",
  "BasicRevisionNumberValue": 11,
  "RevisionControlParentRecordID": 265,
  "CheckedOutBy": null,
  "CheckOutDate": null,
  "LastCheckedOutBy": "icmsupport",
  "LastCheckOutDate": "2017-07-31T20:45:31.957",
  "LastCheckedInBy": "icmsupport",
  "LastCheckInDate": "2017-07-31T20:45:55.91",
  "LastCheckInNotes": "fgfgdf",
  "StorageFolderID": 124,
  "EnhancedVersionLevel1Value": "F",
  "EnhancedVersionLevel2Value": "2",
  "EnhancedVersionLevel3Value": "6",
```

```
    "EnhancedVersionDisplayValue": "F.2\\6",
    "DocumentNumberDisplayValue": null,
    "DocumentTypeID": null,
    "DocumentNumberValue": null,
    "DocumentNumberOfPages": null,
    "DocumentFileSizeInBytes": 76889,
    "Data": [
      {
        "ColumnPhysicalName": "dept",
        "ColumnValue": "Agricultural"
      },
      {
        "ColumnPhysicalName": "category",
        "ColumnValue": "Orders"
      },
      {
        "ColumnPhysicalName": "doctype",
        "ColumnValue": "Commissioner Order"
      },
      {
        "ColumnPhysicalName": "date",
        "ColumnValue": "1/7/2016 12:00:00 AM"
      },
      {
        "ColumnPhysicalName": "test",
        "ColumnValue": null
      }
    ],
    "Parent": null,
    "Rover": "AAAAAA2dUrE=",
    "InputActionOptions": {}
}
```

AddRecordResult

```
// AddRecordResult
{
  "Status": "Success",
  "AddedRecord": {
  "RecordID": 1384,
  "ParentRecordID": 2,
  "RecordTableID": 225,
  "AdditionDate": "2017-07-31T20:45:55.853",
  "AdditionUserID": "icmsupport",
  "ModificationDate": "2017-08-18T09:11:20.323",
  "ModificationUserID": "jasonvl_limited",
  "DocumentStatusID": 6232,
  "RetentionScheduleID": null,
  "RetentionNotes": null,
  "RetentionStartDate": null,
  "DispositionDate": null,
  "DispositionActionDate": null,
  "DocumentSetID": 131,
  "FileRelativeLocation": "20170731",
  "FileName": "2017_07_31_20_45_55_0847",
  "FileExtension": "pdf",
  "FileOriginalName": "Hallett German - Ghosts vs Robots (Abridged).pdf",
  "BasicRevisionNumberValue": 11,
```

```
    "RevisionControlParentRecordID": 265,
    "CheckedOutBy": null,
    "CheckOutDate": null,
    "LastCheckedOutBy": "icmsupport",
    "LastCheckOutDate": "2017-07-31T20:45:31.957",
    "LastCheckedInBy": "icmsupport",
    "LastCheckInDate": "2017-07-31T20:45:55.91",
    "LastCheckInNotes": "fgfgdf",
    "StorageFolderID": 124,
    "EnhancedVersionLevel1Value": "F",
    "EnhancedVersionLevel2Value": "2",
    "EnhancedVersionLevel3Value": "6",
    "EnhancedVersionDisplayValue": "F.2\\6",
    "DocumentNumberDisplayValue": null,
    "DocumentTypeID": null,
    "DocumentNumberValue": null,
    "DocumentNumberOfPages": null,
    "DocumentFileSizeInBytes": 76889,
    "Data": [
      {
        "ColumnPhysicalName": "dept",
        "ColumnValue": "Agricultural"
      },
      {
        "ColumnPhysicalName": "category",
        "ColumnValue": "Orders"
      },
      {
        "ColumnPhysicalName": "doctype",
        "ColumnValue": "Commissioner Order"
      },
      {
        "ColumnPhysicalName": "date",
        "ColumnValue": "1/7/2016 12:00:00 AM"
      },
      {
        "ColumnPhysicalName": "test",
        "ColumnValue": null
      }
    ],
    "Parent": null,
    "Rover": "AAAAAA2dUrE=",
    "InputActionOptions": {}
},
    "Messages": []
}
```

UpdateRecordResult

```
// UpdateRecordResult
{
    "Status": "Success",
    "UpdatedRecord": {
    "RecordID": 1384,
    "ParentRecordID": 2,
    "RecordTableID": 225,
    "AdditionDate": "2017-07-31T20:45:55.853",
    "AdditionUserID": "icmsupport",
```

"ModificationDate": "2017-08-18T09:11:20.323",
"ModificationUserID": "jasonvl_limited",
"DocumentStatusID": 6232,
"RetentionScheduleID": null,
"RetentionNotes": null,
"RetentionStartDate": null,
"DispositionDate": null,
"DispositionActionDate": null,
"DocumentSetID": 131,
"FileRelativeLocation": "20170731",
"FileName": "2017_07_31_20_45_55_0847",
"FileExtension": "pdf",
"FileOriginalName": "Hallett German - Ghosts vs Robots (Abridged).pdf",
"BasicRevisionNumberValue": 11,
"RevisionControlParentRecordID": 265,
"CheckedOutBy": null,
"CheckOutDate": null,
"LastCheckedOutBy": "icmsupport",
"LastCheckOutDate": "2017-07-31T20:45:31.957",
"LastCheckedInBy": "icmsupport",
"LastCheckInDate": "2017-07-31T20:45:55.91",
"LastCheckInNotes": "fgfgdf",
"StorageFolderID": 124,
"EnhancedVersionLevel1Value": "F",
"EnhancedVersionLevel2Value": "2",
"EnhancedVersionLevel3Value": "6",
"EnhancedVersionDisplayValue": "F.2\\6",
"DocumentNumberDisplayValue": null,
"DocumentTypeID": null,
"DocumentNumberValue": null,
"DocumentNumberOfPages": null,
"DocumentFileSizeInBytes": 76889,
"Data": [
  {
    "ColumnPhysicalName": "dept",
    "ColumnValue": "Agricultural"
  },
  {
    "ColumnPhysicalName": "category",
    "ColumnValue": "Orders"
  },
  {
    "ColumnPhysicalName": "doctype",
    "ColumnValue": "Commissioner Order"
  },
  {
    "ColumnPhysicalName": "date",
    "ColumnValue": "1/7/2016 12:00:00 AM"
  },
  {
    "ColumnPhysicalName": "test",
    "ColumnValue": null
  }
],
"Parent": null,
"Rover": "AAAAAA2dUrE=",
"InputActionOptions": {}

```
  },
  "Messages": []
}
```

DeleteRecordResult

```
// DeleteRecordResult
{
  "Status": "Success",
  "DeletedRecord": {
  "RecordID": 1384,
  "ParentRecordID": 2,
  "RecordTableID": 225,
  "AdditionDate": "2017-07-31T20:45:55.853",
  "AdditionUserID": "icmsupport",
  "ModificationDate": "2017-08-18T09:11:20.323",
  "ModificationUserID": "jasonvl_limited",
  "DocumentStatusID": 6232,
  "RetentionScheduleID": null,
  "RetentionNotes": null,
  "RetentionStartDate": null,
  "DispositionDate": null,
  "DispositionActionDate": null,
  "DocumentSetID": 131,
  "FileRelativeLocation": "20170731",
  "FileName": "2017_07_31_20_45_55_0847",
  "FileExtension": "pdf",
  "FileOriginalName": "Hallett German - Ghosts vs Robots (Abridged).pdf",
  "BasicRevisionNumberValue": 11,
  "RevisionControlParentRecordID": 265,
  "CheckedOutBy": null,
  "CheckOutDate": null,
  "LastCheckedOutBy": "icmsupport",
  "LastCheckOutDate": "2017-07-31T20:45:31.957",
  "LastCheckedInBy": "icmsupport",
  "LastCheckInDate": "2017-07-31T20:45:55.91",
  "LastCheckInNotes": "fgfgdf",
  "StorageFolderID": 124,
  "EnhancedVersionLevel1Value": "F",
  "EnhancedVersionLevel2Value": "2",
  "EnhancedVersionLevel3Value": "6",
  "EnhancedVersionDisplayValue": "F.2\\6",
  "DocumentNumberDisplayValue": null,
  "DocumentTypeID": null,
  "DocumentNumberValue": null,
  "DocumentNumberOfPages": null,
  "DocumentFileSizeInBytes": 76889,
  "Data": [
    {
      "ColumnPhysicalName": "dept",
      "ColumnValue": "Agricultural"
    },
    {
      "ColumnPhysicalName": "category",
      "ColumnValue": "Orders"
    },
    {
      "ColumnPhysicalName": "doctype",
```

```
      "ColumnValue": "Commissioner Order"
    },
    {
      "ColumnPhysicalName": "date",
      "ColumnValue": "1/7/2016 12:00:00 AM"
    },
    {
      "ColumnPhysicalName": "test",
      "ColumnValue": null
    }
  ],
  "Parent": null,
  "Rover": "AAAAAA2dUrE=",
  "InputActionOptions": {}
},
  "Messages": []
}
```

JobDefinition

```
// JobDefinition
{
        "JobDefinitionID": 10,
        "Username": "viewcenter_services",
        "JobType": 4,
        "JobInput":
"{\"OrderedRecords\":[{\"TargetTableID\":4,\"RecordID\":16},{\"TargetTableID\":4,\"RecordID\":15},{\"TargetTableID\":4,\"RecordID\":14}],\"NotificationChannelID\":3,\"ExecutionSch
edule\":{\"Recurrence\":1,\"StartTime\":\"2018-01-17T13:35:24.5049252-
07:00\",\"EndTime\":null,\"DailyRecurrencePeriod\":1,\"WeeklyRecurrenceDays\":[],\"MonthlyRecurrenceMonths\":[],\"MonthlyRecurrenceDaysOfMonth\":[],\"MonthlyRecurrenceNthDay\":0,\
"MonthlyRecurrenceDaysOfWeek\":[],\"MinuteIntervalSize\":null}}",
        "Status": 0,
        "NotificationChannelID": 3,
        "ExecutionSchedule": {
                "Recurrence": 1,
                "StartTime": "2018-01-17T13:35:24.5049252-07:00",
                "EndTime": null,
                "DailyRecurrencePeriod": 1,
                "WeeklyRecurrenceDays": [],
                "MonthlyRecurrenceMonths": [],
                "MonthlyRecurrenceDaysOfMonth": [],
                "MonthlyRecurrenceNthDay": 0,
                "MonthlyRecurrenceDaysOfWeek": [],
                "MinuteIntervalSize": null
        },
        "rowver": "AAAAAAQp8Q="
}
```

JobInstance

```
// JobInstance
{
    "JobInstanceID": 5430,
    "JobDefinitionID": 10,
    "Status": 2,
    "JobType": 4,
    "JobInput":
"{\"OrderedRecords\":[{\"TargetTableID\":4,\"RecordID\":16},{\"TargetTableID\":4,\"RecordID\":15},{\"TargetTableID\":4,\"RecordID\":14}],\"NotificationChannelID\":3,\"ExecutionSch
edule\":{\"Recurrence\":1,\"StartTime\":\"2018-01-17T13:35:24.5049252-
07:00\",\"EndTime\":null,\"DailyRecurrencePeriod\":1,\"WeeklyRecurrenceDays\":[],\"MonthlyRecurrenceMonths\":[],\"MonthlyRecurrenceDaysOfMonth\":[],\"MonthlyRecurrenceNthDay\":0,\
"MonthlyRecurrenceDaysOfWeek\":[],\"MinuteIntervalSize\":null}}",
```

```
        "JobOutput": "{\"MergedPdfFile\":{\"FileID\":\"379c1d44-126c-4cc6-b106-dba1ed30a9a7\",\"FileName\":\"20180117\\\\2018_01_17_13_35_28_0111.tmp\",\"SuggestedFilename\":\"Claims
Merge - Jan 17, 2018 135PM.pdf\",\"MimeType\":\"application/pdf\",\"Username\":\"viewcenter_services\",\"ExpirationDate\":\"2018-01-18T13:35:27.9708701-
07:00\",\"rowver\":\"AAAAAAAQp9E=\"},\"SuccessfulMergeCount\":3,\"MergeFailures\":[]}",
        "AgentID": null,
        "NotificationChannelID": 3,
        "StartTime": "2018-01-17T13:35:27.94",
        "EndTime": "2018-01-17T13:35:28.36",
        "TotalItemCount": 3,
        "CompletedItemCount": 3,
        "rowver": "AAAAAAAQp9I="
}
```

Webhook Received Message

```
{
 "TemplateType":"PdfMergeCompletion",
 "JobInstanceID":"5430",
 "TempFileID":"379c1d44-126c-4cc6-b106-dba1ed30a9a7",
 "SuccessCount":"3",
 "HasSuccess":"True",
 "FailureCount":"0",
 "ViewPdfLinkText":"Download zip",
 "ViewPdfLinkHref":"https://vcxtest.ica.azgov/tempfile/get/379c1d44-126c-4cc6-b106-dba1ed30a9a7",
 "HasFailure":"False",
 "ViewFailedLinkText":"",
 "ViewFailedLinkHref":"",
 "ViewCenterBaseUrl":"https://vcxtest.ica.azgov/",
 "TodayDate":"1/17/2018"
}

{
 "TemplateType":"ExportToZipCompletion",
 "JobInstanceID":"5429",
 "TempFileID":"531a4cc4-dc8a-4bd3-8884-1e9e93ce6d8f",
 "SuccessCount":"4",
 "FailureCount":"0",
 "HasSuccess":"True",
 "HasFailure":"False",
 "DownloadZipLinkText":"Download zip",
 "DownloadZipLinkHref":"https://vcxtest.ica.azgov/tempfile/get/531a4cc4-dc8a-4bd3-8884-1e9e93ce6d8f",
 "ViewFailedLinkText":"",
 "ViewFailedLinkHref":"",
 "ViewCenterBaseUrl":"https://vcxtest.ica.azgov/",
 "TodayDate":"1/16/2018"
}
```

Submission of PDFMerge or ExportToZip Scenario

```
-----------------------------------------------------------------------------------------------
-- STEP 1 - API Submission of Export to Zip, returned JobDefinitionID is unique tracker
-----------------------------------------------------------------------------------------------
METHOD     : POST
URL        : http://localhost:54032/api/claims/20171214-ICM/exporttozip
REQUEST BODY:
{
       "SelectionType": "ByDocumentNumber",
       "DocumentNumbers": ["10000257", "123213", "10000256"]
```

```
        }
RESPONSE BODY:
{
    "JobDefinitionID": 11,
    "Username": "viewcenter_services",
    "JobType": 3,
    "JobInput": "{\"TargetRecordIDs\":[16,15,14],\"TargetTableID\":4,\"IncludeParentRecord\":true,
                \"IncludeParentRecordFileAttachment\":false,\"IncludeTargetRecordFileAttachment\":true,
                \"ProjectedTargetRecordFieldIDs\":[7,8,9,10,11,12],\"ProjectedParentRecordFieldIDs\":[6],
                \"DataFileType\":0,\"DataFileDelimiterType\":1,\"CustomDataFileDelimiter\":null,
                \"NotificationChannelID\":3,\"ExecutionSchedule\":{\"Recurrence\":1,\"StartTime\":\"2018-01-17T15:20:36.3626449-07:00\",
                \"EndTime\":null,\"DailyRecurrencePeriod\":1,\"WeeklyRecurrenceDays\":[],\"MonthlyRecurrenceMonths\":[],
                \"MonthlyRecurrenceDaysOfMonth\":[],\"MonthlyRecurrenceNthDay\":0,\"MonthlyRecurrenceDaysOfWeek\":[],
                \"MinuteIntervalSize\":null},\"RecordsToExportOption\":0,\"TopMatchingRecordCount\":null,
                \"DataExportOption\":0,\"UseEncryption\":false,\"Password\":null,\"SearchCriteriaGroups\":[]}",
    "Status": 0,
    "NotificationChannelID": 3,
    "ExecutionSchedule": {
        "Recurrence": 1,
        "StartTime": "2018-01-17T15:20:36.3626449-07:00",
        "EndTime": null,
        "DailyRecurrencePeriod": 1,
        "WeeklyRecurrenceDays": [],
        "MonthlyRecurrenceMonths": [],
        "MonthlyRecurrenceDaysOfMonth": [],
        "MonthlyRecurrenceNthDay": 0,
        "MonthlyRecurrenceDaysOfWeek": [],
        "MinuteIntervalSize": null
    },
    "rowver": "AAAAAAAQqDU="
}


--------------------------------------------------------------------------------
-- STEP 2 - Store submission in Salesforce
--------------------------------------------------------------------------------
Save submitting userid and JobDefinitionID

--------------------------------------------------------------------------------
-- STEP 3 - Webhook endpoint receives message (after creation of export is complete)
--------------------------------------------------------------------------------
INCOMING BODY:
{
 "TemplateType":"ExportToZipCompletion",
 "JobInstanceID":"5431",
 "TempFileID":"682a61dd-d910-4b77-a443-f5073347b73e",
 "SuccessCount":"4",
 "FailureCount":"0",
 "HasSuccess":"True",
 "HasFailure":"False",
 "DownloadZipLinkText":"Download zip",
 "DownloadZipLinkHref":"https://vcxtest.ica.azgov/tempfile/get/682a61dd-d910-4b77-a443-f5073347b73e",
 "ViewFailedLinkText":"",
 "ViewFailedLinkHref":"",
 "ViewCenterBaseUrl":"https://vcxtest.ica.azgov/",
 "TodayDate":"1/17/2018"
}
```

```
--------------------------------------------------------------------------------
-- STEP 4 - Query API about JobInstance to get JobDefinition ID
--------------------------------------------------------------------------------
METHOD    : GET
URL       : http://localhost:54032/api/job/instance/5431
REQUEST BODY:
N/A
RESPONSE BODY:
{
    "JobInstanceID": 5431,
    "JobDefinitionID": 11,
    "Status": 2,
    "JobType": 3,
    "JobInput":
"{\"TargetRecordIDs\":[16,15,14],\"TargetTableID\":4,\"IncludeParentRecord\":true,\"IncludeParentRecordFileAttachment\":false,\"IncludeTargetRecordFileAttachment\":true,\"Projecte
dTargetRecordFieldIDs\":[7,8,9,10,11,12],\"ProjectedParentRecordFieldIDs\":[6],\"DataFileType\":0,\"DataFileDelimiterType\":1,\"CustomDataFileDelimiter\":null,\"NotificationChanne
lID\":3,\"ExecutionSchedule\":{\"Recurrence\":1,\"StartTime\":\"2018-01-17T15:20:36.3626449-
07:00\",\"EndTime\":null,\"DailyRecurrencePeriod\":1,\"WeeklyRecurrenceDays\":[],\"MonthlyRecurrenceMonths\":[],\"MonthlyRecurrenceDaysOfMonth\":[],\"MonthlyRecurrenceNthDay\":0,\
"MonthlyRecurrenceDaysOfWeek\":[],\"MinuteIntervalSize\":null},\"RecordsToExportOption\":0,\"TopMatchingRecordCount\":null,\"DataExportOption\":0,\"UseEncryption\":false,\"Passwor
d\":null,\"SearchCriteriaGroups\":[]}",
    "JobOutput": "{\"ZipExportFile\":{\"FileID\":\"682a61dd-d910-4b77-a443-f5073347b73e\",\"FileName\":\"20180117\\\\2018_01_17_15_20_38_0663.tmp\",\"SuggestedFilename\":\"Claims
Export - Jan 17, 2018 320PM.zip\",\"MimeType\":\"application/zip\",\"Username\":\"viewcenter_services\",\"ExpirationDate\":\"2018-01-27T15:20:38.6632595-
07:00\",\"rowver\":\"AAAAAAAQqEI=\"},\"SuccessfulExportCount\":4,\"ExportFailures\":[]}",
    "AgentID": null,
    "NotificationChannelID": 3,
    "StartTime": "2018-01-17T15:20:38.397",
    "EndTime": "2018-01-17T15:20:38.757",
    "TotalItemCount": 4,
    "CompletedItemCount": 4,
    "rowver": "AAAAAAAQqEM="
}

--------------------------------------------------------------------------------
-- STEP 5 - Query Salesforce for submitting user, by JobDefinitionID lookup
--------------------------------------------------------------------------------
Using JobDefinitionID from STEP 4, find the submitting SalesForce user and notify them their export
is ready for download.

--------------------------------------------------------------------------------
-- STEP 6 - Use TempFileID to retrieve their file
--------------------------------------------------------------------------------
METHOD    : GET
URL       : http://localhost:54032/api/generatedfiles/682a61dd-d910-4b77-a443-f5073347b73e/attachment
REQUEST BODY:
N/A
RESPONSE BODY:
application/octet-stream (of the .ZIP file)
```