

GIER API DOCUMENTATION

POST

```
/rest/GIER/activateInactivateChassis.do
```

This API gives user an ability to **ACTIVATE** chassis by providing required parameters. It also allows users to activate multiple chassis as well the same time. Please see input parameters, sample request and response from below.

```
{
  "equipmentDetailsList": [
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number"
    },
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number"
    }
  ],
  "accessToken": "Your Access Token",
  "actionType": "Provide ActionType as 'a'"
}
```

Field	Type	Required	Description
eqPrefix	String	M	Equipment Prefix
eqNumber	String	M	Equipment Number
actionType	String	M	Here action type must be 'a'
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.

Field	Type	Description
code	Number	Response code (4=ok)
type	String	Response type can be of error, warning, info, ok
message	String	

Specific Message about operation success.

```
{
  "code": 4,
  "type": "ok",
  "message": "SUCCESS"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>SUCCESS</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2= warning, 3= info, 4= ok)
type	String	Response type can be of error,warning, info, ok
message	String	-
apiReqErrors	String	error: 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
```

```
"code": 1,
"type": "error",
"message": "",
"apiReqErrors": {
  "errors": [
    {
      "transNum": 1,
      "errorCategory": "Validation Error(s)",
      "errorMessage": "Equipment Number should not be more than 6 characters"
    },
    {
      "transNum": 2,
      "errorCategory": "Business Error(s)",
      "errorMessage": "Cannot activate active equipment."
    }
  ]
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Equipment Number should not be more than 6 characters</ERRORMESSAGE>
    </ERRORS>
    <ERRORS>
      <TRANSNUM>2</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Cannot activate active equipment</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

```
/rest/GIER/manageChassis.do
```

This API creates new Chassis by providing required parameters. Please see input parameters, sample request and response from below.

```
{
  "accessToken" : "Your Access Token",
  "ownerScac" : "Provide Owner SCAC",
  "equipmentPrefix" : "Provide Equipment Prefix",
  "equipmentNumber" : "Provide Equipment Number",
  "checkDigit" : "Provide Check Digit",
  "lesseeScac" : "Provide Lessee Scac",
  "vin" : "Provide Vin",
  "yearBuilt" : "Provide Year Built",
  "yearRebuilt" : "Provide Year Rebuilt",
  "licenseState" : "Provide License State",
  "licensePlateNo" : "Provide License Plate Number",
  "licensePlateExpire" : "Provide License Plate Expire date in MM/YYYY format",
  "inspectionDate" : "Provide Inspection date in MM/YYYY format",
  "remarkPreEqPrefix" : "Provide Previous Equipment Prefix",
  "remarkPreEqNumber" : "Provide Previous Equipment Number",
  "remarkRemanufacturingDate" : "Provide Remanufacturing Date",
  "remarkRemanufacturingFlag" : "Provide Remanufacturing Flag",
  "outsideLength" : "Provide Outside Length",
  "tareWeight" : "Provide Tare Weight",
  "loadLimit" : "Provide Load Limit",
  "inspectionType" : "Provide Inspection Type",
  "chassisPoolId" : "Provide Chassis Pool Id",
  "fmcsaAnnualLastInspDate" : "Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format",
  "bitLastInspDate" : "Provide BIT Last Inspection Date in MM/DD/YYYY format",
  "tireSize" : "Provide Tire Size",
  "tireType" : "Provide Tire Type",
  "axleCount" : "Provide Axle Count",
  "absBrakes" : "Provide ABS Brakes",
  "automaticTireInflation" : "Provide Automatic Tire Inflation",
  "ledLights" : "Provide Led Lights",
  "effectiveDate" : "Provide Effective Date in MM/DD/YYYY format",
  "effectiveTime" : "Provide Effective Time in mm/ss",
  "categoryCode" : "Provide Category Code",
  "licenseCountry" : "Provide License Country"
}
```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix should be 4 characters long.

equipmentNumber	Number	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State must be two character State code
licensePlateNo	String	M	License Plate Number
licensePlateExpire	String (dd/MM/yyyy)	O	License plate expiration date
inspectionDate	String (dd/MM/yyyy)	O	Inspection date
remarkPreEqPrefix	String (4 char)	C	If the remark flag is present, the previous equipment prefix is mandatory.
remarkPreEqNumber	Number	C	If the remark flag is present, the previous equipment number is mandatory
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
remarkRemanufacturingDate	String (dd/MM/yyyy)	C	If the remark flag is 'Y', the Remanufacturing Date is mandatory
outsideLength	Number	M	Outside Length must be 2 digits
tareWeight	Number	M	Tare Weight
loadLimit	Number	M	Load Limit
inspectionType	String	C	If the last inspection date is entered then an inspection type must be specified and if the last inspection date is not present then the inspection type must not be stated
chassisPoolId	String	M	Chassis Pool Id

fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	O	ABS Brakes should be YES Or NO
automaticTireInflation	String	O	Automatic tire inflation should be YES Or NO
ledLights	String	O	LED Lights should be YES Or NO
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time
categoryCode	String	M	Category Code
licenseCountry	String	M	License Country must be from the list - US, USA, CAN, CND, MX, MEX

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
```

}

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	-
apiReqErrors	String	error: 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```



```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

```
/rest/GIER/manageChassisWithFile.do
```

This API creates new Chassis by providing required parameters. It also allows to upload file for FMCSA and BIT. Please see input parameters, sample request and response from below.

```
<form method="post" enctype="multipart/form-data" action="/rest/GIER/manageChassisWithFile.do">  
  <input type="text" name="accessToken" value="Your Access Token" >  
  <input type="text" name="ownerScac" value="Provide Owner SCAC" >  
  <input type="text" name="equipmentPrefix" value="Provide Equipment Prefix">  
  <input type="text" name="equipmentNumber" value="Provide Equipment Number">  
  <input type="text" name="checkDigit" value="Provide Check Digit" >  
  <input type="text" name="lesseeScac" value="Provide Lessee Scac" >  
  <input type="text" name="vin" value="Provide Vin" >  
  <input type="text" name="yearBuilt" value="Provide Year Built" >  
  <input type="text" name="yearRebuilt" value="Provide Year Rebuilt" >  
  <input type="text" name="licenseState" value="Provide License State">  
  <input type="text" name="licensePlateNo" value="Provide License Plate Number" >  
  <input type="text" name="licensePlateExpire" value="Provide License Plate Expire date in MM/YYYY format">  
  <input type="text" name="inspectionDate" value="Provide Inspection date in MM/YYYY format" >  
  <input type="text" name="remarkPreEqPrefix" value="Provide Previous Equipment Prefix" >  
  <input type="text" name="remarkPreEqNumber" value="Provide Previous Equipment Number" >  
  <input type="text" name="remarkRemanufacturingDate" value="Provide Remanufacturing Date" >  
  <input type="text" name="remarkRemanufacturingFlag" value="Provide Remanufacturing Flag" >  
  <input type="text" name="outsideLength" value="Provide Outside Length" >  
  <input type="text" name="tareWeight" value="Provide Tare Weight" >  
  <input type="text" name="loadLimit" value="Provide Load Limit" >  
  <input type="text" name="inspectionType" value="Provide Inspection Type" >  
  <input type="text" name="chassisPoolId" value="Provide Chassis Pool Id" >  
  <input type="text" name="fmcsaAnnualLastInspDate" value="Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format">  
  <input type="text" name="bitLastInspDate" value="Provide BIT Last Inspection Date in MM/DD/YYYY format" >  
  <input type="text" name="tireSize" value="Provide Tire Size" >  
  <input type="text" name="tireType" value="Provide Tire Type" >  
  <input type="text" name="axleCount" value="Provide Axle Count" >  
  <input type="text" name="absBrakes" value="Provide ABS Brakes" >
```

```

<input type="text" name="automaticTireInflation" value="Provide Automatic Tire Inflation">
<input type="text" name="ledLights" value="Provide Led Lights">
<input type="text" name="effectiveDate" value="Provide Effective Date in MM/DD/YYYY format">
<input type="text" name="effectiveTime" value="Provide Effective Time in mm/ss">
<input type="text" name="categoryCode" value="Provide Category Code">
<input type="text" name="licenseCountry" value="Provide License Country">
<input type="file" name="fmcsaFile">
<input type="file" name="bitFile">
<input type="submit" value="submit" name="submit">
</form>

```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix.
equipmentNumber	String	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State
licensePlateNo	String (3 char)	M	License Plate Number
licensePlateExpire	String	M	License Plate Expire
inspectionDate	String	M	

			Inspection date
remarkPreEqPrefix	String	M	Previous Equipment Prefix
remarkPreEqNumber	String	M	Previous Equipment Number
remarkRemanufacturingDate	String	M	Remanufacturing Date
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
outsideLength	String	M	Outside Length
tareWeight	String	M	Tare Weight
loadLimit	String	M	Load Limit
inspectionType	String	M	Inspection Type
chassisPoolId	String	M	Chassis Pool Id
fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	M	ABS Brakes
automaticTireInflation	String	M	Automatic Tire Inflation
ledLights	String	M	Led Lights
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time

categoryCode	String	M	Category Code
licenseCountry	String	M	License Country
fmcsaFile	File	O	FMCSA File in pdf format
bitFile	File	O	BIT File in pdf format

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok

message	String	-
apiReqErrors	String	<p>error:</p> <p>1) errorCategory: = Validation Error/ Business Error/ Server Error.</p> <p>2) errorMessage: = Specific Message based on errorCategory.</p>

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

/rest/GIER/chassisTOC.do

This API gives user an ability to do chassis TOC by providing required parameters. It also allows users to do TOC on chassis as well the same time. Please see input parameters, sample request and response from below.

```
{
  "chassisTOCList": [
    {
      "equipmentPrefix": "Provide Equipment Prefix",
      "equipmentNumber": "Provide Equipment Number"
    },
    {
      "equipmentPrefix": "Provide Equipment Prefix",
      "equipmentNumber": "Provide Equipment Number"
    }
  ],
  "accessToken": "Your Access Token",
  "newIepUSDot": "Provide New IEP US DOT Number",
  "newIepScac": "Provide New IEP SCAC",
  "tocDate": "Provide TOC Date",
  "tocTime": "Provide TOC Time(hh:mm)",
  "reason": "Provide Reason",
  "chassisPoolId": "Provide Chassis Pool Id"
}
```

Field	Type	Required	Description
equipmentPrefix	String	M	Equipment Prefix.
equipmentNumber	String	M	Equipment Number
newIepUSDot	Number	O	New IEP US DOT Number And New IEP SCAC should not blank
newIepScac	String	O	New IEP SCAC And New IEP US DOT Number should not blank
tocDate	String	M	Date of TOC(mm/dd/yyyy)
tocTime	String	M	Time of TOC(hh:mm)
reason	String	C	Reason for TOC

chassisPoolId	String	O	Chassis POOL Id
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.

Field	Type	Description
code	Number	Response code (4=ok)
type	String	Response type can be of error, warning, info, ok
message	String	Specific Message about operation success.

```
{
  "code": 4,
  "type": "ok",
  "message": "SUCCESS"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>SUCCESS</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2= warning, 3= info, 4= ok)
type	String	Response type can be of error,warning, info, ok
message	String	

		-
apiReqErrors	String	<p>error:</p> <ol style="list-style-type: none"> 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Business Error(s)",
        "errorMessage": "The equipment already has an active TOC pending."
      },
      {
        "transNum": 2,
        "errorCategory": "Business Error(s)",
        "errorMessage": "Equipment prefix and number is not valid with this user to perform TOC,Equipment Prefix Or Number is invalid"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>The equipment already has an active TOC pending.</ERRORMESSAGE>
    </ERRORS>
    <ERRORS>
      <TRANSNUM>2</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Equipment prefix and number is not valid with this user to perform TOC,Equipment Prefix Or Number is invalid</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

```
</APIREQERRORS>  
</APIRESPONSE>
```

POST

```
/rest/GIER/activateInactivateChassis.do
```

This API gives user an ability to **INACTIVATE** chassis by providing required parameters. It also allows users to inactivate multiple chassis as well the same time. Please see input parameters, sample request and response from below.

```
{
  "equipmentDetailsList": [
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number",
      "code": "Provide Code",
      "reason": "Provide Reason for inactivate"
    },
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number",
      "code": "Provide Code",
      "reason": "Provide Reason for inactivate"
    }
  ],
  "accessToken": "Your Access Token",
  "actionType": "Provide ActionType as 'i' "
}
```

Field	Type	Required	Description
eqPrefix	String	M	Equipment Prefix
eqNumber	String	M	Equipment Number
code	String	M	Code should be among Lost/ Stolen/ Destroyed/ Sold/ Terminated/ Other/ Hold
reason	String	C	Reason compulsory if code value is 'Other'
actionType	String	M	Here action type must be 'i'
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.

Field	Type	Description
code	Number	Response code (4=ok)
type	String	Response type can be of error, warning, info, ok
message	String	Specific Message about operation success.

```
{
  "code": 4,
  "type": "ok",
  "message": "SUCCESS"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>SUCCESS</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2= warning, 3= info, 4= ok)
type	String	Response type can be of error,warning, info, ok
message	String	-
apiReqErrors	String	error:

1) errorCategory: = Validation Error/ Business Error/ Server Error.

2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "Equipment Number should be in numeric only"
      },
      {
        "transNum": 2,
        "errorCategory": "Business Error(s)",
        "errorMessage": "Cannot inactivate inactive equipments"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Equipment Number should be in numeric only</ERRORMESSAGE>
    </ERRORS>
    <ERRORS>
      <TRANSNUM>2</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Cannot inactivate inactive equipments</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

```
/rest/GIER/manageChassis.do
```

This API update existing Chassis by providing required parameters. Please see input parameters, sample request and response from below.

```
{
  "accessToken" : "Your Access Token",
  "ownerScac" : "Provide Owner SCAC",
  "equipmentPrefix" : "Provide Equipment Prefix",
  "equipmentNumber" : "Provide Equipment Number",
  "checkDigit" : "Provide Check Digit",
  "lesseeScac" : "Provide Lessee Scac",
  "vin" : "Provide Vin",
  "yearBuilt" : "Provide Year Built",
  "yearRebuilt" : "Provide Year Rebuilt",
  "licenseState" : "Provide License State",
  "licensePlateNo" : "Provide License Plate Number",
  "licensePlateExpire" : "Provide License Plate Expire date in MM/YYYY format",
  "inspectionDate" : "Provide Inspection date in MM/YYYY format",
  "remarkPreEqPrefix" : "Provide Previous Equipment Prefix",
  "remarkPreEqNumber" : "Provide Previous Equipment Number",
  "remarkRemanufacturingDate" : "Provide Remanufacturing Date",
  "remarkRemanufacturingFlag" : "Provide Remanufacturing Flag",
  "outsideLength" : "Provide Outside Length",
  "tareWeight" : "Provide Tare Weight",
  "loadLimit" : "Provide Load Limit",
  "inspectionType" : "Provide Inspection Type",
  "chassisPoolId" : "Provide Chassis Pool Id",
  "fmcsaAnnualLastInspDate" : "Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format",
  "bitLastInspDate" : "Provide BIT Last Inspection Date in MM/DD/YYYY format",
  "tireSize" : "Provide Tire Size",
  "tireType" : "Provide Tire Type",
  "axleCount" : "Provide Axle Count",
  "absBrakes" : "Provide ABS Brakes",
  "automaticTireInflation" : "Provide Automatic Tire Inflation",
  "ledLights" : "Provide Led Lights",
  "effectiveDate" : "Provide Effective Date in MM/DD/YYYY format",
  "effectiveTime" : "Provide Effective Time in mm/ss",
  "categoryCode" : "Provide Category Code",
  "licenseCountry" : "Provide License Country"
}
```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix should be 4 characters long.

equipmentNumber	Number	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State must be two character State code
licensePlateNo	String	M	License Plate Number
licensePlateExpire	String (dd/MM/yyyy)	O	License plate expiration date
inspectionDate	String (dd/MM/yyyy)	O	Inspection date
remarkPreEqPrefix	String (4 char)	C	If the remark flag is present, the previous equipment prefix is mandatory.
remarkPreEqNumber	Number	C	If the remark flag is present, the previous equipment number is mandatory
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
remarkRemanufacturingDate	String (dd/MM/yyyy)	C	If the remark flag is 'Y', the Remanufacturing Date is mandatory
outsideLength	Number	M	Outside Length must be 2 digits
tareWeight	Number	M	Tare Weight
loadLimit	Number	M	Load Limit
inspectionType	String	C	If the last inspection date is entered then an inspection type must be specified and if the last inspection date is not present then the inspection type must not be stated
chassisPoolId	String	M	Chassis Pool Id

fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	O	ABS Brakes should be YES Or NO
automaticTireInflation	String	O	Automatic tire inflation should be YES Or NO
ledLights	String	O	LED Lights should be YES Or NO
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time
categoryCode	String	M	Category Code
licenseCountry	String	M	License Country must be from the list - US, USA, CAN, CND, MX, MEX

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
```


}

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	-
apiReqErrors	String	error: 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

```
/rest/GIER/manageChassisWithFile.do
```

This API update existing Chassis by providing required parameters. It also allows to upload file for FMCSA and BIT. Please see input parameters, sample request and response from below.

```
<form method="post" enctype="multipart/form-data" action="/rest/GIER/manageChassisWithFile.do">  
  <input type="text" name="accessToken" value="Your Access Token" >  
  <input type="text" name="ownerScac" value="Provide Owner SCAC" >  
  <input type="text" name="equipmentPrefix" value="Provide Equipment Prefix">  
  <input type="text" name="equipmentNumber" value="Provide Equipment Number">  
  <input type="text" name="checkDigit" value="Provide Check Digit" >  
  <input type="text" name="lesseeScac" value="Provide Lessee Scac" >  
  <input type="text" name="vin" value="Provide Vin" >  
  <input type="text" name="yearBuilt" value="Provide Year Built" >  
  <input type="text" name="yearRebuilt" value="Provide Year Rebuilt" >  
  <input type="text" name="licenseState" value="Provide License State">  
  <input type="text" name="licensePlateNo" value="Provide License Plate Number" >  
  <input type="text" name="licensePlateExpire" value="Provide License Plate Expire date in MM/YYYY format">  
  <input type="text" name="inspectionDate" value="Provide Inspection date in MM/YYYY format" >  
  <input type="text" name="remarkPreEqPrefix" value="Provide Previous Equipment Prefix" >  
  <input type="text" name="remarkPreEqNumber" value="Provide Previous Equipment Number" >  
  <input type="text" name="remarkRemanufacturingDate" value="Provide Remanufacturing Date" >  
  <input type="text" name="remarkRemanufacturingFlag" value="Provide Remanufacturing Flag" >  
  <input type="text" name="outsideLength" value="Provide Outside Length" >  
  <input type="text" name="tareWeight" value="Provide Tare Weight" >  
  <input type="text" name="loadLimit" value="Provide Load Limit" >  
  <input type="text" name="inspectionType" value="Provide Inspection Type" >  
  <input type="text" name="chassisPoolId" value="Provide Chassis Pool Id" >  
  <input type="text" name="fmcsaAnnualLastInspDate" value="Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format">  
  <input type="text" name="bitLastInspDate" value="Provide BIT Last Inspection Date in MM/DD/YYYY format" >  
  <input type="text" name="tireSize" value="Provide Tire Size" >  
  <input type="text" name="tireType" value="Provide Tire Type" >  
  <input type="text" name="axleCount" value="Provide Axle Count" >  
  <input type="text" name="absBrakes" value="Provide ABS Brakes" >
```

```

<input type="text" name="automaticTireInflation" value="Provide Automatic Tire Inflation">
<input type="text" name="ledLights" value="Provide Led Lights">
<input type="text" name="effectiveDate" value="Provide Effective Date in MM/DD/YYYY format">
<input type="text" name="effectiveTime" value="Provide Effective Time in mm/ss">
<input type="text" name="categoryCode" value="Provide Category Code">
<input type="text" name="licenseCountry" value="Provide License Country">
<input type="file" name="fmcsaFile">
<input type="file" name="bitFile">
<input type="submit" value="submit" name="submit">
</form>

```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix.
equipmentNumber	String	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State
licensePlateNo	String (3 char)	M	License Plate Number
licensePlateExpire	String	M	License Plate Expire
inspectionDate	String	M	

			Inspection date
remarkPreEqPrefix	String	M	Previous Equipment Prefix
remarkPreEqNumber	String	M	Previous Equipment Number
remarkRemanufacturingDate	String	M	Remanufacturing Date
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
outsideLength	String	M	Outside Length
tareWeight	String	M	Tare Weight
loadLimit	String	M	Load Limit
inspectionType	String	M	Inspection Type
chassisPoolId	String	M	Chassis Pool Id
fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	M	ABS Brakes
automaticTireInflation	String	M	Automatic Tire Inflation
ledLights	String	M	Led Lights
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time

categoryCode	String	M	Category Code
licenseCountry	String	M	License Country
fmcsaFile	File	O	FMCSA File in pdf format
bitFile	File	O	BIT File in pdf format

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok

message	String	-
apiReqErrors	String	<p>error:</p> <ol style="list-style-type: none"> 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

```
/rest/GIER/activateInactivateChassis.do
```

This API gives user an ability to **ACTIVATE** chassis by providing required parameters. It also allows users to activate multiple chassis as well the same time. Please see input parameters, sample request and response from below.

```
{
  "equipmentDetailsList": [
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number"
    },
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number"
    }
  ],
  "accessToken": "Your Access Token",
  "actionType": "Provide ActionType as 'a'"
}
```

Field	Type	Required	Description
eqPrefix	String	M	Equipment Prefix
eqNumber	String	M	Equipment Number
actionType	String	M	Here action type must be 'a'
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.

Field	Type	Description
code	Number	Response code (4=ok)
type	String	Response type can be of error, warning, info, ok
message	String	

Specific Message about operation success.

```
{
  "code": 4,
  "type": "ok",
  "message": "SUCCESS"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>SUCCESS</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2= warning, 3= info, 4= ok)
type	String	Response type can be of error,warning, info, ok
message	String	-
apiReqErrors	String	error: 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
```

```
"code": 1,
"type": "error",
"message": "",
"apiReqErrors": {
  "errors": [
    {
      "transNum": 1,
      "errorCategory": "Validation Error(s)",
      "errorMessage": "Equipment Number should not be more than 6 characters"
    },
    {
      "transNum": 2,
      "errorCategory": "Business Error(s)",
      "errorMessage": "Cannot activate active equipment."
    }
  ]
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Equipment Number should not be more than 6 characters</ERRORMESSAGE>
    </ERRORS>
    <ERRORS>
      <TRANSNUM>2</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Cannot activate active equipment</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

/rest/GIER/manageChassis.do

This API creates new Chassis by providing required parameters. Please see input parameters, sample request and response from below.

```
{
  "accessToken" : "Your Access Token",
  "ownerScac" : "Provide Owner SCAC",
  "equipmentPrefix" : "Provide Equipment Prefix",
  "equipmentNumber" : "Provide Equipment Number",
  "checkDigit" : "Provide Check Digit",
  "lesseeScac" : "Provide Lessee Scac",
  "vin" : "Provide Vin",
  "yearBuilt" : "Provide Year Built",
  "yearRebuilt" : "Provide Year Rebuilt",
  "licenseState" : "Provide License State",
  "licensePlateNo" : "Provide License Plate Number",
  "licensePlateExpire" : "Provide License Plate Expire date in MM/YYYY format",
  "inspectionDate" : "Provide Inspection date in MM/YYYY format",
  "remarkPreEqPrefix" : "Provide Previous Equipment Prefix",
  "remarkPreEqNumber" : "Provide Previous Equipment Number",
  "remarkRemanufacturingDate" : "Provide Remanufacturing Date",
  "remarkRemanufacturingFlag" : "Provide Remanufacturing Flag",
  "outsideLength" : "Provide Outside Length",
  "tareWeight" : "Provide Tare Weight",
  "loadLimit" : "Provide Load Limit",
  "inspectionType" : "Provide Inspection Type",
  "chassisPoolId" : "Provide Chassis Pool Id",
  "fmcsaAnnualLastInspDate" : "Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format",
  "bitLastInspDate" : "Provide BIT Last Inspection Date in MM/DD/YYYY format",
  "tireSize" : "Provide Tire Size",
  "tireType" : "Provide Tire Type",
  "axleCount" : "Provide Axle Count",
  "absBrakes" : "Provide ABS Brakes",
  "automaticTireInflation" : "Provide Automatic Tire Inflation",
  "ledLights" : "Provide Led Lights",
  "effectiveDate" : "Provide Effective Date in MM/DD/YYYY format",
  "effectiveTime" : "Provide Effective Time in mm/ss",
  "categoryCode" : "Provide Category Code",
  "licenseCountry" : "Provide License Country"
}
```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix should be 4 characters long.

equipmentNumber	Number	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State must be two character State code
licensePlateNo	String	M	License Plate Number
licensePlateExpire	String (dd/MM/yyyy)	O	License plate expiration date
inspectionDate	String (dd/MM/yyyy)	O	Inspection date
remarkPreEqPrefix	String (4 char)	C	If the remark flag is present, the previous equipment prefix is mandatory.
remarkPreEqNumber	Number	C	If the remark flag is present, the previous equipment number is mandatory
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
remarkRemanufacturingDate	String (dd/MM/yyyy)	C	If the remark flag is 'Y', the Remanufacturing Date is mandatory
outsideLength	Number	M	Outside Length must be 2 digits
tareWeight	Number	M	Tare Weight
loadLimit	Number	M	Load Limit
inspectionType	String	C	If the last inspection date is entered then an inspection type must be specified and if the last inspection date is not present then the inspection type must not be stated
chassisPoolId	String	M	Chassis Pool Id

fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	O	ABS Brakes should be YES Or NO
automaticTireInflation	String	O	Automatic tire inflation should be YES Or NO
ledLights	String	O	LED Lights should be YES Or NO
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time
categoryCode	String	M	Category Code
licenseCountry	String	M	License Country must be from the list - US, USA, CAN, CND, MX, MEX

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
```

}

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	-
apiReqErrors	String	error: 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

```
/rest/GIER/manageChassisWithFile.do
```

This API creates new Chassis by providing required parameters. It also allows to upload file for FMCSA and BIT. Please see input parameters, sample request and response from below.

```
<form method="post" enctype="multipart/form-data" action="/rest/GIER/manageChassisWithFile.do">
  <input type="text" name="accessToken" value="Your Access Token" >
  <input type="text" name="ownerScac" value="Provide Owner SCAC" >
  <input type="text" name="equipmentPrefix" value="Provide Equipment Prefix">
  <input type="text" name="equipmentNumber" value="Provide Equipment Number">
  <input type="text" name="checkDigit" value="Provide Check Digit" >
  <input type="text" name="lesseeScac" value="Provide Lessee Scac" >
  <input type="text" name="vin" value="Provide Vin">
  <input type="text" name="yearBuilt" value="Provide Year Built" >
  <input type="text" name="yearRebuilt" value="Provide Year Rebuilt" >
  <input type="text" name="licenseState" value="Provide License State">
  <input type="text" name="licensePlateNo" value="Provide License Plate Number" >
  <input type="text" name="licensePlateExpire" value="Provide License Plate Expire date in MM/YYYY format">
  <input type="text" name="inspectionDate" value="Provide Inspection date in MM/YYYY format" >
  <input type="text" name="remarkPreEqPrefix" value="Provide Previous Equipment Prefix">
  <input type="text" name="remarkPreEqNumber" value="Provide Previous Equipment Number">
  <input type="text" name="remarkRemanufacturingDate" value="Provide Remanufacturing Date">
  <input type="text" name="remarkRemanufacturingFlag" value="Provide Remanufacturing Flag">
  <input type="text" name="outsideLength" value="Provide Outside Length">
  <input type="text" name="tareWeight" value="Provide Tare Weight" >
  <input type="text" name="loadLimit" value="Provide Load Limit" >
  <input type="text" name="inspectionType" value="Provide Inspection Type">
  <input type="text" name="chassisPoolId" value="Provide Chassis Pool Id">
  <input type="text" name="fmcsaAnnualLastInspDate" value="Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format">
  <input type="text" name="bitLastInspDate" value="Provide BIT Last Inspection Date in MM/DD/YYYY format" >
  <input type="text" name="tireSize" value="Provide Tire Size">
  <input type="text" name="tireType" value="Provide Tire Type">
  <input type="text" name="axleCount" value="Provide Axle Count">
  <input type="text" name="absBrakes" value="Provide ABS Brakes">
```



```

<input type="text" name="automaticTireInflation" value="Provide Automatic Tire Inflation">
<input type="text" name="ledLights" value="Provide Led Lights">
<input type="text" name="effectiveDate" value="Provide Effective Date in MM/DD/YYYY format">
<input type="text" name="effectiveTime" value="Provide Effective Time in mm/ss">
<input type="text" name="categoryCode" value="Provide Category Code">
<input type="text" name="licenseCountry" value="Provide License Country">
<input type="file" name="fmcsaFile">
<input type="file" name="bitFile">
<input type="submit" value="submit" name="submit">
</form>

```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix.
equipmentNumber	String	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State
licensePlateNo	String (3 char)	M	License Plate Number
licensePlateExpire	String	M	License Plate Expire
inspectionDate	String	M	

			Inspection date
remarkPreEqPrefix	String	M	Previous Equipment Prefix
remarkPreEqNumber	String	M	Previous Equipment Number
remarkRemanufacturingDate	String	M	Remanufacturing Date
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
outsideLength	String	M	Outside Length
tareWeight	String	M	Tare Weight
loadLimit	String	M	Load Limit
inspectionType	String	M	Inspection Type
chassisPoolId	String	M	Chassis Pool Id
fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	M	ABS Brakes
automaticTireInflation	String	M	Automatic Tire Inflation
ledLights	String	M	Led Lights
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time

categoryCode	String	M	Category Code
licenseCountry	String	M	License Country
fmcsaFile	File	O	FMCSA File in pdf format
bitFile	File	O	BIT File in pdf format

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok

message	String	-
apiReqErrors	String	<p>error:</p> <ol style="list-style-type: none"> 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

```
/rest/GIER/chassisTOC.do
```

This API gives user an ability to do chassis TOC by providing required parameters. It also allows users to do TOC on chassis as well the same time. Please see input parameters, sample request and response from below.

```
{
  "chassisTOCList": [
    {
      "equipmentPrefix": "Provide Equipment Prefix",
      "equipmentNumber": "Provide Equipment Number"
    },
    {
      "equipmentPrefix": "Provide Equipment Prefix",
      "equipmentNumber": "Provide Equipment Number"
    }
  ],
  "accessToken": "Your Access Token",
  "newIepUSDot": "Provide New IEP US DOT Number",
  "newIepScac": "Provide New IEP SCAC",
  "tocDate": "Provide TOC Date",
  "tocTime": "Provide TOC Time(hh:mm)",
  "reason": "Provide Reason",
  "chassisPoolId": "Provide Chassis Pool Id"
}
```

Field	Type	Required	Description
equipmentPrefix	String	M	Equipment Prefix.
equipmentNumber	String	M	Equipment Number
newIepUSDot	Number	O	New IEP US DOT Number And New IEP SCAC should not blank
newIepScac	String	O	New IEP SCAC And New IEP US DOT Number should not blank
tocDate	String	M	Date of TOC(mm/dd/yyyy)
tocTime	String	M	Time of TOC(hh:mm)
reason	String	C	Reason for TOC

chassisPoolId	String	O	Chassis POOL Id
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.

Field	Type	Description
code	Number	Response code (4=ok)
type	String	Response type can be of error, warning, info, ok
message	String	Specific Message about operation success.

```
{
  "code": 4,
  "type": "ok",
  "message": "SUCCESS"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>SUCCESS</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2= warning, 3= info, 4= ok)
type	String	Response type can be of error,warning, info, ok
message	String	

		-
apiReqErrors	String	<p>error:</p> <ol style="list-style-type: none"> 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Business Error(s)",
        "errorMessage": "The equipment already has an active TOC pending."
      },
      {
        "transNum": 2,
        "errorCategory": "Business Error(s)",
        "errorMessage": "Equipment prefix and number is not valid with this user to perform TOC,Equipment Prefix Or Number is invalid"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>The equipment already has an active TOC pending.</ERRORMESSAGE>
    </ERRORS>
    <ERRORS>
      <TRANSNUM>2</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Equipment prefix and number is not valid with this user to perform TOC,Equipment Prefix Or Number is invalid</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

```
</APIREQERRORS>  
</APIRESPONSE>
```


POST

```
/rest/GIER/activateInactivateChassis.do
```

This API gives user an ability to **INACTIVATE** chassis by providing required parameters. It also allows users to inactivate multiple chassis as well the same time. Please see input parameters, sample request and response from below.

```
{
  "equipmentDetailsList": [
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number",
      "code": "Provide Code",
      "reason": "Provide Reason for inactivate"
    },
    {
      "eqPrefix": "Provide Equipment Prefix",
      "eqNumber": "Provide Equipment Number",
      "code": "Provide Code",
      "reason": "Provide Reason for inactivate"
    }
  ],
  "accessToken": "Your Access Token",
  "actionType": "Provide ActionType as 'i' "
}
```

Field	Type	Required	Description
eqPrefix	String	M	Equipment Prefix
eqNumber	String	M	Equipment Number
code	String	M	Code should be among Lost/ Stolen/ Destroyed/ Sold/ Terminated/ Other/ Hold
reason	String	C	Reason compulsory if code value is 'Other'
actionType	String	M	Here action type must be 'i'
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.

Field	Type	Description
code	Number	Response code (4=ok)
type	String	Response type can be of error, warning, info, ok
message	String	Specific Message about operation success.

```
{
  "code": 4,
  "type": "ok",
  "message": "SUCCESS"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>SUCCESS</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2= warning, 3= info, 4= ok)
type	String	Response type can be of error,warning, info, ok
message	String	-
apiReqErrors	String	error:

1) errorCategory: = Validation Error/ Business Error/ Server Error.

2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "Equipment Number should be in numeric only"
      },
      {
        "transNum": 2,
        "errorCategory": "Business Error(s)",
        "errorMessage": "Cannot inactivate inactive equipments"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Equipment Number should be in numeric only</ERRORMESSAGE>
    </ERRORS>
    <ERRORS>
      <TRANSNUM>2</TRANSNUM>
      <ERRORCATEGORY>Business Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>Cannot inactivate inactive equipments</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```

POST

/rest/GIER/manageChassis.do

This API update existing Chassis by providing required parameters. Please see input parameters, sample request and response from below.

```
{
  "accessToken" : "Your Access Token",
  "ownerScac" : "Provide Owner SCAC",
  "equipmentPrefix" : "Provide Equipment Prefix",
  "equipmentNumber" : "Provide Equipment Number",
  "checkDigit" : "Provide Check Digit",
  "lesseeScac" : "Provide Lessee Scac",
  "vin" : "Provide Vin",
  "yearBuilt" : "Provide Year Built",
  "yearRebuilt" : "Provide Year Rebuilt",
  "licenseState" : "Provide License State",
  "licensePlateNo" : "Provide License Plate Number",
  "licensePlateExpire" : "Provide License Plate Expire date in MM/YYYY format",
  "inspectionDate" : "Provide Inspection date in MM/YYYY format",
  "remarkPreEqPrefix" : "Provide Previous Equipment Prefix",
  "remarkPreEqNumber" : "Provide Previous Equipment Number",
  "remarkRemanufacturingDate" : "Provide Remanufacturing Date",
  "remarkRemanufacturingFlag" : "Provide Remanufacturing Flag",
  "outsideLength" : "Provide Outside Length",
  "tareWeight" : "Provide Tare Weight",
  "loadLimit" : "Provide Load Limit",
  "inspectionType" : "Provide Inspection Type",
  "chassisPoolId" : "Provide Chassis Pool Id",
  "fmcsaAnnualLastInspDate" : "Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format",
  "bitLastInspDate" : "Provide BIT Last Inspection Date in MM/DD/YYYY format",
  "tireSize" : "Provide Tire Size",
  "tireType" : "Provide Tire Type",
  "axleCount" : "Provide Axle Count",
  "absBrakes" : "Provide ABS Brakes",
  "automaticTireInflation" : "Provide Automatic Tire Inflation",
  "ledLights" : "Provide Led Lights",
  "effectiveDate" : "Provide Effective Date in MM/DD/YYYY format",
  "effectiveTime" : "Provide Effective Time in mm/ss",
  "categoryCode" : "Provide Category Code",
  "licenseCountry" : "Provide License Country"
}
```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix should be 4 characters long.

equipmentNumber	Number	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State must be two character State code
licensePlateNo	String	M	License Plate Number
licensePlateExpire	String (dd/MM/yyyy)	O	License plate expiration date
inspectionDate	String (dd/MM/yyyy)	O	Inspection date
remarkPreEqPrefix	String (4 char)	C	If the remark flag is present, the previous equipment prefix is mandatory.
remarkPreEqNumber	Number	C	If the remark flag is present, the previous equipment number is mandatory
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
remarkRemanufacturingDate	String (dd/MM/yyyy)	C	If the remark flag is 'Y', the Remanufacturing Date is mandatory
outsideLength	Number	M	Outside Length must be 2 digits
tareWeight	Number	M	Tare Weight
loadLimit	Number	M	Load Limit
inspectionType	String	C	If the last inspection date is entered then an inspection type must be specified and if the last inspection date is not present then the inspection type must not be stated
chassisPoolId	String	M	Chassis Pool Id

fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	O	ABS Brakes should be YES Or NO
automaticTireInflation	String	O	Automatic tire inflation should be YES Or NO
ledLights	String	O	LED Lights should be YES Or NO
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time
categoryCode	String	M	Category Code
licenseCountry	String	M	License Country must be from the list - US, USA, CAN, CND, MX, MEX

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
```

}

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	-
apiReqErrors	String	error: 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```


POST

```
/rest/GIER/manageChassisWithFile.do
```

This API update existing Chassis by providing required parameters. It also allows to upload file for FMCSA and BIT. Please see input parameters, sample request and response from below.

```
<form method="post" enctype="multipart/form-data" action="/rest/GIER/manageChassisWithFile.do">  
  <input type="text" name="accessToken" value="Your Access Token" >  
  <input type="text" name="ownerScac" value="Provide Owner SCAC" >  
  <input type="text" name="equipmentPrefix" value="Provide Equipment Prefix">  
  <input type="text" name="equipmentNumber" value="Provide Equipment Number">  
  <input type="text" name="checkDigit" value="Provide Check Digit" >  
  <input type="text" name="lesseeScac" value="Provide Lessee Scac" >  
  <input type="text" name="vin" value="Provide Vin">  
  <input type="text" name="yearBuilt" value="Provide Year Built" >  
  <input type="text" name="yearRebuilt" value="Provide Year Rebuilt" >  
  <input type="text" name="licenseState" value="Provide License State">  
  <input type="text" name="licensePlateNo" value="Provide License Plate Number" >  
  <input type="text" name="licensePlateExpire" value="Provide License Plate Expire date in MM/YYYY format">  
  <input type="text" name="inspectionDate" value="Provide Inspection date in MM/YYYY format" >  
  <input type="text" name="remarkPreEqPrefix" value="Provide Previous Equipment Prefix" >  
  <input type="text" name="remarkPreEqNumber" value="Provide Previous Equipment Number" >  
  <input type="text" name="remarkRemanufacturingDate" value="Provide Remanufacturing Date" >  
  <input type="text" name="remarkRemanufacturingFlag" value="Provide Remanufacturing Flag" >  
  <input type="text" name="outsideLength" value="Provide Outside Length" >  
  <input type="text" name="tareWeight" value="Provide Tare Weight" >  
  <input type="text" name="loadLimit" value="Provide Load Limit" >  
  <input type="text" name="inspectionType" value="Provide Inspection Type" >  
  <input type="text" name="chassisPoolId" value="Provide Chassis Pool Id" >  
  <input type="text" name="fmcsaAnnualLastInspDate" value="Provide FMCSA Annual Last Inspection Date in MM/DD/YYYY format">  
  <input type="text" name="bitLastInspDate" value="Provide BIT Last Inspection Date in MM/DD/YYYY format" >  
  <input type="text" name="tireSize" value="Provide Tire Size" >  
  <input type="text" name="tireType" value="Provide Tire Type" >  
  <input type="text" name="axleCount" value="Provide Axle Count" >  
  <input type="text" name="absBrakes" value="Provide ABS Brakes" >
```

```

<input type="text" name="automaticTireInflation" value="Provide Automatic Tire Inflation">
<input type="text" name="ledLights" value="Provide Led Lights">
<input type="text" name="effectiveDate" value="Provide Effective Date in MM/DD/YYYY format">
<input type="text" name="effectiveTime" value="Provide Effective Time in mm/ss">
<input type="text" name="categoryCode" value="Provide Category Code">
<input type="text" name="licenseCountry" value="Provide License Country">
<input type="file" name="fmcsaFile">
<input type="file" name="bitFile">
<input type="submit" value="submit" name="submit">
</form>

```

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
ownerScac	String	M	Owner SCAC
equipmentPrefix	String	M	Equipment Prefix.
equipmentNumber	String	M	Equipment Number
checkDigit	Number	O	Check Digit
lesseeScac	String	O	Lessee Scac
vin	String	O	The VIN number must be 17 characters and cannot contain spaces
yearBuilt	Number	M	Year Built
yearRebuilt	String	O	Year Rebuilt
licenseState	String (2 char)	M	License State
licensePlateNo	String (3 char)	M	License Plate Number
licensePlateExpire	String	M	License Plate Expire
inspectionDate	String	M	

			Inspection date
remarkPreEqPrefix	String	M	Previous Equipment Prefix
remarkPreEqNumber	String	M	Previous Equipment Number
remarkRemanufacturingDate	String	M	Remanufacturing Date
remarkRemanufacturingFlag	String	O	Remanufacturing Flag
outsideLength	String	M	Outside Length
tareWeight	String	M	Tare Weight
loadLimit	String	M	Load Limit
inspectionType	String	M	Inspection Type
chassisPoolId	String	M	Chassis Pool Id
fmcsaAnnualLastInspDate	String	M	FMCSA Annual Last Inspection Date
bitLastInspDate	String	M	BIT Last Inspection Date
tireSize	String	M	Tire Size
tireType	String	M	Tire Type
axleCount	String	M	Axle Count
absBrakes	String	M	ABS Brakes
automaticTireInflation	String	M	Automatic Tire Inflation
ledLights	String	M	Led Lights
effectiveDate	String	M	Effective Date
effectiveTime	String	M	Effective Time

categoryCode	String	M	Category Code
licenseCountry	String	M	License Country
fmcsaFile	File	O	FMCSA File in pdf format
bitFile	File	O	BIT File in pdf format

Field	Type	Description
code	Number	Response code (4 =ok)
type	String	Response type can be of error, warning, info, ok
message	String	message will return Chassis equipment id

```
{
  "code": 4,
  "type": "ok",
  "message": "Chassis equipment id"
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Chassis equipment id</MESSAGE>
</APIRESPONSE>
```

Field	Type	Description
code	Number	Error code (1= error, 2 =warning, 3=info, 4 =ok)
type	String	Response type can be of error, warning, info, ok

message	String	-
apiReqErrors	String	<p>error:</p> <ol style="list-style-type: none"> 1) errorCategory: = Validation Error/ Business Error/ Server Error. 2) errorMessage: = Specific Message based on errorCategory.

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Validation Error(s)",
        "errorMessage": "When registering new equipment in GIER, the effective date/time cannot be less than the current date/time"
      }
    ]
  }
}
```

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>1</CODE>
  <TYPE>error</TYPE>
  <MESSAGE></MESSAGE>
  <APIREQERRORS>
    <ERRORS>
      <TRANSNUM>1</TRANSNUM>
      <ERRORCATEGORY>Validation Error(s)</ERRORCATEGORY>
      <ERRORMESSAGE>When registering new equipment in GIER, the effective date/time cannot be less than the current
date/time</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```