

## POST

`/rest/DVIR/reportDVIR.do`

This API gives user an ability to process the DVIR details and return DVIR Number. Please see input parameters, sample request and response from below.

**Sample Request**

```
{
  "accessToken": "Your Access Token",
  "equipmentPrefix": "Provide Equipment Prefix",
  "equipmentNumber": "Provide Equipment Num",
  "location": "Provide IANA Or SPLC Location",
  "driverLicenseNo": "Provide Driver License No",
  "licenseState": "Provide Driver License State",
  "iddPin": "Provide Driver PIN",
  "mcScac": "Provide MC SCAC",
  "rcd": "Provide RCD in comma separated"
}
```

**Parameters**

Field	Type	Required	Description
accessToken	String (15 alphanumeric)	M	Unique Access Token Provided by IANA.
equipmentPrefix	String (4 chars)	M	Equipment Prefix.
equipmentNumber	Number (6 Digit)	M	Equipment Number.
location	Number	M	IANA or SPLC Location.
driverLicenseNo	String	C	Driver License No.
licenseState	String (2 char)	C	License State.
iddPin	Number	C	Driver PIN.
mcScac	String (4 chars)	C	Moter Carrier's SCAC (Optional for MC)
rcd	String	M	RCD should be within (00-09)

**Success 200**

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 with generated DVIR Number.

**Sample Response -SUCCESS 200****JSON Response**

```
{
  "code": 4,
  "type": "ok",
  "message": "Message with generated DVIR Number"
}
```

**XML Response**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<APIRESPONSE>
  <CODE>4</CODE>
  <TYPE>ok</TYPE>
  <MESSAGE>Message with generated DVIR Number</MESSAGE>
</APIRESPONSE>
```

**Error 4xx/5xx**

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.

## Sample Response -Error 4xx/500

### JSON Response

```
{
  "code": 1,
  "type": "error",
  "message": "",
  "apiReqErrors": {
    "errors": [
      {
        "transNum": 1,
        "errorCategory": "Business Error(s)",
        "errorMessage": "IDD Pin is invalid."
      }
    ]
  }
}
```

### XML Response

```
<?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>IDD Pin is invalid.</ERRORMESSAGE>
    </ERRORS>
  </APIREQERRORS>
</APIRESPONSE>
```