

## *eSSL- eBioServerNew Web Hook*

--- Web Hook Help Manual

**Version** : eBioserver Web Hook 1.0  
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**About This Manual:** This document introduces the Web Hook services for the user interface and operations of the eBioserverNew Web software

## Content-Type: Application/Json

### 1. Data Sending Format :( Raw format in Postman) with encryption

```
{  
  
  "data":  
  " U2FsdGVkX1/ezDMLjre8sunV9CiUXi+nYjK6f2V3LebEXwREtN0FX11yT+z1s5bf  
  7BuV7ARlnwWXX+iAEDtbqnUP3NUO11Nw24TNmYFO1qqy8ZNINFWRIfg0o/zuL+  
  YOAY7IBHLjbbIglXlsLUNrB6JGB50nWvRIBzKdwVj0+a4rdpJg4a0KPWQ0VpjSIJnq  
  vaH5kNOWUkTbEQpVuE53BMPbqAKAOlupKJpG/GylbimgktWOF6boJKbMiPZ5Uz  
  eppKfxRPgwOQDYKYMnimzeRmQJBO5tH7x9GNMb2YQNOBRule/kWCe6n/4aJIA  
  N+XzdckjwHm5o9g3xZEiwDckQOgNEaqx561wNsA2mOA0UCyDg8lSqOg/+eR4DpC  
  6+oFJ/rUdJsZw3xql1GvS5yVrW9RqxDiwoIKFLwxjtCgWfZeSYTV1cgWrwlmwDym  
  ro2mc "  
  
}
```

### Symmetric key for encryption and decryption in C# using “Aes Class”

For example above data is encrypted using key

```
essl12341111111111111111111111111111
```

### eBioserverNew Application: Utilities

- Set the Web Hook URL
- Set Web Hook Response
- You can enable or disable encryption
- Set number of logs to be pushed to the url at time
- Set the password

Symmetric key (encryption password)

**After decrypt below json string will be received as below format:**

```
{"EmployeeCode": "S1123", "LogDate": "2025-01-19  
16:27:09", "DeviceName": "SilkBio", "SerialNumber":  
"AEXY182960104", "Direction": "IN", "DeviceDirection": "Device",  
"WorkCode": "0", "VerificationType": "Finger or Face or Card or  
Password", "GPS": "0,0"}
```

**Converted to class objects like below:**

```
{  
  
  "EmployeeCode ":"S1123",  
  "LogDate ":"2025-01-18 16:27:09",  
  "DeviceName":"SilkBio",  
  "SerialNumber":"AEXY182960104",  
  "Direction":"IN",  
  "DeviceDirection":"Device",  
  "WorkCode":"0",  
  "VerificationType":"Finger or Face or Card or Password",  
  "GPS":" 0,0"  
  
}
```

**Return Response Format from webhookurl:**

```
{  
  "StatusCode": "200",  
  "Message": "Success"  
}
```

**Note:** - If Password is saved in the eBioserverNew for Web Hook

```
{  
  
  "data":  
  
  "U2FsdGVkX1/ezDMIjre8sunV9CiUXi+nYjK6f2V3LebEXwRETn0FX11yT+z1s5bf7BuV7AR  
  lnwWXX+iAEDtbqnUP3NUO11Nw24TNmYFO1qqy8ZNINFWRIfg0o/zuL+YOAY7IBHLjbb1  
  gIXlsLUNrB6JGB50nWvRIBzKdwVj0+a4rdp4a0KPWQ0VpjSIJnqvaH5kNOWUkTbEQpVu  
  E53BMPbqAKAOLupKJpG/GylbimgktWOF6boJKbMiPZ5UzppKfxRPGwOQDYKYMnimze  
  RmQJBO5tH7x9GNMb2YQNOBRu1e/kWCe6n/4aJIAN+XzckjwHm5o9g3xZEiwDckQOgNE  
  aqx561wNsA2mOA0UCyDg8lSqOg/+eR4DpC6+oFJ/rUdJsZw3xql1GvS5yVrW9RqxdDiwoIK  
  FLwxjtCgWfZeSYTV1cgWrw1mwDymro2mc "  
  
}
```

## 2. Data Sending Format :( Raw format in Postman) without password

### eBioserverNew Application: Utilities

Set the Web URL only

```
{  
  
  "EmployeeCode ": "S1123",  
  "LogDate ":"2025-01-18 16:27:09",  
  "DeviceName": "SilkBio",  
  "SerialNumber": "AEXY182960104",  
  "Direction": "IN"  
  "DeviceDirection": "Device"  
  "WorkCode": "0"  
  "VerificationType": "Finger or Face or Card or Password",  
  "GPS": "0,0"  
  
}
```

Then in both case s return Response Format from webhookurl:

```
{  
  "StatusCode": "200",  
  "Message": "Success"  
}
```

### Note:-

1. Password should be 32 characters length
2. For example if password is less than 32 characters length : essl1234
3. we will use while encrypting: essl12341111111111111111111111111111