***eSSL- Web API Service***

**--- Web API Service Help Manual**

**Version :** eTimetracklite 1.0

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**About This Manual:** This document introduces the Web API services for the user interface and operations of the eTimetracklite Web software

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**Web Service URL :** URL of eTimetracklite application

**(Example: http://192.168.1.140/iclock/WebAPIService.asmx)**

**Methods:**

# Add Employee (Name: AddEmployee)

**Example: http://192.168.1.140/iclock/WebAPIService.asmx?op=AddEmployee**

By calling this method we can add employee to the device by passing value Employee code, Name, Card Number & Serial Number for a particular device

Result will be displayed as success or failure

Note: User name & password can obtained from eTimetracklite application will have permission grant. For Invalid user name & password shall display authentication failure

The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with actual values

POST /iclock/WebAPIService.asmx HTTP/1.1

Host: 192.168.1.140

Content-Type: text/xml; charset=utf-8

Content-Length: length

SOAPAction: "http://tempuri.org/AddEmployee"

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<AddEmployee xmlns="http://tempuri.org/">

<APIKey>string</APIKey>

<EmployeeCode>string</EmployeeCode>

<EmployeeName>string</EmployeeName>

<CardNumber>string</CardNumber>

<SerialNumber>string</SerialNumber>

<UserName>string</UserName>

<UserPassword>string</UserPassword>

<CommandId>int</CommandId>

</AddEmployee>

</soap:Body>

</soap:Envelope>

HTTP/1.1 200 OK

Content-Type: text/xml; charset=utf-8

Content-Length: length

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<AddEmployeeResponse xmlns="http://tempuri.org/">

<AddEmployeeResult>string</AddEmployeeResult>

<CommandId>int</CommandId>

</AddEmployeeResponse>

</soap:Body>

</soap:Envelope>

# Block /Un Block Employee (Name: BlockUnblockUser)

**Example:http://192.168.1.140/iclock/WebAPIService.asmx?op=BlockUnblockUser**

1. By calling this method we can Block employee in the device by passing value Employee code, Serial Number for a particular device

Result will be displayed as success or failure

1. By calling this method we can UnBlock employee in the device by passing value Employee code, Serial Number for a particular device

Result will be displayed as success or failure

The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with actual values

POST /iclock/WebAPIService.asmx HTTP/1.1

Host: 192.168.1.140

Content-Type: text/xml; charset=utf-8

Content-Length: length

SOAPAction: "http://tempuri.org/BlockUnblockUser"

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<BlockUnblockUser xmlns="http://tempuri.org/">

<APIKey>string</APIKey>

<EmployeeCode>string</EmployeeCode>

<EmployeeName>string</EmployeeName>

<SerialNumber>string</SerialNumber>

<IsBlock>boolean</IsBlock>

<UserName>string</UserName>

<UserPassword>string</UserPassword>

<CommandId>string</CommandId>

</BlockUnblockUser>

</soap:Body>

</soap:Envelope>

HTTP/1.1 200 OK

Content-Type: text/xml; charset=utf-8

Content-Length: length

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<BlockUnblockUserResponse xmlns="http://tempuri.org/">

<BlockUnblockUserResult>string</BlockUnblockUserResult>

<CommandId>string</CommandId>

</BlockUnblockUserResponse>

</soap:Body>

</soap:Envelope>

# Delete Employee (Name: [DeleteUser](http://111.93.157.53/iclock/WebAPIService.asmx?op=DeleteUser) )

**Example:http://192.168.140/iclock/WebAPIService.asmx?op=DeleteUser**

By calling this method we can delete employee in the device by passing value Employee code, Serial Number for a particular device

Result will be displayed as success or failure

The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with actual values

POST /iclock/WebAPIService.asmx HTTP/1.1

Host: 192.168.1.140

Content-Type: text/xml; charset=utf-8

Content-Length: length

SOAPAction: "http://tempuri.org/DeleteUser"

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<DeleteUser xmlns="http://tempuri.org/">

<APIKey>string</APIKey>

<EmployeeCode>string</EmployeeCode>

<SerialNumber>string</SerialNumber>

<UserName>string</UserName>

<UserPassword>string</UserPassword>

<CommandId>string</CommandId>

</DeleteUser>

</soap:Body>

</soap:Envelope>

HTTP/1.1 200 OK

Content-Type: text/xml; charset=utf-8

Content-Length: length

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<DeleteUserResponse xmlns="http://tempuri.org/">

<DeleteUserResult>string</DeleteUserResult>

<CommandId>string</CommandId>

</DeleteUserResponse>

</soap:Body>

</soap:Envelope>

# GetCommnad Status (Name: GetCommandStatus)

**Example: - http://192.168.140/iclock/WebAPIService.asmx?op=GetCommandStatus**

By calling this method we can know Commands status like Success or Failure by passing Command Id Number

Result will be displayed as success or failure

The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with actual values

POST /iclock/WebAPIService.asmx HTTP/1.1

Host: 192.168.1.140

Content-Type: text/xml; charset=utf-8

Content-Length: length

SOAPAction: "http://tempuri.org/GetCommandStatus"

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<GetCommandStatus xmlns="http://tempuri.org/">

<CommandId>string</CommandId>

<UserName>string</UserName>

<UserPassword>string</UserPassword>

</GetCommandStatus>

</soap:Body>

</soap:Envelope>

HTTP/1.1 200 OK

Content-Type: text/xml; charset=utf-8

Content-Length: length

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<GetCommandStatusResponse xmlns="http://tempuri.org/">

<GetCommandStatusResult>string</GetCommandStatusResult>

<CommandId>string</CommandId>

</GetCommandStatusResponse>

</soap:Body>

</soap:Envelope>

# GetTransaction Log (Name: [GetTransactionsLog](http://111.93.157.53/iclock/WebAPIService.asmx?op=GetTransactionsLog) )

**Example:http://111.93.157.53/iclock/WebAPIService.asmx?op=GetTransactionsLog**

By calling this method we can Get Transaction Log Records by passing From date to date & serial Number Log records list will be displayed

The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with actual values

POST /iclock/WebAPIService.asmx HTTP/1.1

Host: 192.168.1.140

Content-Type: text/xml; charset=utf-8

Content-Length: length

SOAPAction: "http://tempuri.org/GetTransactionsLog"

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<GetTransactionsLog xmlns="http://tempuri.org/">

<FromDate>string</FromDate>

<ToDate>string</ToDate>

<SerialNumber>string</SerialNumber>

<UserName>string</UserName>

<UserPassword>string</UserPassword>

<strDataList>string</strDataList>

</GetTransactionsLog>

</soap:Body>

</soap:Envelope>

HTTP/1.1 200 OK

Content-Type: text/xml; charset=utf-8

Content-Length: length

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<GetTransactionsLogResponse xmlns="http://tempuri.org/">

<GetTransactionsLogResult>string</GetTransactionsLogResult>

<strDataList>string</strDataList>

</GetTransactionsLogResponse>

</soap:Body>

</soap:Envelope>