

Log In

[Go to full article](#)

Overview

Prior to making any API calls, the application is required to authenticate with Emersion. Authentication is facilitated via the end user portal login. Even if you do not have an End User Portal from Emersion, you must grant them access since the API uses this infrastructure so the applications can carry out the necessary authentication.

Authentication is now achieved using the *login* call under the Authentication end point. A session token is returned. This token must then be used in every subsequent API call and sessions are automatically set to expire 12 months after they are created.

To retrieve a token:



In the prior versions of the End User APIs, the end user's username and password was required to be supplied in every call. This method is deprecated.

1. Create a login request()
2. Specify the customer's end user portal username or account ID.
3. Specify the customer's end user portal password.

Business Rules

The customer's account must be in an **active** state.

SOAP Example

An example of a successful authentication.

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope"
/" xmlns:urn="urn:emersion:userapi">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:login>
      <urn:username>sharoncarpenter@emersion.com.au</urn:username>
      <urn:password>abc123</urn:password>
    </urn:login>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope"
/" xmlns:ns1="urn:emersion:userapi">
  <SOAP-ENV:Body>
    <ns1:loginResponse>
      <ns1:
token>b6d3c923fc8aefb1ba9cef086684efde74d4c21277615ba917b8ecf4270daf64<
/ns1:token>
      </ns1:loginResponse>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

WDSL

<https://userapi.emersion.com/Authentication.wsdl>

Operation name

Authentication/login

Error Handling

This table lists specific errors and faults unique to this operation. If an error is encountered is not listed here, it is likely to be a [generic error or fault](#).

Error	Description
Invalid username / password	The system cannot authenticate the end user. Check to ensure that the end user account has end user portal access and that the user ID and password for the account are correct.

Field Descriptions

All field names are case sensitive. Check enumerated values in the descriptions to confirm capitalisation and spacing. See [field types](#) for additional information.

Name	Description	Required?	Field Type	Character limit	Values
username	The end user portal username belonging to the customer. You can use the account_id in this field.	Yes	String	80	e.g. The customer's username; or the account ID
password	The end user portal password belonging to the customer. you can also use the account_id in this field.	Yes	String	73	a case-sensitive string