CTI Meeting Technology

Login Options cAttendee & Portal

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v1.1

Table of Contents

CTI Account

This is the account system used by non-SSO Portal clients. It can also be used with cAttendee. Users will have to follow the password recovery steps if they do not remember their email or if they are logging in for the first time.

Currently, Account creation is only available from the Portal Login screen. But there are plans to add it to cAttendee.

Required fields for CTI Account:

- FLE

SSO (Single Sign-On)

The SSO requirements depend on the client system. Each system has certain data that acts as login credentials (like ClientSecret/ClientID or username/password). The client should know what details to provide since we will be connecting to their system. So far, we have existing connections using the following SSO implementations:

- oAuth (Salesforce and non-Salesforce)
- SAML
- OpenID
- NetForum
- Personify

Required fields for SSO:

1. FLE
2. UniqueID

We collect information on location and demographic data (e.g., degree, country, etc.) on the details page which also includes registration and participation to the extent that it is provided by the association.

Registration BadgeNumber/Last Name (cAttendee/PP8 only)

Registration for meeting by Badge Number can be done using the 3 import options:

1. Registration API
2. cAdmin Add Registrant
3. cAdmin Import Registrants

All 3 will match the registration record with an existing Account based on First Name, Last Name, and Email (FLE) or create an account if a match is not found. BadgeNumber and Registration code are required in addition to First Name, Last Name, and Email to create a Registration record.

Required fields for Badge Number:

- FLE

- BadgeNumber → Numeric or alphanumeric value (i.e., This value cannot be used for more than one user)
- RegistrationCode → You can specify any value here (e.g., VirtualMeeting21)

JWT/Token-based passing of profile information

JSON Web Token (JWT) is a login option where the user data is encrypted into a token (to avoid the GDPR issues of passing plain text values in the URL). Then cOasis decrypts the token and completes the authentication resulting in a logged-in user on the cAttendee page.

JWT is an open standard to handle secure logins while bypassing standard SSO requirements. More information on JWT: https://jwt.io/

JWT Configuration

Before we receive the JWT information from the client, we need to first generate a relaystate value that gets added to the end of the link coming into cOasis. The relaystate tells cOasis what meeting and module the user should go to.

1. **Required fields for JWT:**
   - FLE
   - UniqueId (numeric or alphanumeric)

   Optional fields for JWT:
   - Other fields can be included if needed such as Country, Degree, Registration Status, etc.

Example of required fields:

TOKEN:

eyJhbGciOiJIUzI1NiIsImN0eSI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwiaWF0IjoxNjAzMzc2MDExLCJkYXRhIjp7Ik1lbWJlcklEIjoiQUJDMDEyMyIsIkZpcnN0TmFtZSI6IkpvaG4iLCJMYXN0TmFtZSI6IkRvZSIsIkVtYWlsIjoiai5kb2VAdGVzdC5jb20ifX0.XgPuewq7CAb-kl5aaQDJppa6oJ5tJm6Lts8oPx5ukIA

PAYLOAD:

```
{
  "data": {
  "MemberID": "ABC0123",
  "FirstName": "John",
  "LastName": "Doe",
  "Email": "j.doe@test.com"
 }
}
```

Custom fieldnames can also be used. Please map each custom fieldname clearly like the example below:

Token	CTI
user_id	MemberID
f_name	FirstName
l_name	LastName

email	Email

2. Redirect URL

When the CTI setup is complete, CTI will provide a redirect URL with a RelayState. Both Dev and Prod environments will have their own RelayState value. This value is encrypted, but it informs CTI which Association, Meeting, and CTI "module" the user is logging into.

Within the CTI system, users will see two URLs:

Dev: https://auth-dev.abstractsonline.com/Splite/signin-jwt?token={jwt-token}&relayState={relaystate}
Prod: https://auth.abstractsonline.com/Splite/signin-jwt?token={jwt-token}&relayState={relaystate}

The JWT Token will be generated for each user and added to the URL replacing "{jwt-token}"

CTI will provide the RelayState, which will be the same for all users.