

SAVANCE
EIOBOARD

EIOBoard SDK Help Guide

Savance

Phone: 248-478-2555 | Fax: 248-478-3270

www.eioboard.com | support@eioboard.com | www.savance.com

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Getting Started

This document will cover how to use EIOBoard's SDK so that you can integrate your software with some of EIOBoard's features. Before you get started, there are a couple things you are going to need.

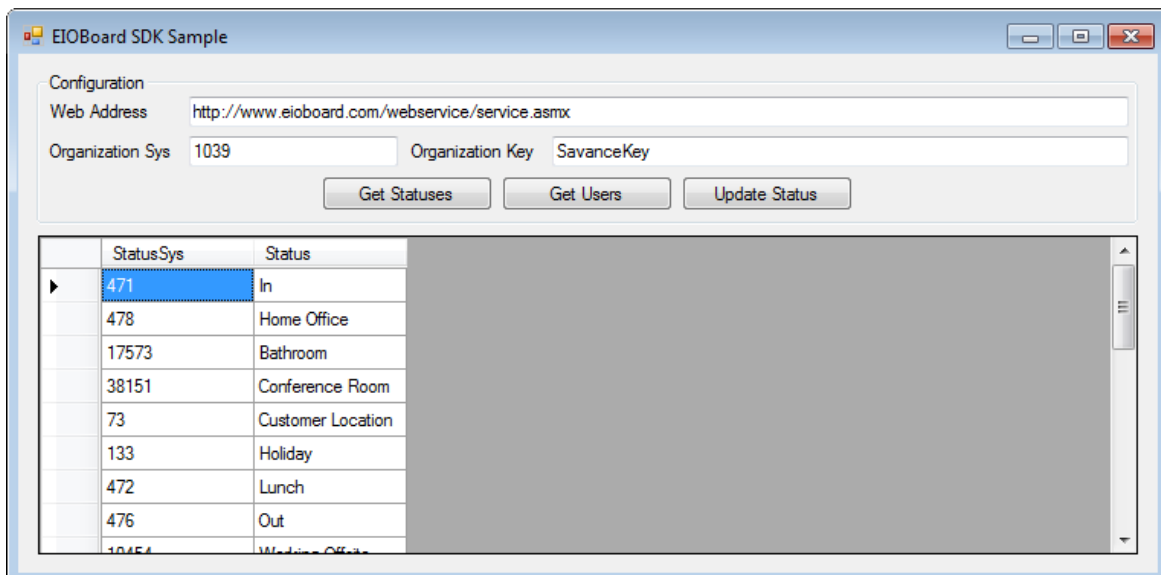
1. You will first need to have EIOBoard set up. If you are customer-hosted, you will need to make sure the server is installed and configured.
2. You will then need to download the SDK Sample from the link below. Be sure to unzip it before using it.
<http://www.EIOBoard.com/downloads/sdk/EIOBoardSDKSample.zip>
3. You will need Microsoft Visual Studio or another program that can open/run the Sample SDK.
4. You need to obtain the web address for your server. This is simply your server location plus `"/webservice/service.aspx"` added to it. For example, if you are EIOBoard-Hosted:
<http://www.eioboard.com/eioboard/webservice/service.aspx>
5. Finally, you need to obtain the Organization Sys and Organization Key for the organization you want to run the queries on. If you are EIOBoard-Hosted, you will have to retrieve this information from Savance. If you are Customer-Hosted, you can obtain this information by running the following query on your database (the `OrganizationSys` and `OrganizationKey` columns will give you the info you need).

```
SELECT * FROM Organizations
```

Once you have everything listed above, you are ready to get started!

Using the Sample SDK

To get started, open the SDK solution file in Visual Studio. The file is in the root directory and is called **EIOBoard SDK.sln**. To test the program, click the "play" button in Visual Studio. The following interface will come up:





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You will first need to put in the **Web Address**, **Organization Sys**, and **Organization Key**. Then you can click on one of the buttons to test out the SDK. These are examples of what features are accessible from other software pieces. For example, the **Get Users** button gives you an example of retrieving information for each user.

More information on what functions and data are available can be found in the next section. Once you have learned what information is available, you can utilize the code for the Sample SDK to allow your software to communicate with EIOBoard!

EIOBoard Web Service Operations

There are currently four web service operations that you can use when integrating with the EIOBoard software. Details for each can be found in their corresponding sections below:

- GetStatuses
- GetUserStatuses
- GetUsers
- UpdateUserStatus

3.1 GetStatuses

Shows a list of all of the available statuses for an Organization in EIOBoard.

Parameters

- OrganizationSys: int – Organization ID
- OrganizationKey: String – Web service Organization key used to validate the ability to use the EIOBoard Web Service

Returns

- StatusSys: int – Identification number/key
- Status: string – Description of the status



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3.2 GetUserStatus

Shows an individual user's status

Parameters

- OrganizationSys: int – Organization ID
- OrganizationKey: String – Web Service organization key used to validate the ability to use the EIOBoard Web Service

Returns

- MyFriend: int – A user is currently the signed in user's friend
- OriginalComment: string – Comment before modifications done by EIOBoard
- ContactSys: int – Contact ID
- LastName: string – User's last name
- FirstName: string – User's first name
- Ext: string – User's phone extension
- StaticComment: string – User's receptionist comment
- GroupSysList: string – List of all of the Group IDs a user belongs to
- Status: string – User's current status
- StatusSys int – User's current status ID; used when updating a user's status via the web service
- StatusTypeSys int – User's current status type ID
- OrganizationSys: int – User's organization ID
- EmailAddress: string – User's email address
- DateReturning: datetime – Date user is returning from his/her current status
- TimeReturning: string – Time user is returning from his/her current status
- Comment:string – Comment for the user's current status DateUpdated: datetime – Date/Time a user's status was last updated
- LocationSys: int – Location ID where the status update was made from
- AccountSys: int – Account ID associated with the user's current status
- UpdatedByName: string – Full name of the user that last updated the current user's status
- StatusPictureLocation: string – Location on the EIOBoard server of the current status picture
- ContactPictureLocation: string – Location on the EIOBoard server of the user's picture
- MSNAccountName: string – MSN account name
- AIMAccountName: string – AOL IM account name
- AllowStatusChange: int – Can the current user change this user's status
- ColorCode: string – Color of the user's current status
- ToolTip: string – Tool tip information for the current user
- AOLStatus: unsigned Byte – User's current AOL IM Status
- MSNStatus: unsigned Byte – User's current MSN Status
- UserSys: int – User's ID
- Username: string – User's username used to sign into EIOBoard
- ChatStatus: unsigned Byte – User's EIOBoard chat status



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3.3 GetUsers

Shows a list of all of the users for an Organization in EIOBoard.

Parameters

- OrganizationSys: int – Organization ID
- OrganizationKey: String – Web Service organization key used to validate the ability to use the EIOBoard Web Service

Returns

- FullName: string – User's full name
- GroupNames: string – All of the groups a user belongs to
- ContactSys: int – Identification number/key for contact
- AccountSys: int – Identification number/key for account
- OrganizationSys: int – Identification number/key for organization
- Position: string – User's position
- Phone: string – User's phone number
- Fax: string – User's phone number
- Ext: string – User's phone extension
- ContactName: string – User's name as it appears in EIOBoard
- FirstName: string – User's first name
- LastName: string – User's last name
- EmailAddress: string – User's email address
- ContactPictureLocation: string – User's contact picture location on the EIOBoard server
- Pager: string – User's pager number Cell:string –User's cell phone number
- HomePhone:string –User's home phone number
- HomeAddress: string – User's home address
- HomeCity: string – User's home city
- HomeState: string – User's home state
- HomeZip: string – User's home zip code
- HomeFax: string – User's home fax number
- HomeEmail: string – User's home email address
- DateAdded: datetime – Date user was added to EIOBoard
- DateDeleted: datetime – Date user was deleted from EIOBoard
- DeletedBySys: int – User ID who deleted the current user
- CurrentValue: int – 1 for user active, 0 for user inactive
- ImageSys: int – ID for user's contact picture
- MSNAccountName: string – User's MSN account name
- AIMAccountName: string – User's AOL IM account name
- ShowHomeInfo: int – Whether or not the user's home information is displayed in EIOBoard
- OrganizationLocationSys – OrganizationLocation ID for the current user
- GroupList: string – List of all of the groups a user belongs to
- GroupSysList: string – List of all of the IDs of all of the groups a user belongs to
- StaticComment: string – Receptionist comment for a user
- UserSys: int – User ID used for all other web service operations involving users
- ContactSys1: int – Contact ID
- UserName: string – Username that a user uses to log into EIOBoard



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- Password: string – Password that a user uses to log into EIOBoard
- DateCreated: datetime – Date user was created in EIOBoard
- DateUpdated: datetime – Date the last time any user information was updated in EIOBoard
- DeletedBySys1: int – UserID who deleted the current user
- DateDeleted1: datetime – Date user was deleted from EIOBoard
- CurrentValue1: int – 1 for user is active, 0 for user inactive
- UserPIN: string – User's PIN that a user can use to sign in via the EIOBoard kiosk
- USERID: string – User's ID used to sign in via the EIOBoard kiosk
- PhoneUserName: string – Username used to sign in via the EIOBoard phone interface

3.4 UpdateUserStatus

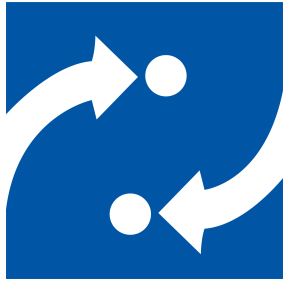
Updates a user's status in EIOBoard.

Parameters

- OrganizationSys: int – Organization ID
- OrganizationKey: string – Web Service organization key used to validate the ability to use the EIO Board Web Service
- UpdatedByUserSys: int – User ID who is updating the current user's status
- UserSys: int –UserID of who's status is being updated
- StatusSys: int – Status ID of the status the user is being updated to
- ReturningDate: string – Date in the format of "MM/DD/YYYY" of when the user will return. Pass NULL or nothing if there is no returning date
- ReturningTime: string – Time in a 24 hour format "HH:MM" of when a user will return. Pass NULL or nothing if there is no returning time
- Comment: string – Status comment

Returns

True if update succeeds



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1.0.0**