

Patientus OVS .NET client library

Table of content

- [Description](#)
- [Features](#)
- [Requirements](#)
- [Installation](#)
- [Usage](#)
- [Known Issues](#)
- [Release Notes](#)
- [Further Help](#)

Description

This client library is developed by the [Docplanner](#) Telemedicine team.

The library is created in [.NET Standard 2.0](#), so we are supporting **.NET Framework 4.6.1+** and **.NET Core 2.0+**.

Library packages are published to NuGet and can be installed [here](#).

This client library is the backend part of the [Patientus Video Frontend Library](#), which is a wrapper for the [Patientus Telemedicine API](#). It provides OVS session creation functionality for the [Patientus Video Frontend Library](#).

How it works

Each client gets their client ID and secret from the [Docplanner](#) Telemedicine team. The client application must implement this client library. By providing the client ID and the secret, the backend part of the client can get an OVS session ID based on a unique identifier (room/appointment/event/conference/...) using this client library. The [Patientus Video Frontend Library](#) will use this OVS session ID to establish an online video consultation.

Features

- Get an OVS session ID for a doctor.
- Get an OVS session ID for a patient.

Requirements

This package doesn't have special requirements. Within the package, we bundle [Newtonsoft.Json 13.0.0+](#) and [Scrutor 3.3.0](#).

Installation

Install the latest version of the library package via .NET CLI

```
dotnet add package Patientus.OVS.SDK
```

Install a specific version of the library package via .NET CLI

```
dotnet add package Patientus.OVS.SDK --version [version number]
```

Usage

There are a handful of setup steps to go through. Generally, the steps are:

- Add the client library to the project.
- Specify the required configuration in the application settings.
- Register Patientus infrastructure service.
- Get an OVS session.

Add the client library to the project

```
dotnet add package Patientus.OVS.SDK
```

Specify the required configuration in the application settings

```
{
    ...
    "VideoConsultationProvider": {
        "BaseAddress": "https://security.patientus.de",
        "ClientIdentifier": "client_identifier",
        "ClientSecret": "client_secret"
    },
    ...
}
```

- BaseAddress: The URL of the [Patientus Telemedicine API](#).
- ClientIdentifier: Given client ID.
- ClientSecret: Given client secret.

Register Patientus infrastructure service

```
.ConfigureServices((hostContext, services) =>
{
    ...
    services.AddVideoConsultation();
    ...
})
```

Get and OVS session

For a doctor (moderator role):

```
// IOvsSessionHandler ovsSessionHandler (via dependency injection)
var moderator = await ovsSessionHandler.GetAsync("unique_id",
ParticipantType.Moderator);
```

For a patient (publisher role):

```
// IOvsSessionHandler ovsSessionHandler (via dependency injection)
var publisher = await ovsSessionHandler.GetAsync("unique_id",
ParticipantType.Publisher);
```

Known Issues

There are no known issues at the time of creating this document.

Release Notes

See the changelog for recent changes.

Further Help

To get more help and for any kind of information please send an email to ovs-sdk-support@docplanner.com.