

# IPS CaseDesigner®

Version 2.6

## Installation Guide

# Table of Contents

<b>Welcome</b>	<b>3</b>
Disclaimer of Liability	3
Cybersecurity	3
<b>Installing IPS CaseDesigner on Windows®</b>	<b>4</b>
Install IPS CaseDesigner on Windows®	4
Technical Support	4
<b>Installing IPS CaseDesigner® on Mac OS®</b>	<b>5</b>
Install IPS CaseDesigner on Mac OS®	5
Technical support	5
<b>Firewall Settings</b>	<b>6</b>
Server and Port Configuration	6
Server Configuration	6
Localhost Ports	6
Proxy Settings	7
Examples	7
Windows with Local Proxy Server	7
Windows with an External Proxy Server	7
Configure Proxy Server on macOS	8

# Welcome

## Disclaimer of Liability

This product is part of an overall concept and may only be used in conjunction with the associated original products according to the instructions and recommendations of Nobel Biocare, hereinafter referred to as 'the Company'. Non-recommended use of products made by third parties in conjunction with products of the Company will void any warranty or other obligation, express or implied. The user has the duty to determine whether or not any product is suitable for the particular patient and circumstances. The Company disclaims any liability, express or implied, and shall have no responsibility for any direct, indirect, punitive or other damages, arising out of or in connection with any errors in professional judgment or practice in the use of these products. The user is also obliged to study the latest developments in regard to this product and its applications regularly. In cases of doubt, the user has to contact the Company. Since the utilization of this product is under the control of the user, it is his/her responsibility. The Company does not assume any liability whatsoever for damage arising thereof.

Before using IPS CaseDesigner, please read these Instructions for Use and retain it for future reference. Please note that the information provided in this document is intended to get you up and running.

Please note that some products detailed in this Instructions for Use may not be regulatory cleared, released or licensed for sale in all markets.

## Cybersecurity

Protecting your practice against cybersecurity threats is a shared responsibility between us as the manufacturer and you as the health care provider. The manufacturer has taken precautions to ensure that the software is protected against such threats.

It is recommended that active and up-to-date antivirus and anti-malware software, together with a correctly configured firewall, are installed on the computer where IPS CaseDesigner is to be used. Failure to do so may lead to unauthorized access.

It is recommended to enable audit logging in the settings and ensure the protection of these logs against unauthorized access. Failure to do so may prevent malicious activity from being detected.

Use two-factor authentication to access the software and always lock the computer when it is left unattended. Failure to do so may lead to unauthorized access.

Make sure the office network is protected from unauthorized access and separated from the visitor network. Failure to do so may lead to unauthorized access.

To quickly recover from any unexpected system failure or malicious event that may cause data loss, it is advised to regularly back up the patient data.

It is recommended to start IPS CaseDesigner without administrative privileges. Failure to do so may lead to unintended starting of malicious third-party executables


It is recommended to always update IPS CaseDesigner to the latest available software version. Failure to do so may lead to unauthorized access.

For more technical details concerning back-ups, firewall and security settings during installation, please refer to the IPS CaseDesigner installation guide.

# Installing IPS CaseDesigner on Windows®

## Install IPS CaseDesigner on Windows®

1. Check that your computer is connected to the internet.
2. Check that your computer can open and display .pdf files (double-click a .pdf file to test). Adobe® Reader® is an example of software typically used to open and display .pdf files.
3. Log on to your computer with a user account that has administrator rights. We recommend that all other software on your computer is closed before IPS CaseDesigner is installed.
4. Follow the download link. Double-click IPSCaseDesigner(x64)\_2.6.exe.
5. A welcome message for the IPS CaseDesigner install wizard appears. Click **Next**.
6. The IPS CaseDesigner End-User License Agreement is displayed. Read it carefully. You can also print this information. To accept the agreement, click **I accept the terms in the license agreement**, and click **Next**. Alternatively, click **Cancel** and the installation procedure will abort.
7. Choose a destination folder where the IPS CaseDesigner files will be stored. Click **Change** to use a folder different from the default location (C:\Program Files\IPS CaseDesigner) and click **OK** to confirm.
8. Click **Next**.
9. Click **Install** to start the installation procedure. To review any of your installation settings, click **Back**.
10. When the software is installed, click **Finish**. IPS CaseDesigner starts and a configuration wizard is shown, allowing you to set up the software.
11. Enter the installation key that is printed on the IPS CaseDesigner license information document. Click **Next**.
12. Select the working folder in which you want to save the IPS CaseDesigner files. Click **Browse** to use a folder different from the default working folder (C:/IPS CaseDesigner) and click **Select Folder** to confirm. Please make sure that the folder is stored on a hard disk with sufficient free disk space. All users of the computer should have read/write access to this folder.
13. Click **Next**.
14. Click **Finish**.
15. The Instructions for Use website is displayed. The software is ready to use.

An IPS CaseDesigner icon  is available on your desktop. Double-click it to start the software. IPS CaseDesigner can also be started by clicking the Windows® **Start** button and browsing the list of programs that appears. Click **IPS CaseDesigner** to start the software.

The Instructions for Use are available via the software in a printable format.

The End-User License Agreement can be viewed at any time in the **Account Details** dialog within IPS CaseDesigner. It is advised to use the software while connected to the Internet in order to receive software updates, etc.

In order to make sure you are always running an updated version of IPS CaseDesigner, every 24 hours the validity of your license is checked.

## Technical Support

If you encounter any problems during the installation, please contact your local customer support.

# Installing IPS CaseDesigner® on Mac OS®

## Install IPS CaseDesigner on Mac OS®

1. Check that your computer has access to the Internet.
2. Check that your computer can open and display .pdf files (double-click a .pdf file to test). Adobe® Reader® is an example of software typically used to open and display .pdf files.
3. Log on to your computer with a user account that has administrator rights. We recommend that all other software on your computer is closed before IPS CaseDesigner is installed.
4. Follow the download link. Double-click the Apple® Disk Image file (.dmg) to mount it. The mounted IPS CaseDesigner disk will appear on your desktop.
5. Double-click this file. An installation dialog appears, showing different options:
  - **Install IPS CaseDesigner**
  - **Software License Agreement**
6. To install IPS CaseDesigner, double-click the first option. A welcome screen is displayed. Click **Continue**.
7. The IPS CaseDesigner End-User License Agreement is displayed. Read it carefully. You can also print this information.
8. Click **Continue**. A warning is displayed, asking for acceptance of the Software License Agreement.
9. Click **Agree** to continue with the installation. If you click **Disagree** the installation procedure is aborted.
10. Keep the default location for the installation (Applications) or change it to the location of your choice. This is the disk where the software files will be saved. Click **Continue**.
11. Click **Install**.
12. When the installation is finished, the software is opened and a configuration wizard is shown. A welcome screen is displayed. Click **Continue**.
13. Enter the installation key that is printed on the IPS CaseDesigner license information document. Click **Next**.
14. Select the working folder in which you want to save the IPS CaseDesigner files. The default location is the Applications folder. Please make sure that this folder is stored on a hard disk with sufficient free disk space. All users of the computer should have read/write access to this folder. Click **Next**.
15. Click **Finish**.

An IPS CaseDesigner icon  is available in Applications (default location). Click it to start the software.

The End-User License Agreement can be viewed at any time in the **Account Details** dialog within IPS CaseDesigner. It is advised to use the software while connected to the Internet in order to receive software updates, etc.

The Instructions for Use are available via the software in a printable format.

In order to make sure you are always running an updated version of IPS CaseDesigner, every 24 hours the validity of your license is checked.

## Technical support

If you encounter any problems during the installation, please contact your local customer support.

# Firewall Settings

IPS CaseDesigner needs to connect to various servers in order to function. It can either use a direct connection or it can be configured to use a proxy. In case of a direct connection, the firewall should allow the connection to the specified servers. In case of a proxy setup, proxy settings should be set correctly on the client PC, as described below.

## Server and Port Configuration

### Server Configuration

Following table describes the URLs used by IPS CaseDesigner. The corresponding IP addresses of these URLs can be found by DNS lookup. For example, on Windows this can be done by opening a command prompt and using the `nslookup` command.

For example `"nslookup nobellicense.nobelbiocare.com"`.

Protocol	URL	Description
https	nobellicense.nobelbiocare.com	URL used to contact the license server.
https	nobelstats.nobelbiocare.com	URL used to send anonymous statistical information.
https	ips.klsmartin.com	IPS gate

### Localhost Ports

IPS CaseDesigner uses a localhost port to determine if another instance is already running. For proper functioning of the software, following port should be available and not be blocked. IPS CaseDesigner uses the web-sockets (WS) protocol for communication.

Protocol	URL/IP	Port	Description
ws	127.0.0.1	4416	Ports to determine whether an IPS CaseDesigner instance is running.

## Proxy Settings

IPS CaseDesigner uses OS proxy settings to determine whether to directly communicate with servers or by using a proxy server.

On Windows 2 different proxy settings are available:

- **User proxy settings.** These settings are available via “Proxy settings” of the System settings. Those proxy settings are typically used by simple desktop applications or by browsers. They are specified per user, not available for services, and IPS CaseDesigner does not use those settings.
- **WinHTTP proxy settings.** Those settings are used by services, like Windows Updates service. IPS CaseDesigner uses WinHTTP proxy settings to communicate with all the servers. WinHTTP proxy settings are usually set via command prompt. Examples:
  - ‘`netsh winhttp show proxy`’ is a command to show the current WinHTTP proxy settings.
  - ‘`netsh winhttp set proxy "<proxy>:<port>" bypass-list="<local-net>"`’ is a command to use the <proxy> proxy server at the <port> port and to avoid using a proxy when working with URLs/IP addresses of the <local-net> net.
  - ‘`netsh winhttp reset proxy`’ is a command to reset proxy settings, and to use direct connection.

On macOS the relevant proxy configuration should be set in the secure Web Proxy (HTTPS) settings, as specified in the Apple Support documentation.

## Examples

### Windows with Local Proxy Server

This is an example of configuring Windows to use a proxy server located in the same local network as IPS CaseDesigner, with the proxy server available at the 10.0.1.100:8080 address.

Start command line as administrator. Execute following command:

```
netsh winhttp set proxy proxy-server="10.0.1.100:8080"
```

### Windows with an External Proxy Server

This is an example of configuring Windows to use a proxy server `sampleproxy.com:8080` located outside of the local network and with the local network using IP addresses in the 10.\*.\*.\* range.

Start command line as administrator. Execute the following command:

```
netsh winhttp set proxy proxy-server="sampleproxy.com:8080"
bypass-list="10.*.*.*"
```

## Configure Proxy Server on macOS

1. Choose **Apple menu**.
2. Select **System Settings**.
3. Click **Network** in the sidebar.
4. Click a network service on the right.
5. Click **Details**.
6. Click **Proxies**.
7. Specify relevant proxy settings in the **Secure Web Proxy (HTTPS)** configuration.
8. If necessary, specify relevant proxy settings in the **Web Proxy (HTTP)** configuration as well.





Nobel Biocare AB  
Box 5190, 402 26  
Västra Hamngatan 1,  
411 17 Göteborg,  
Sweden

[www.nobelbiocare.com](http://www.nobelbiocare.com)

**Sponsor and Distributed in Australia by:**

Nobel Biocare Australia Pty Ltd  
Suite 4.02, Level 4, Building A,  
1 Eden Park Drive Macquarie Park, NSW 2113  
Australia

Phone: +61 1800 804 597



**CH importer/representative:**

Nobel Biocare Services AG  
Balz Zimmermann-Strasse 7  
8302 Kloten  
Switzerland

**Distributed in New Zealand by:**

Nobel Biocare New Zealand Ltd  
33 Spartan Road  
Takanini, Auckland, 2105  
New Zealand

Phone: +64 0800 441 657

**Distributed in Turkey by:**

OYPA MEDİKAL GIDA SAN VE TIC.LTD.ŞTİ  
İdealtepe Mah.Dik sok.Eko Plaza No: 1 D: 3 Kat: 2  
34841 Maltepe – İstanbul / TÜRKİYE

[www.oypamedical.com](http://www.oypamedical.com)

[www.oypalife.net](http://www.oypalife.net)

Phone: +90 216 403 1301



[ifu.dtxstudio.com/symbolglossary](http://ifu.dtxstudio.com/symbolglossary)  
[ifu.dtxstudio.com](http://ifu.dtxstudio.com)