Advanced Installation Topics

How to install the point cloud converter as a standalone tool?

1. Download the latest installer executable from here:
   https://qbitec.com/release/QbitecForRevit/
2. Open a PowerShell terminal (Run as Administrator if required by your system policy).
3. Navigate to the directory containing the downloaded installer:
   `cd "C:\Path\To\Your\DownloadFolder"`
4. Execute the installer with the following command-line parameter
   (replace `<version>` with the actual version number of the downloaded file):
   `.\qbitecSetup-<version>.exe /ConverterOnly`
5. Follow the instructions of the installer wizard to complete the installation.

How to make a silent installation of the Qbitec for Revit Plugin? (GUI-free installation)

In some environments, administrators need to install software via scripts without any graphical user interface (GUI), for example when deploying the application automatically to multiple PCs.

The installer supports silent installation using the `/VERYSILENT` command-line option.

Silent installation for all users (requires elevated privileges)

1. Download the latest installer executable from here:
   https://qbitec.com/release/QbitecForRevit/
2. Open a PowerShell terminal with **Administrator privileges**.
3. Navigate to the directory containing the installer.
   `cd "C:\Path\To\Your\DownloadFolder"`

4. Execute the following command
   (replace `<version>` with the actual version number of the downloaded file):
   `.\qbitecSetup-<version>.exe /ALLUSERS /VERYSILENT`

This installs the plugin for all users on the system without showing any installer dialogs.

Silent installation for the current user only

1. Download the latest installer executable from here:

   https://qbitec.com/release/QbitecForRevit/
2. Open a normal (non-elevated) PowerShell terminal.
3. Navigate to the directory containing the installer.
   `cd "C:\Path\To\Your\DownloadFolder"`

4. Execute the following command (replace `<version>` with the actual version number of the downloaded file):
   `.\qbitecSetup-<version>.exe /CURRENTUSER /VERYSILENT`

This installs the plugin only for the currently logged-in user without any GUI interaction.

Firewall / Proxy Configuration

Our plugin uses the **LicenseSpring** service to validate licenses and to check for new versions.

Please ensure that communication with the LicenseSpring RestAPI at
`https://api.licensespring.com`
is not blocked by your firewall and is correctly routed through your proxy server configuration.

In addition, if you want to connect to a **NavVis source** to stream point clouds and panoramic images directly into Revit, the plugin must be able to communicate with the NavVis IVION Rest API of your IVION instance(s).

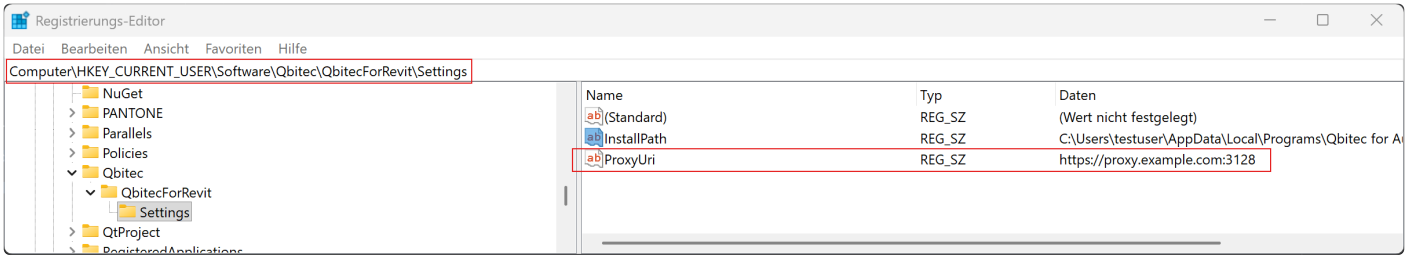
Endpoints typically have the following form:
`https://<instance>.iv.navvis.com/api/`

Some NavVis instances may also use pre-signed URLs over the AWS Cloudfront CDN using endpoints of the following form:
`https://<distribution-domain>.cloudfront.net/`

Please verify that you can access your NavVis IVION instance in a web browser from the same machine and using the same Windows user account. If you experience any issues accessing the web interface, contact the NavVis support team for assistance.

Proxy-Server Settings

If you are using a proxy server, the plugin will attempt to automatically detect your proxy settings from your Windows configuration. If this does not work correctly, you can manually specify the proxy server to use by setting the following registry key of type REG_SZ:
`HKEY_CURRENT_USER\Software\Qbitec\QbitecForRevit\Settings\ProxyUri`



It is also possible to switch between the different behaviors on how to resolve the correct proxy with the registry key of type REG_DWORD:

`HKEY_CURRENT_USER\Software\Qbitec\QbitecForRevit\Settings\ProxySetting`

Possible values are:

0	Default: Try to resolve proxy server settings from windows network settings
1	Override: Use the proxy server specified by the ProxyUri registry key
2	No Proxy: Enforce to not use proxy server (e.g. ignore what is returned from windows network settings)

Since version 1.8.6 it is also possible to specify proxy settings via a json file located at:

`%localappdata%/QbitecForRevit/proxysettings.json`

```
{
  "ProxyUri": "http:/127.0.0.1:1234",
  "ProxyUsername": "<userid>",
  "ProxyPassword": "<userpassword>"
}
```

The fields "ProxyUsername" and "ProxyPassword" are optional and can be left out.

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