FlowJo FROM YOUR COMPUTER USING FLOATING LICENSE

1) Firstly, **book** your working time in https://imcf-booking.biocev.org/ (slot in „FlowJo floating licence" calendar).

2) If you use computer connected via LAN cable or VPN PORTAL to the BIOCEV network, continue to step 8. **Otherwise**, for connecting to the VPN PORTAL it's necessary to **login in this link** https://vpnportal.biocev.org/remote/login?lang=en.

3) Then click on **Download FortiClient** and **choose** from proposed options (iOS, Android, Windows, Mac).
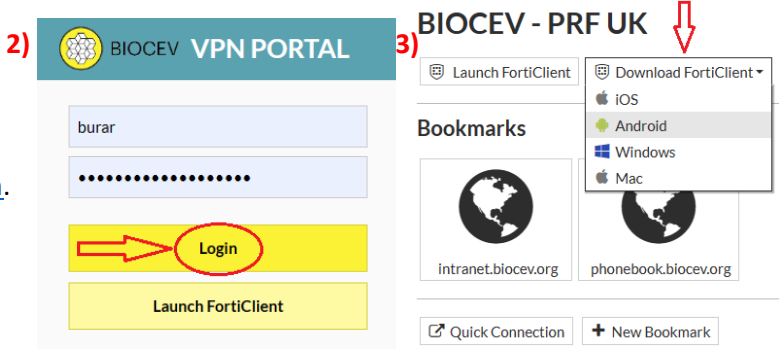

4) After you download FortiClient, install it just by running the downloaded file (accept the terms and press on the next and finish button like in common instalation of programmes).

5) After you install FortiClient, there should be its desktop shortcut. Open it, accept the conditions and **configure VPN:** Name the connection **BIOCEV**, name the remote gateway **vpnportal.biocev.org** and **save it**.
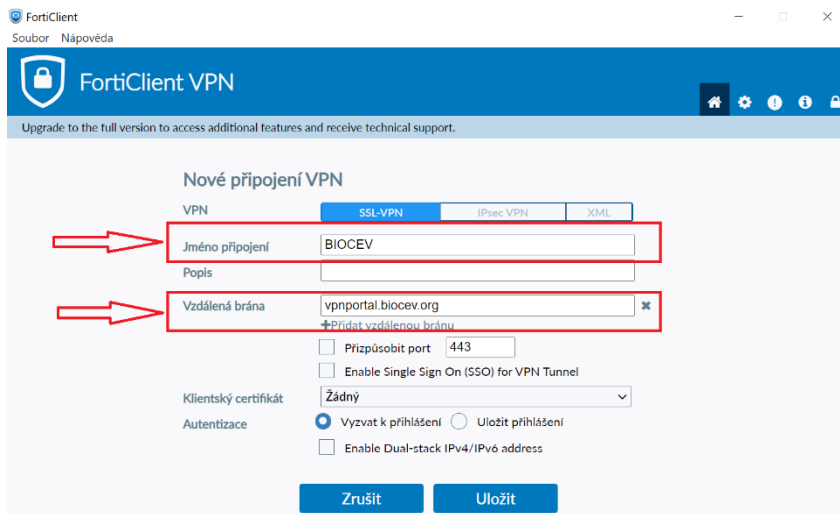

6) Finally, **sign in**. Now, you should be connected to BIOCEV server using VPN PORTAL.
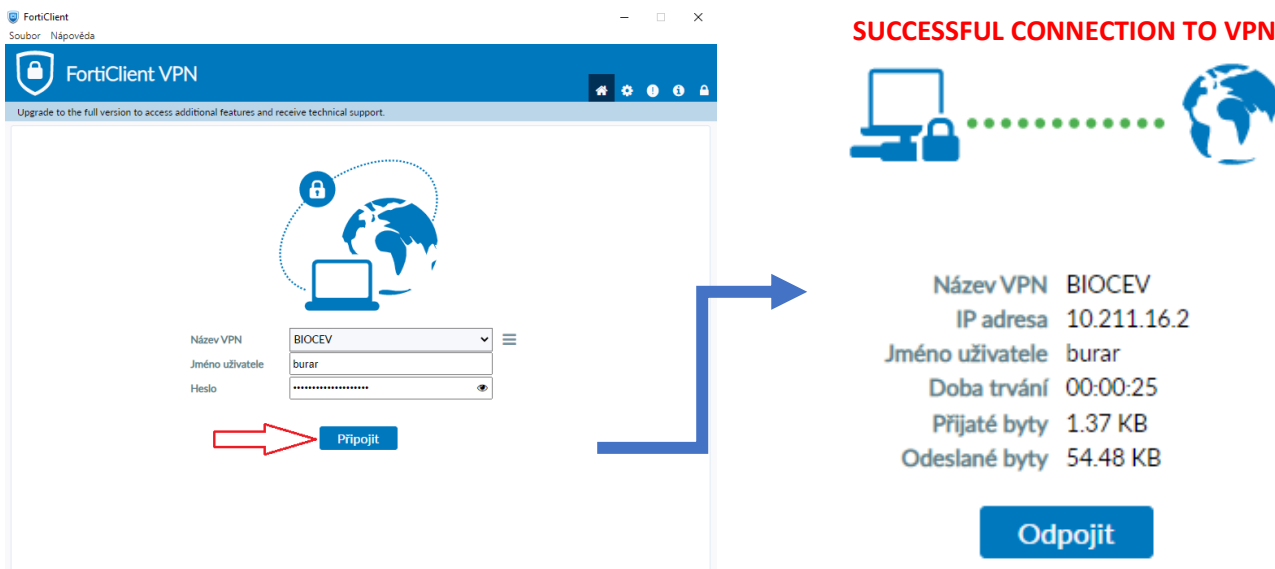
7) To connect to FlowJo license from home (and not just from your BIOCEV office) – please **use the connection to BIOCEV server through FortiClient** first. Users outside Faculty of Science, BIOCEV, must ask IMCF staff (dalibor.panek@natur.cuni.cz) for access to RDC and VNC services. Please provide your BIOCEV user name for access via VPN and/or IP address for direct access from computers at BIOCEV.

8) The installation file (as a zip file = needs to be extracted) of **SEH UTN Manager can be downloaded** from **seh-technology.com** in **Tools section**. **Proceed with all steps** in the installation**. Choose Complete installation** type and desired install location (pre-filled location is desirable).
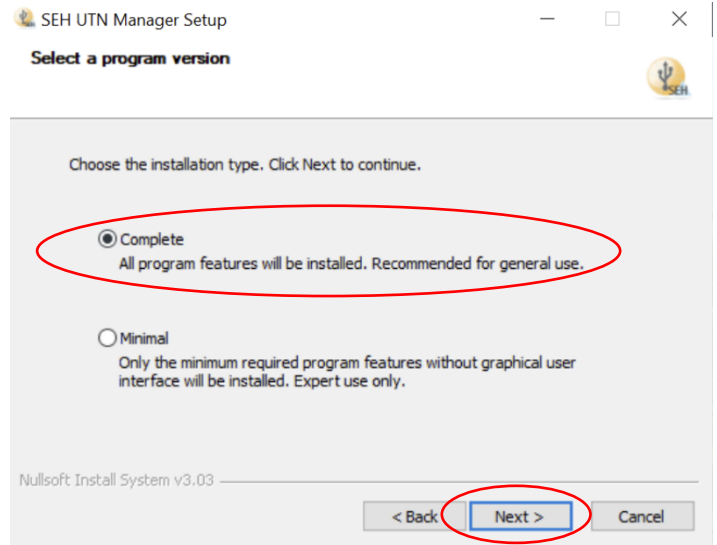
9) After installation is completed, open SEH UTN Manager. You must add the dongle server to your selection of licenses to activate. When the selection is empty a window pops up to notify you about empty selection list and guide you to add devices and UTN (dongle) servers, **press Yes**. **If not**, then the editor of selections can be accessed by **pressing Edit in the left-side bar in Selection List section**.
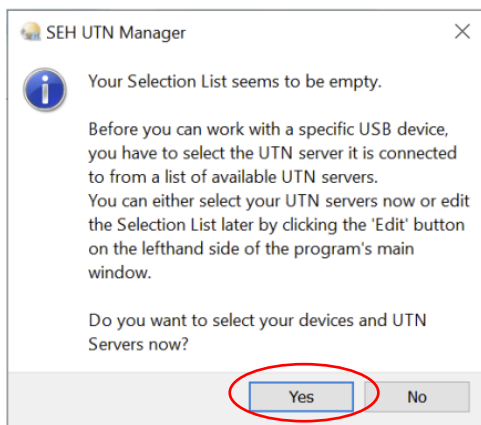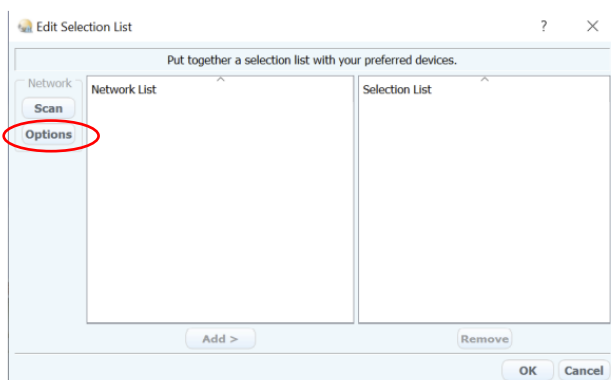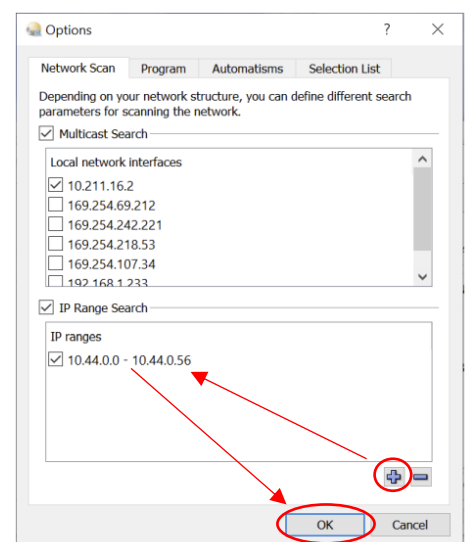

(a) Pop-up window.
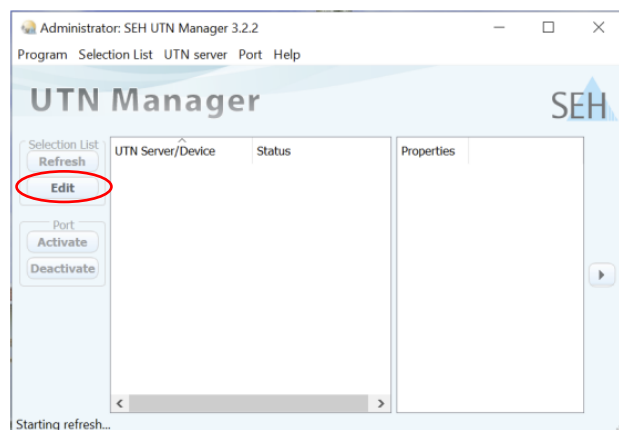
(b) Clink on Edit to enter Selection List editor.

10) In the Editor **click on Options** in the left-side bar (in the Network section. **In IP Range Search, click on the plus sign** (at the bottom) to add IP address range, where the server is located. **Add IP Range** as follows: **10.44.0.0 - 10.44.0.56. Press Ok.**
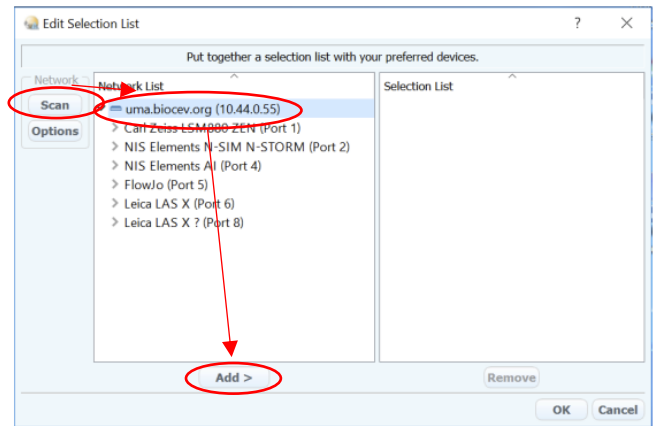

(a) Click on Options.

(b) Add IP range to scan.

11) **Click on Scan** in the left-side bar (in the Network section). When device **uma.biocev.org (10.44.0.55)** is added to the Network list, **choose the device** (click on it) and **press Add** under Network List section. The device/UTN server should be in the Selection List. **Press Ok.** The dongle (UTN) server is added and the licenses are accessible.
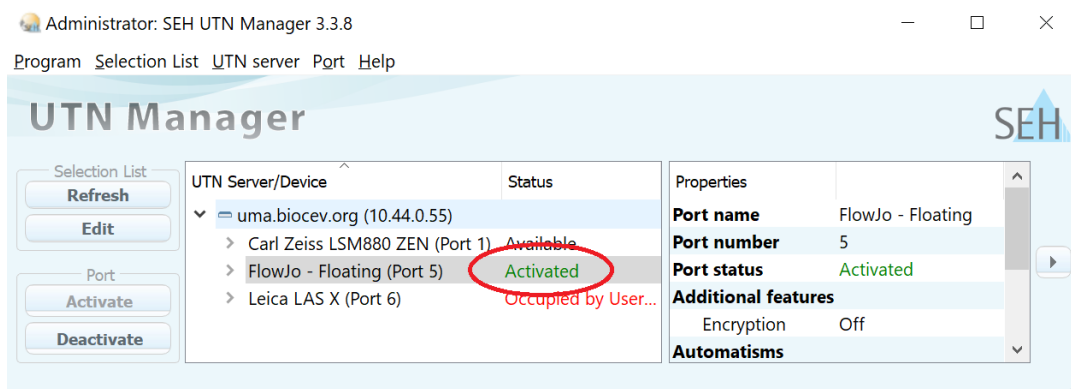

(c) Add the device to the Selection list.

12) In UTN manager, **activate „FlowJo – floating" dongle.**
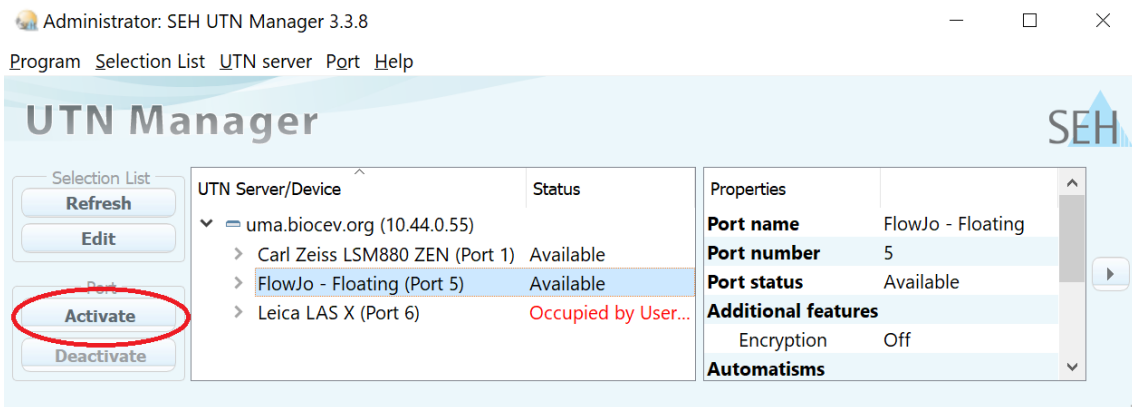
13) Status "Activated" will appear.

14) **Download and install FlowJo** from https://www.flowjo.com/solutions/flowjo/downloads. When asked for license during the opening installed FlowJo, please **choose „Use the hardware-based licence"** option.

15) After finishing your work, please don't forget to **deactivate FlowJo dongle in UTN manager**, otherwise other users cannot reach it – **THIS IS REALLY IMPORTANT!**