Kaluza remote access

There are 10 licenses of Kaluza Software placed to BIOCEV server, so you'll be able to use the software distantly - no need to come to cytometry lab.

There are **two ways** (in this workflow as **A** and **B**) how to access Kaluza remotely. **Way A is preferred**, way **B** is alternative to try when way **A** is not working.

A)

- 1. To connect to Kaluza licenses placed on server (from home and not just from your BIOCEV office), please connect to BIOCEV server through FortiClient (more details about FortiClient are on the internal version of the BIOCEV website).
- 2. Login to Kaluza on your computer (has to be previously installed from the original <u>website</u>) and follow the instructions below:

3.



4.



5.

| License Management | x |
|--|---|
| Select a license type | |
| | |
| Options: | |
| O Use a software-based license (product key or license file) | |
| Our Sea Shared site license | |
| Use an account of a site license | |
| O Use a dongle (hardware USB thumb) license | |
| ○ Continue to use trial license | |
| | |
| | |
| <pre>< Back Next > Cancel</pre> | |

6. Type in the IP address and add it by clicking +

| License Management | | | x |
|--------------------------|----------------------|---------|-----------|
| Manage shared | site key servers | | |
| Host name/IP a -ss: | 10.11.16.248 | | (|
| Shared site key servers: | | | |
| Host name / IP | | Default | Operation |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| [| < Back Next > Cancel | | |

7.

| License Management | | x |
|---|---------|-----------|
| Manage shared site key servers | | |
| Host name/IP address: Shared site key servers: | | • |
| Host name / IP | Default | Operation |
| 10.11.16.248 | ۲ | Î |
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| | | |
| | | |
| | | |
| < Back Next > Cancel | | |

8.



You can remotely connect to the PC in cytometry lab, where one license of Kaluza is already activated. First of all, you need to book your time slot in reservation system. PC is listed in equipment as Offline Analysis computer 5 FlowJo alias OA5 FlowJo - both softwares Kaluza and FlowJo are installed on same PC. This is the reason to prefer way A to connect to Kaluza, way B will block FlowJo PC for FlowJo users who do not have other option how to use FlowJo remotely, since we have only one license of this software.

- 1. To connect to BIOCEV server (from PC which is not in BIOCEV network) you have to use FortiClient (more details about FortiClient are on the intranet of BIOCEV website). 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.
- 2. Use Remote desktop connection. In Win8 and higher go to Start and start to write "remote desktop connection". Click on found app.



(in case you will have troubles to connect, please refer to Microsoft helpdesk. Usually is the problem in firewall restrictions).

3. Fill the IP address of FlowJo computer (10.11.16.60) and press connect

| | Remote Deskto | p Connection | - | | Х |
|----------------|------------------------------|--------------|---|-----|-----|
| | Remote Deskto Connection | p | | | |
| Computer | 10.11.16.60 | 2 | ~ | | |
| User name: | None specified | | | | |
| You will be as | ked for credentials when you | connect. | | | |
| | | | | | |
| Show O | otions | Connect | | Hel | р |
| | | Connoct | | 110 | r i |

B)

4. Use another account

| Windows Security | × |
|---|------|
| Enter your credentials These credentials will be used to connect to 10.11.16.60. | |
| Petra Grznarova MicrosoftAccount\grznarova.biocev Password | |
| Use another account | |
| ОК Са | ncel |

5. Fill out Login: User OA5 / Password: imcf and press OK

| Windows Security | × |
|---|------|
| Enter your credentials These credentials will be used to connect to 10.11.16.60. | |
| User OA5 MicrosoftAccount\User OA5 | |
| User OA5 User OA5 Domain: MicrosoftAccount | |
| Remember my credentials | |
| ОК Са | ncel |

6. Certificate verification window will appear. Just click Yes.

| 5 | Remote Desktop Connection | × |
|---------------------|--|---|
| | The identity of the remote computer cannot be verified. Do you want to connect anyway? |) |
| The rer security | note computer could not be authenticated due to problems with its v certificate. It may be unsafe to proceed. | |
| Certifi | cate name | |
| | Name in the certificate from the remote computer: pc-PC | |
| Certifi | cate errors | |
| The com | following errors were encountered while validating the remote outer's certificate: | |
| <u>^</u> | The certificate is not from a trusted certifying authority. | |
| Do you | want to connect despite these certificate errors? | |
| Dor | 't ask me again for connections to this computer | |
| View | Yes No | |

7. You will get connected to the FlowJo PC. In case if different user was logged in before you, Windows will ask if you want to switch users. Click Yes. Remote desktop of FlowJo PC will appear.

Just open Kaluza analysis software and start the work.

| Koš | Microsoft Teams | | | | | | | | | | |
|------------------|--------------------------|----------------------|----------------------|--------------------|--------------------|---|--|--|-------|------------|-------------------|
| Google Chrome | | | | | | | | | | | |
| | | | Flowle V10- | SEH UTN Manager | Kaluza Analysis |) | | | | | |
| | | | | | | | | | | | |
| Microsoft | | | | | | | | | | | |
| Amire 2019.3 | AVG Business Security | Thorebis Finnware | Thoribide Optical | | | | | | | | |
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8. At the end of your session please close the Kaluza analysis software and quit remote desktop connection.

| H. H | 10.11.16.60 | - 8 | x | |
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