

VPN-DII configuration

May 2024 - versione 1.4

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1. Prerequisites

The operating system and all software components (drivers/antivirus) of your device must be updated.

1.1. Supported operating systems

- Windows 11, Windows 10
- macOS 14, macOS 13, macOS 12, macOS 11
- Linux¹

Please note that the IT staff does not provide support on personal PCs and devices, but only on Departmental ones.

¹ It's possible to install a linux version from the [official](#) site and [remmina](#) as RDP client

1.2. IT Services

Once the connection to the VPN is made, all computing services offered by the Department will be available:

1. Direct access via Remote Desktop Connection/SSH to their workstations from computing (Windows/Linux)
2. Access to shared folders (Scanners, Groups, Aree Riservate)
3. Access to all network software licenses

PLEASE NOTE.

The VPN should not be used for file transfer, refer to the use of filesender or Cloud storage (e.g. WeTransfer, Filesender Garr², Dropbox, Gdrive, etc.) for this type of service.

2. Configuration and connection

2.1 Windows

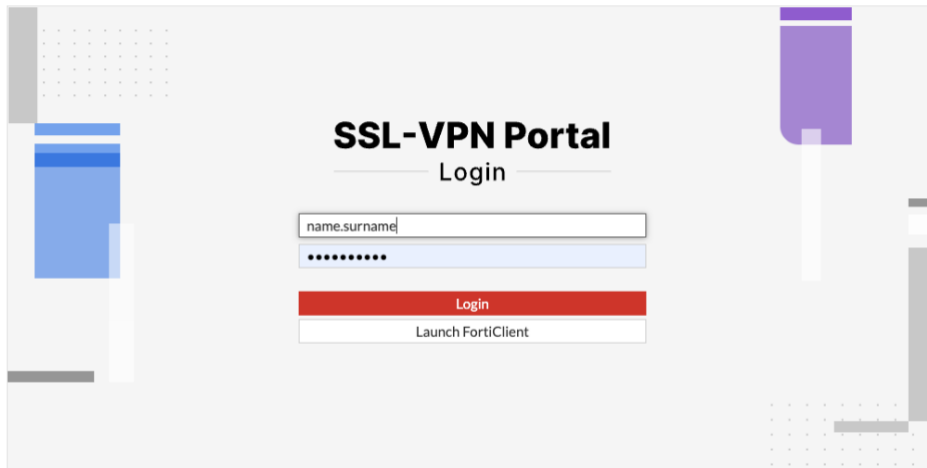
2.1.1 Configuration

Attention:

Steps 1 to 4 of the configuration should be done only the first time.

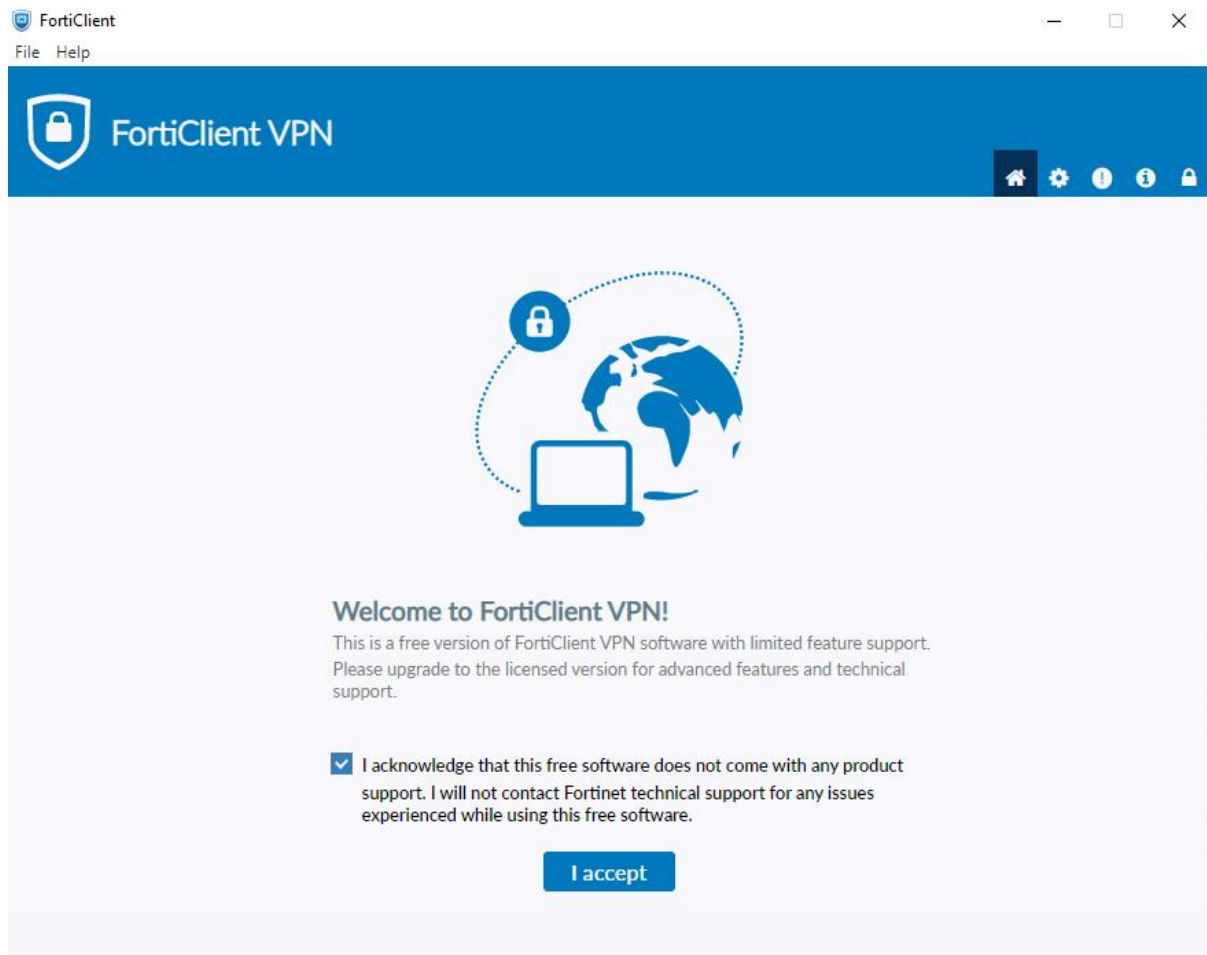
Step 1: Open a browser and connect to the web page: <https://vpn.dii.unipd.it>, enter the credentials provided by email (the sender appears to be noreply@accessi.dii.unipd.it)

² FILE SENDER GARR: <https://filesender.garr.it/>



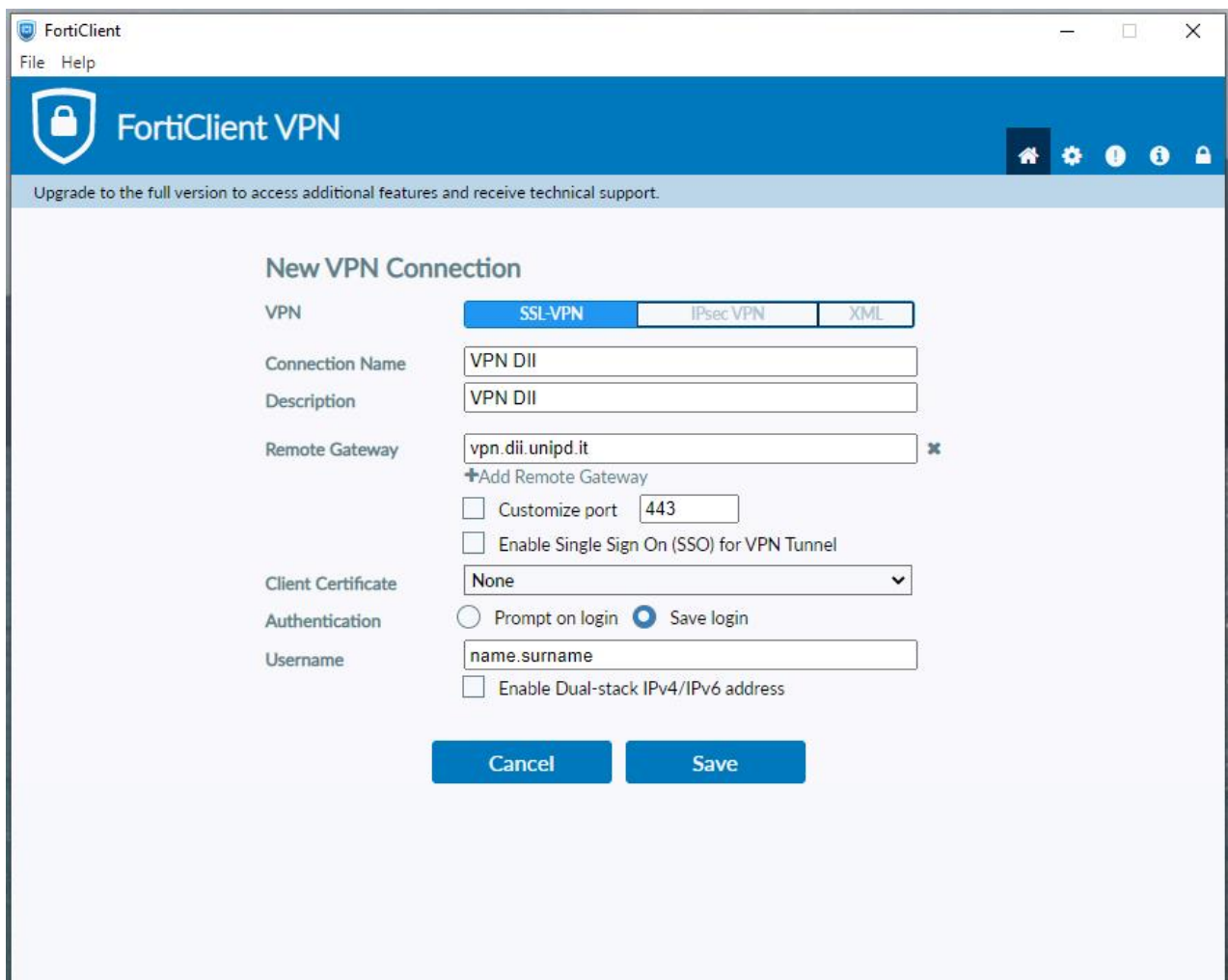
Step 2: Once logged into the web page that appears next click on the “Download FortiClient” button and select the Windows version and proceed with the installation after the download is complete.

Step 3: Start the “FortiClient VPN” program and proceed with the configuration:



click: “I accept”

Step 4: Configure VPN



The screenshot shows the FortiClient VPN configuration window. The title bar reads 'FortiClient' and the menu bar has 'File' and 'Help'. The main header is 'FortiClient VPN' with a shield icon and navigation icons (home, settings, help, info, lock). A message below the header says 'Upgrade to the full version to access additional features and receive technical support.'

New VPN Connection

VPN | **SSL-VPN** | IPsec VPN | XML

Connection Name: VPN DII

Description: VPN DII

Remote Gateway: vpn.dii.unipd.it ✕
+Add Remote Gateway

Customize port: 443

Enable Single Sign On (SSO) for VPN Tunnel

Client Certificate: None ▾

Authentication: Prompt on login Save login

Username: name.surname

Enable Dual-stack IPv4/IPv6 address

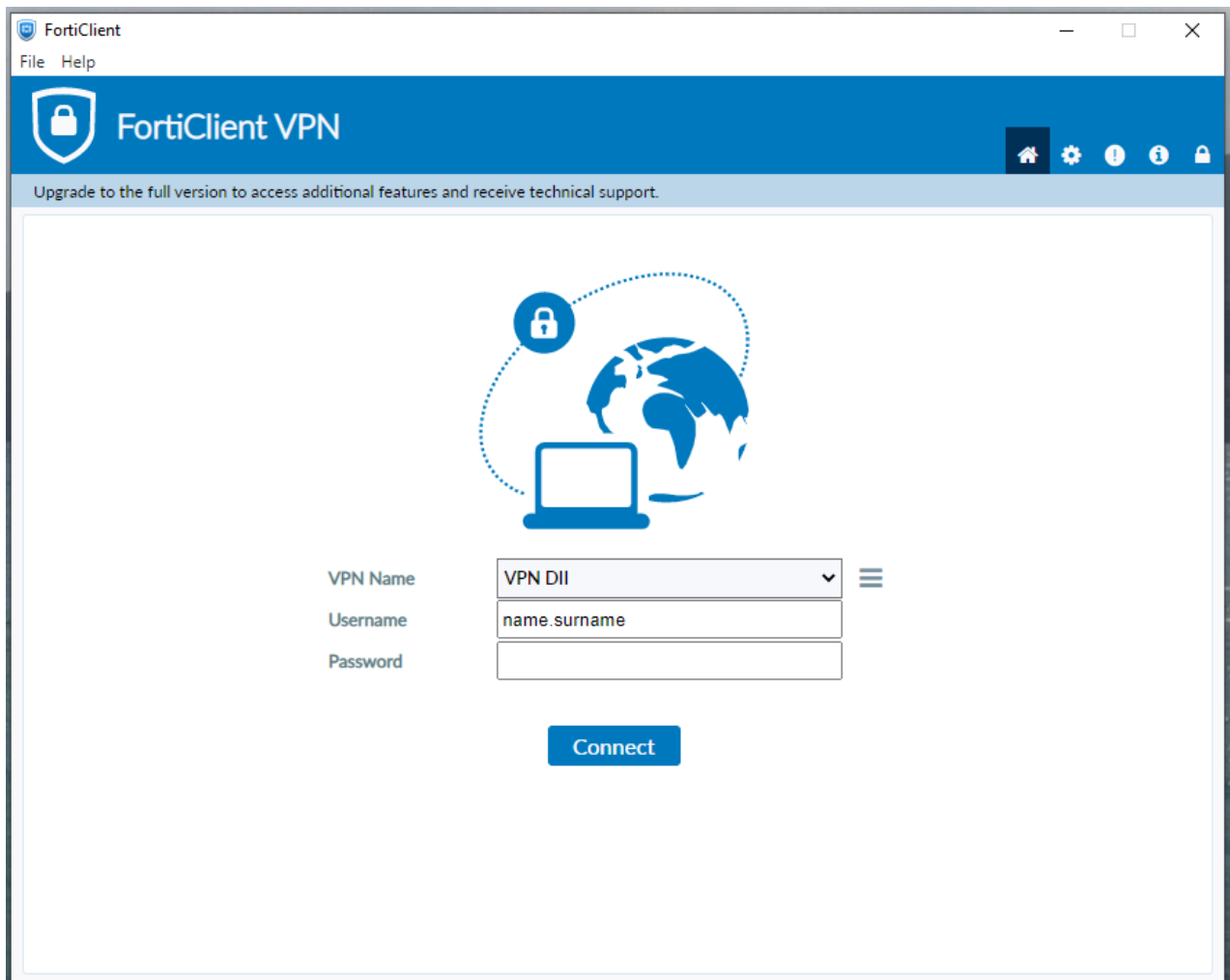
Buttons: Cancel, Save

enter the username provided and click **Save**.

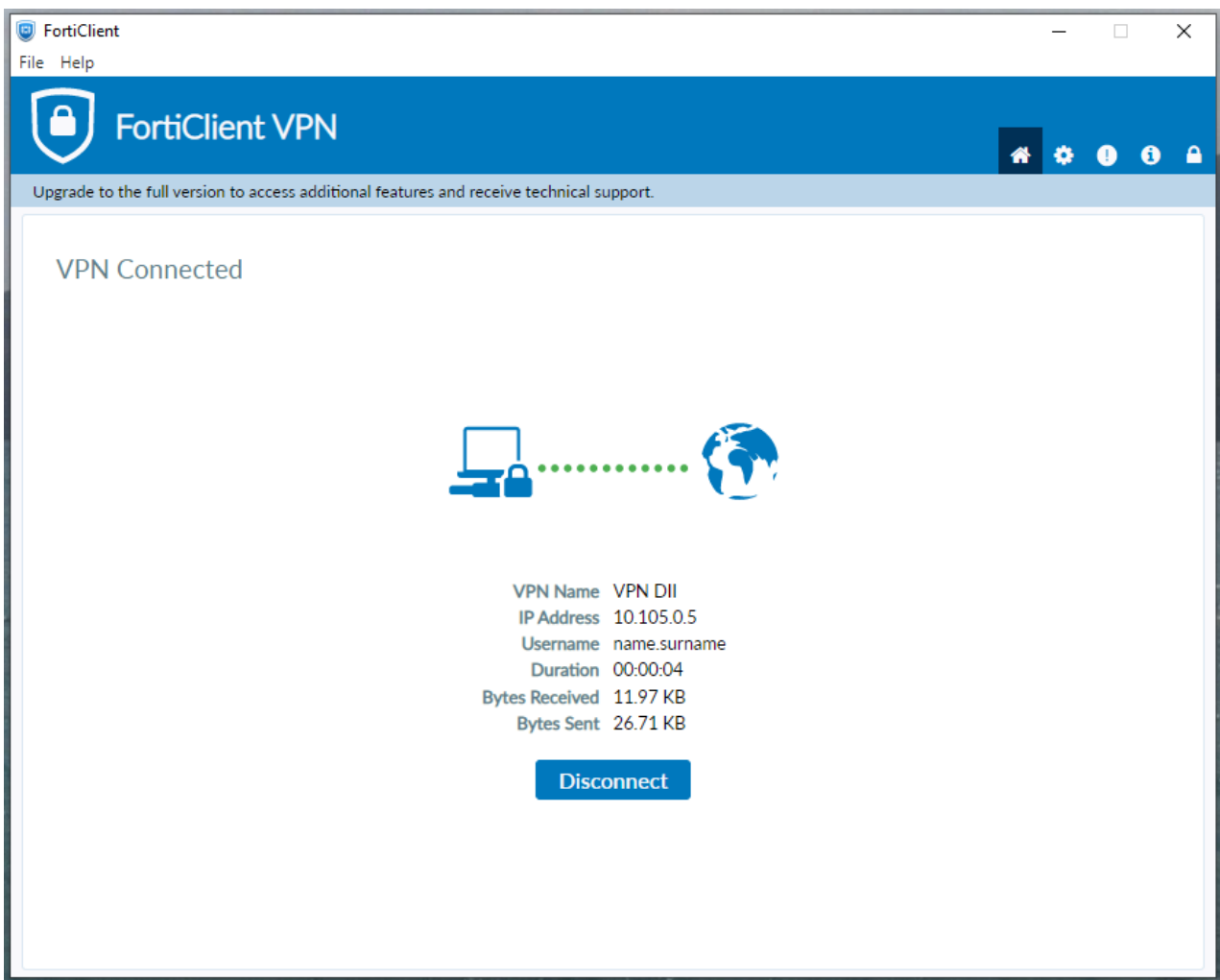
2.1.2 Connection

Step 1: Steps to be taken after configuration and with each subsequent connection after successful completion of configuration.

1. Enter the password that arrived via email with the subject line: “Account activation for VPN”
2. Press “Connect”



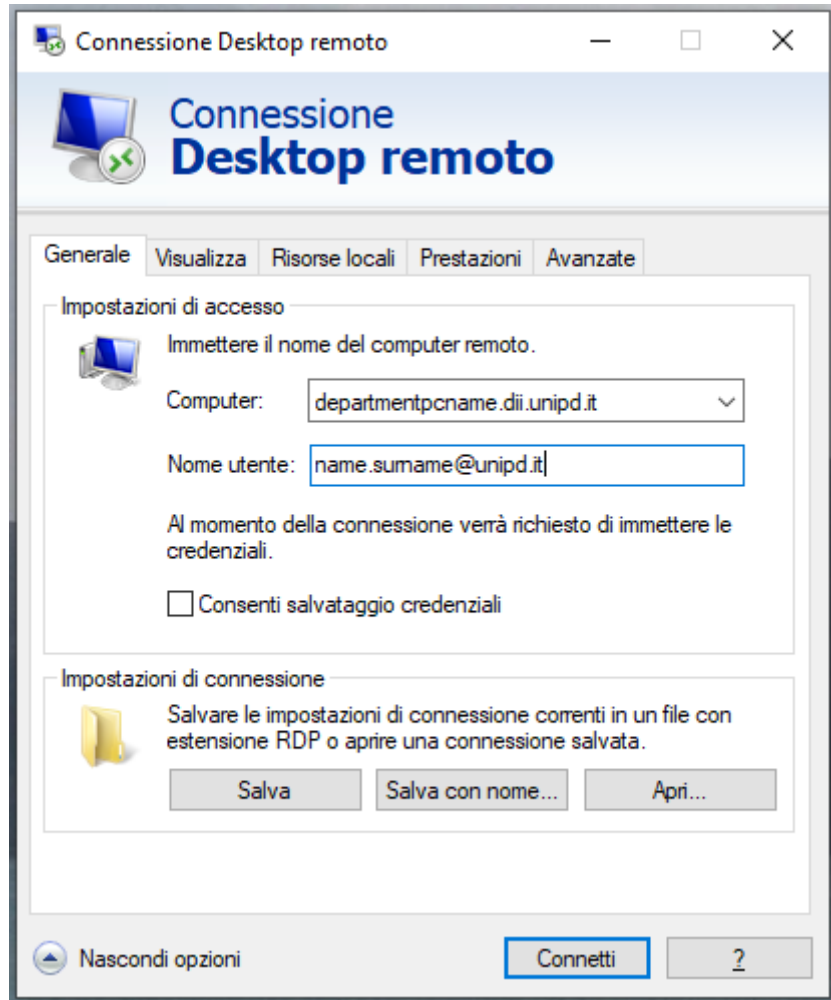
If everything was successful, the following screen will appear:



Step 2. From this point on, IT services can be accessed.

To access your workstation from a Windows-based computer/office PC, you need to use the "Remote Desktop Connection" app always available in Windows-based PCs.

Go to: "Start," search for and run the app: "Remote Desktop Connection" and configure it as follows:



The “**departmentpcname.dii.unipd.it**” is the “**Device Name**” found by right-clicking on: menu Start > Settings > System **and must be followed by .dii.unipd.it**.

For future reference, you can save this configuration by clicking on “Save As/Save As.”

Once you press the Connect button simply enter your SSO password. (N.B. SSO credentials are not saved).

Step 3. When finished, close the Remote Desktop Connection application and click on Disconnect in the Forticlient application.

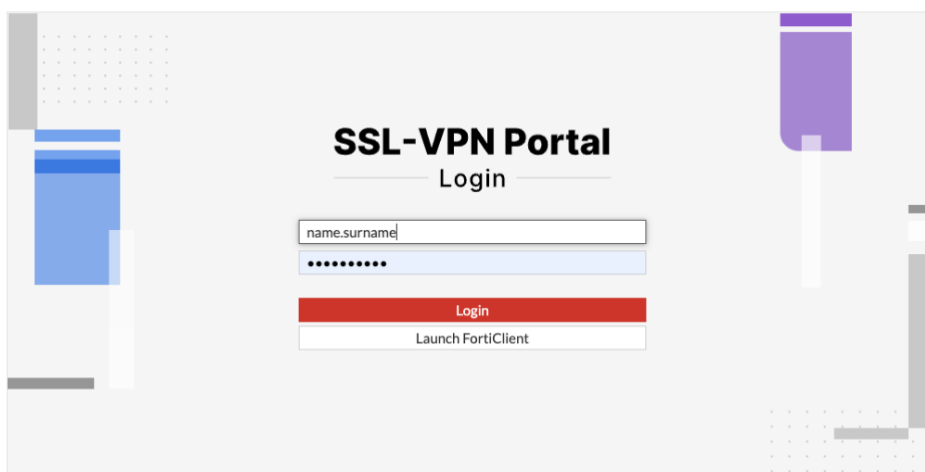
2.2 macOS

2.2.1 Configuration

Attention:

Steps 1 to 4 of the configuration should be done only the first time.

Step 1: Open a browser of your choice and connect to the web page: <https://vpn.dii.unipd.it>, enter the credentials provided by email (the sender appears to be `noreply@accessi.dii.unipd.it`)



Step 2: Once logged into the web page that appears next click on the “Download FortiClient” button and select the macOS version and proceed with the installation after the download is complete.

Portal-DII-Sysmen
Powered by FORTINET

Download FortiClient Launch FortiClient nome.cognome

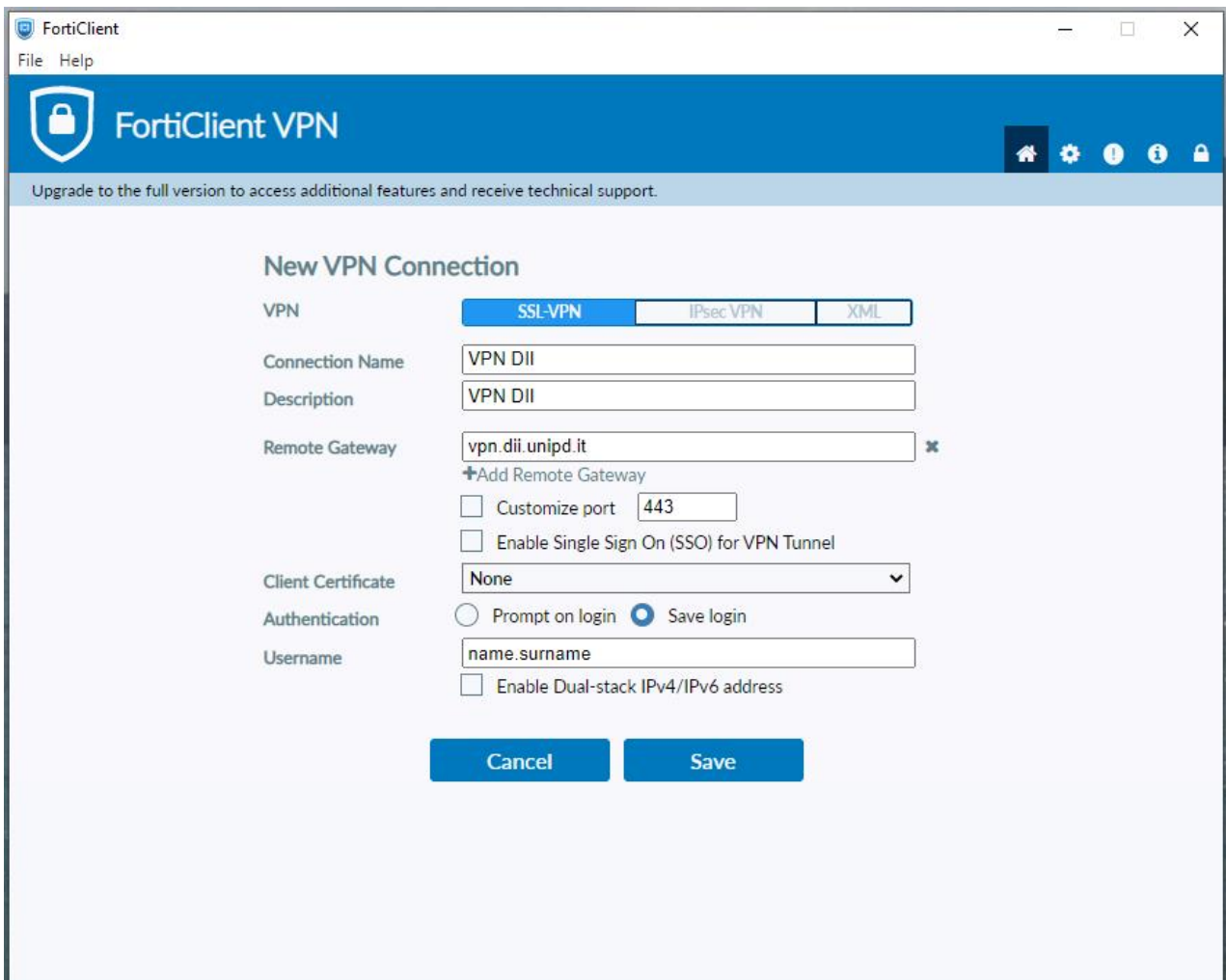
The SSL-VPN portal has been enabled for tunnel mode use only.
FortiClient is required to connect.

Portal-DII-Sysmen
Powered by FORTINET

Download FortiClient Launch FortiClient nome.cognome

The SSL-VPN portal has been enabled for tunnel mode use only.
FortiClient is required to connect.

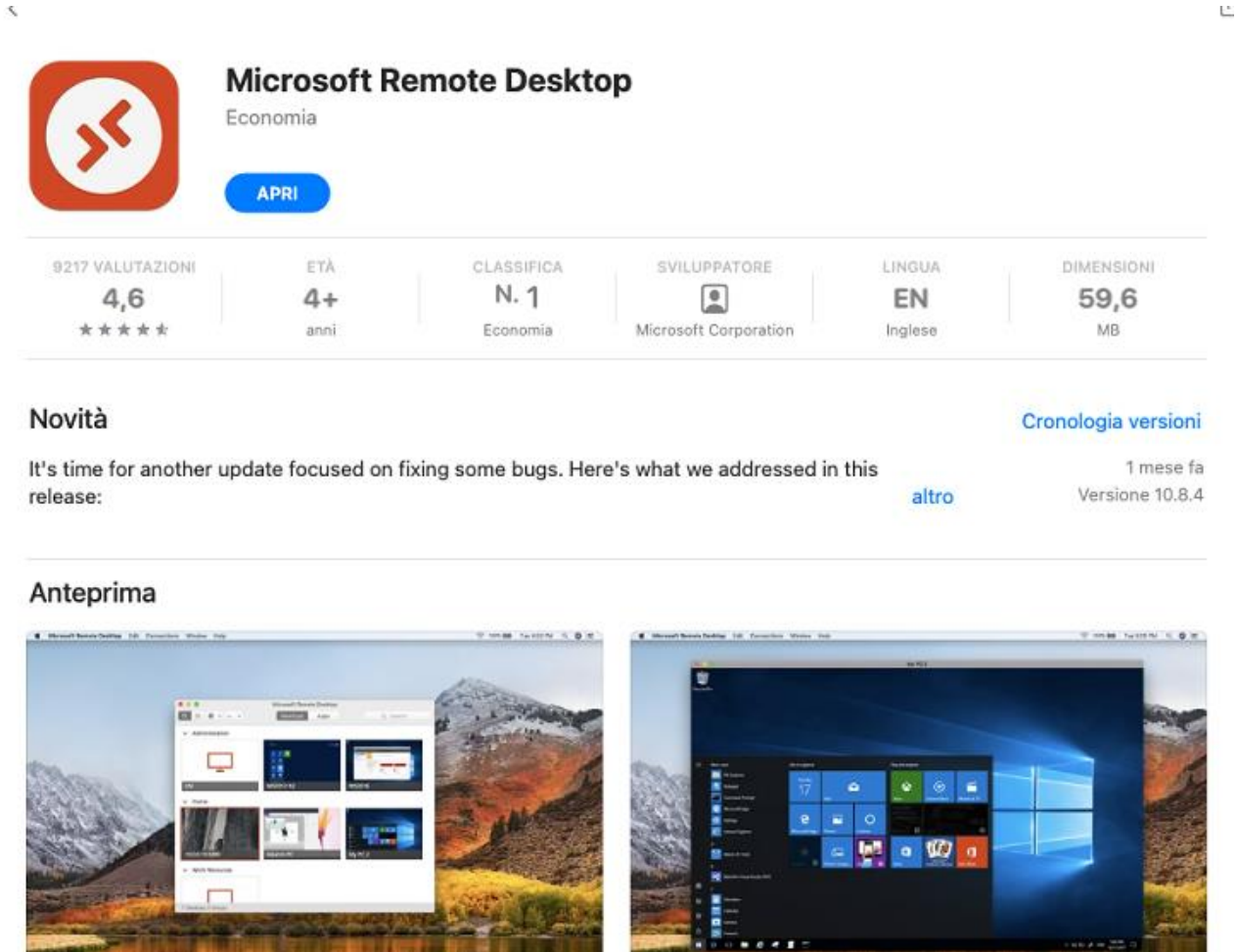
Step 3: Start the program “FortiClient VPN” click on “I accept” and then proceed with the configuration:



and click **Save**.

Step 4: To connect to the office PC download from the Apple Store the app: Microsoft Remote Desktop found at the following link:

<https://apps.apple.com/it/app/microsoft-remote-desktop/id1295203466?mt=12>

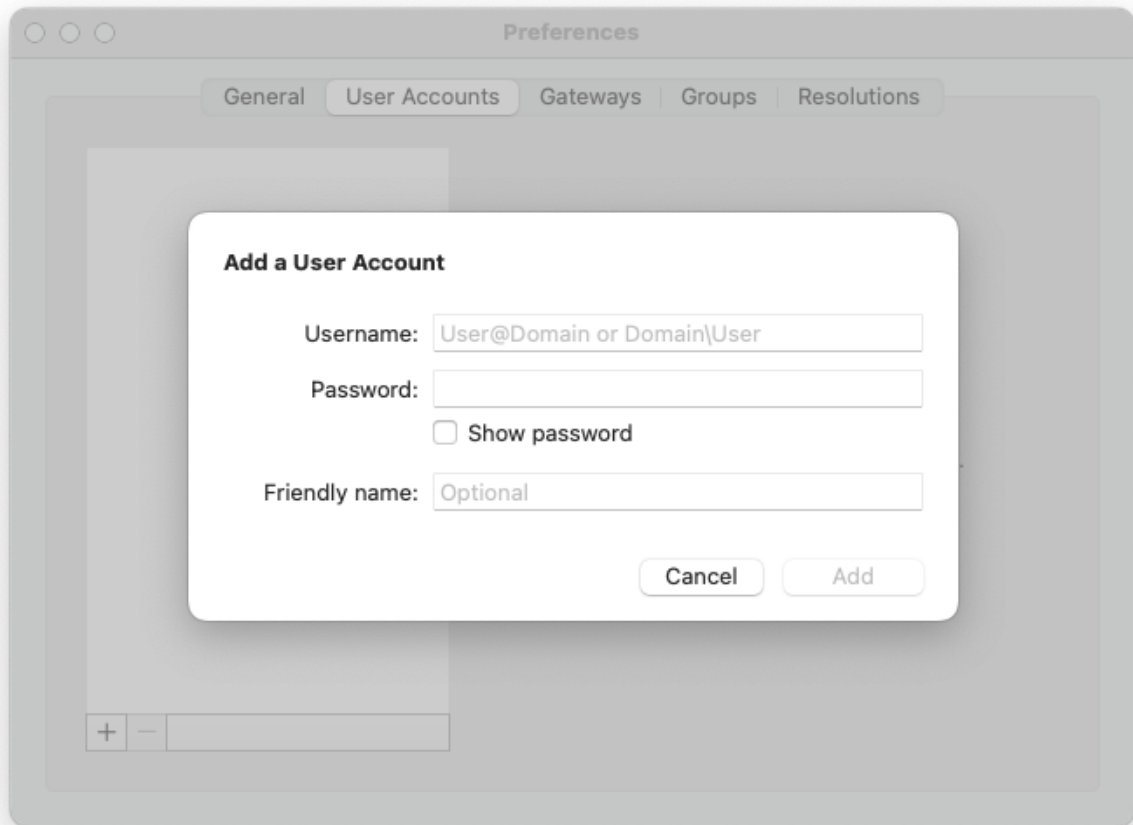


The screenshot shows the App Store page for Microsoft Remote Desktop. At the top left is the app icon, a red square with a white circle containing two red arrows pointing right. To its right is the app name "Microsoft Remote Desktop" and the category "Economia". Below the name is a blue "APRI" button. A horizontal bar below contains statistics: 9217 VALUTAZIONI with a 4,6 star rating (5 stars shown); ETÀ 4+ anni; CLASSIFICA N. 1 in Economia; SVILUPPATORE Microsoft Corporation; LINGUA EN (Inglese); and DIMENSIONI 59,6 MB. Below this is the "Novità" section with the text "It's time for another update focused on fixing some bugs. Here's what we addressed in this release:" and a link "altro". To the right is "Cronologia versioni" with "1 mese fa" and "Versione 10.8.4". The "Anteprima" section shows two screenshots: the left one shows the app's interface with a "Microsoft Remote Desktop" window open over a mountain landscape; the right one shows a Windows 10 desktop environment.

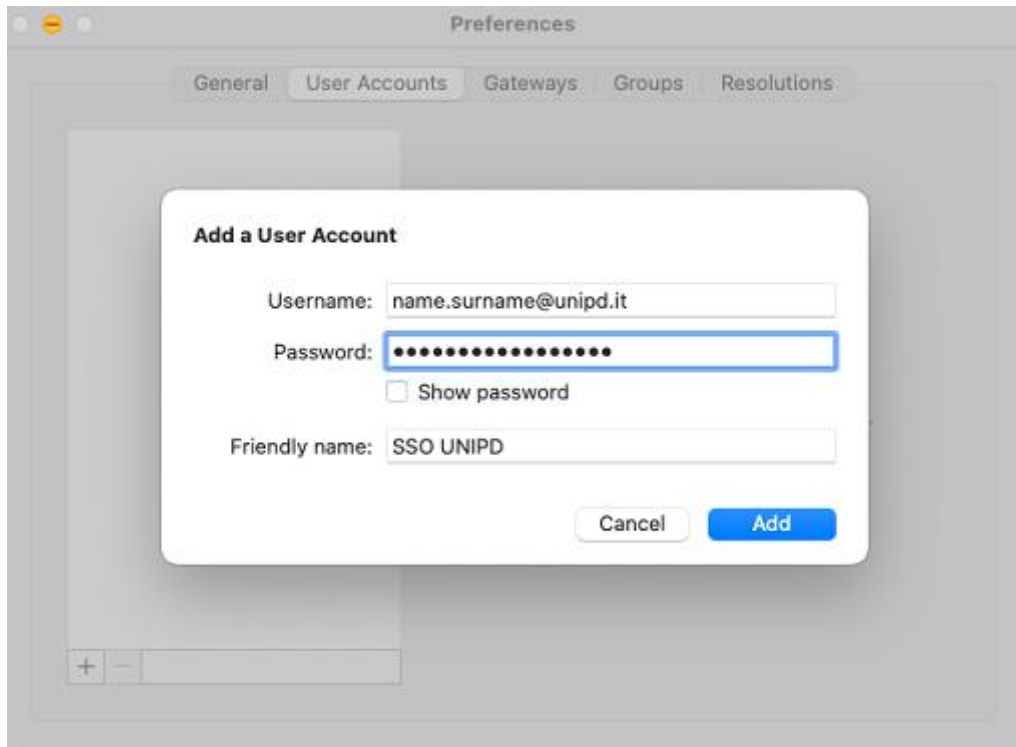
and start it.

Step 5: Save credential SSO/DII

In the top bar, select Microsoft Remote Desktop -> Preferences and select the "User Accounts" tab and finally on the +.



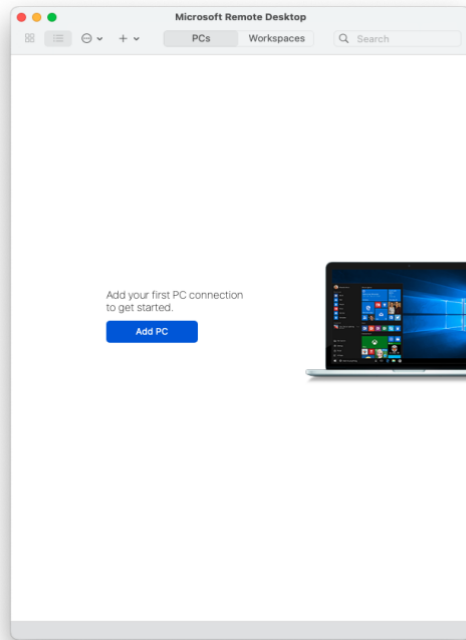
and configure.



and then click add.

Step 6: RDP

Now go back into the app and click on the blue “Add PC” button:



Edit PC

PC name:

User account:

General | Display | Devices & Audio | Folders

Friendly name:

Group:

Gateway:

Bypass for local addresses

Reconnect if the connection is dropped

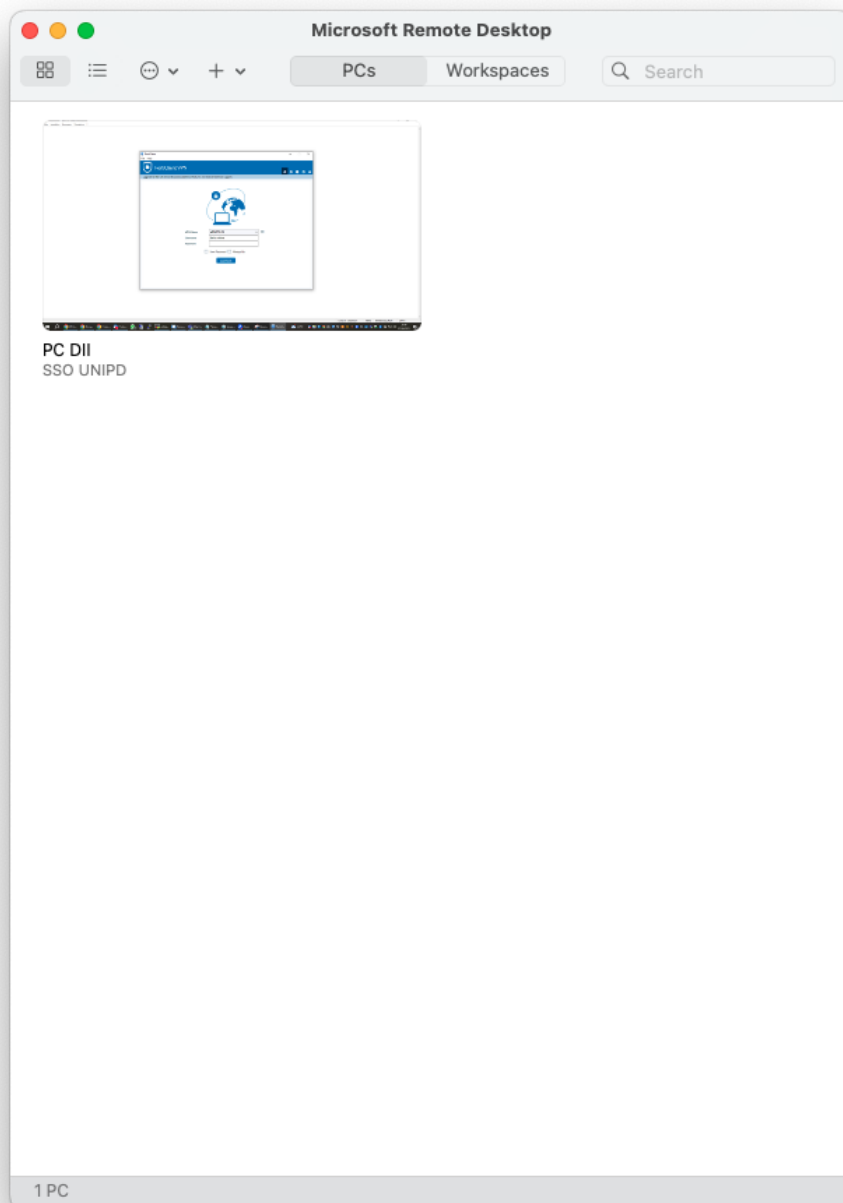
Connect to an admin session

Swap mouse buttons

and click Add.

The “**departmentpcname.dii.unipd.it**” is the “**Device Name**” found by right-clicking on:
menu Start > Settings > System **and must be followed by .dii.unipd.it**.
For future reference, you can save this configuration by clicking on “Save As/Save As.”

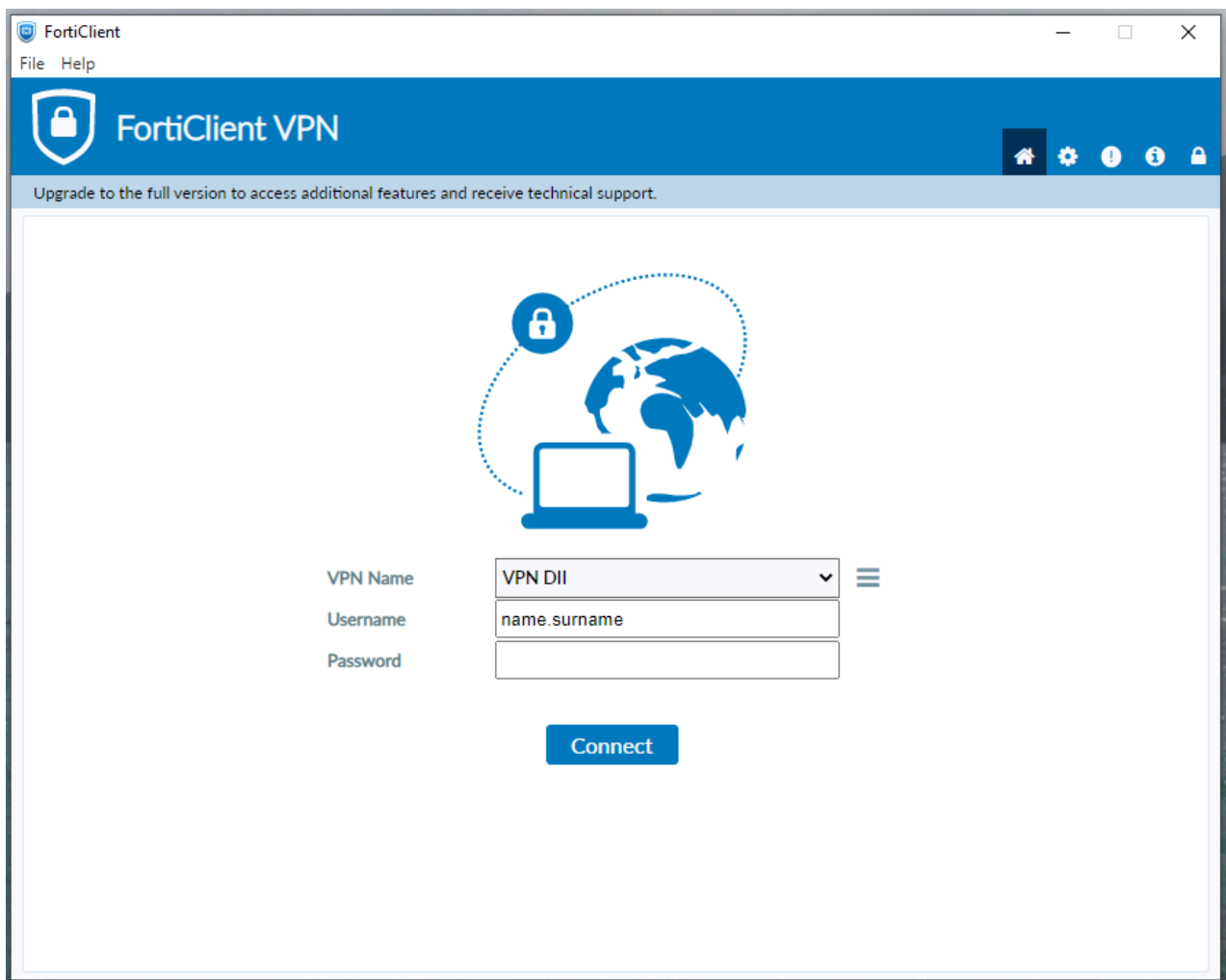
An icon appears as in the picture:

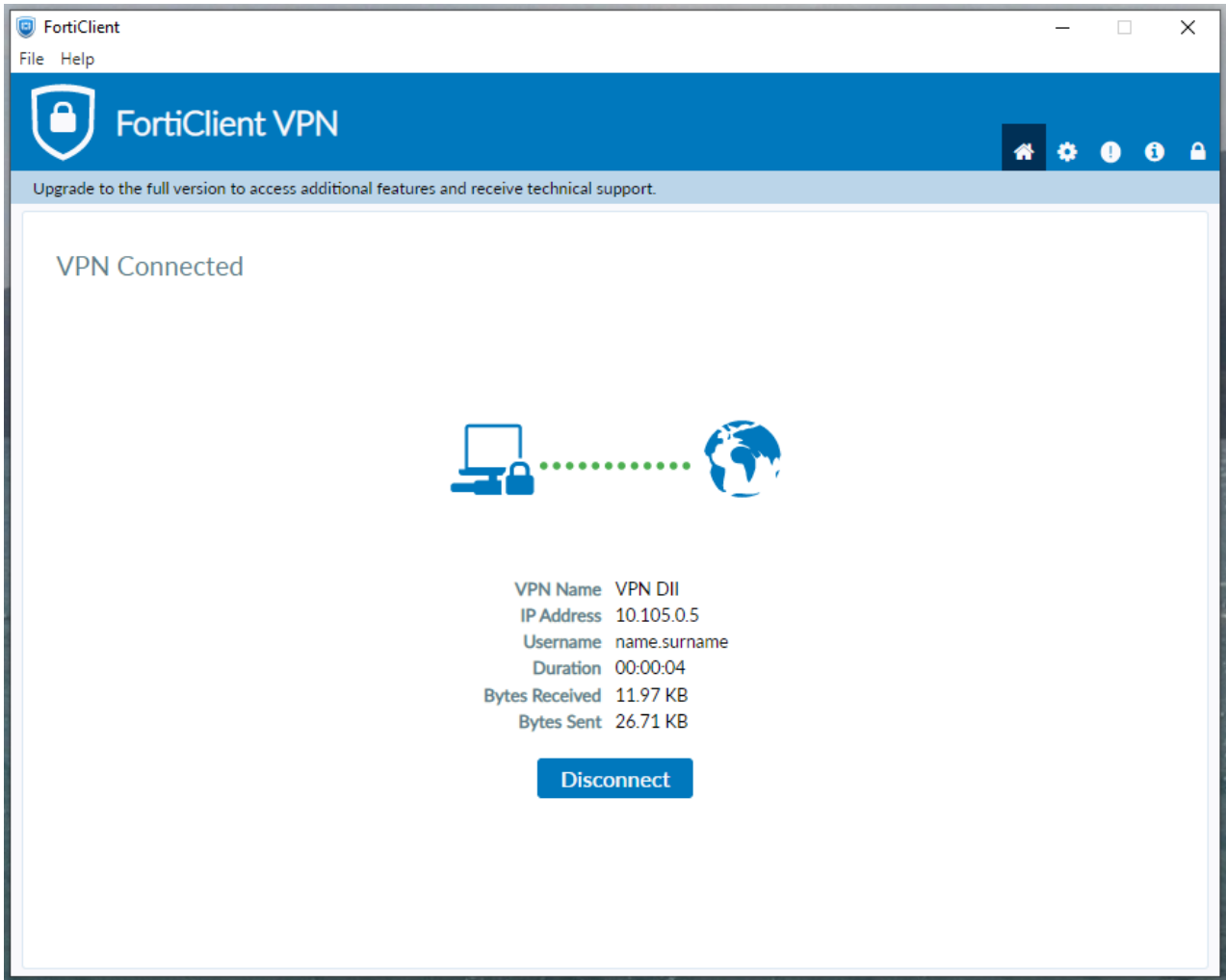


2.2.2 Connection

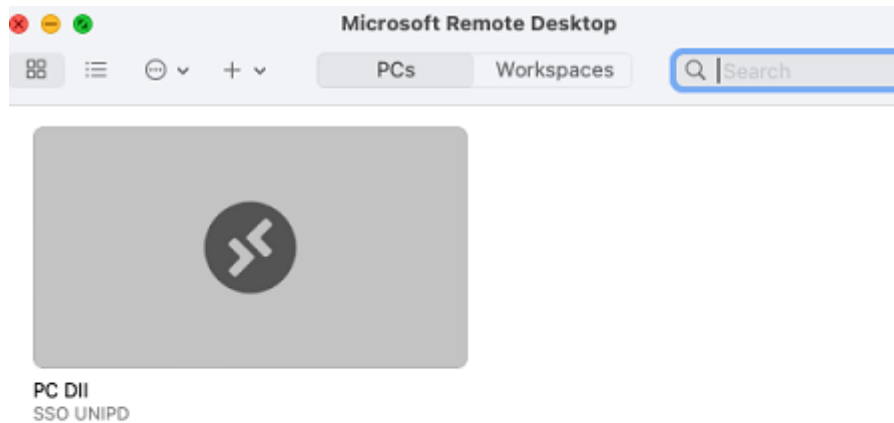
Steps to be taken after configuration and with each subsequent connection after successful completion of configuration.

Step 1: Connect





Step 2: Start “Microsoft remote desktop”



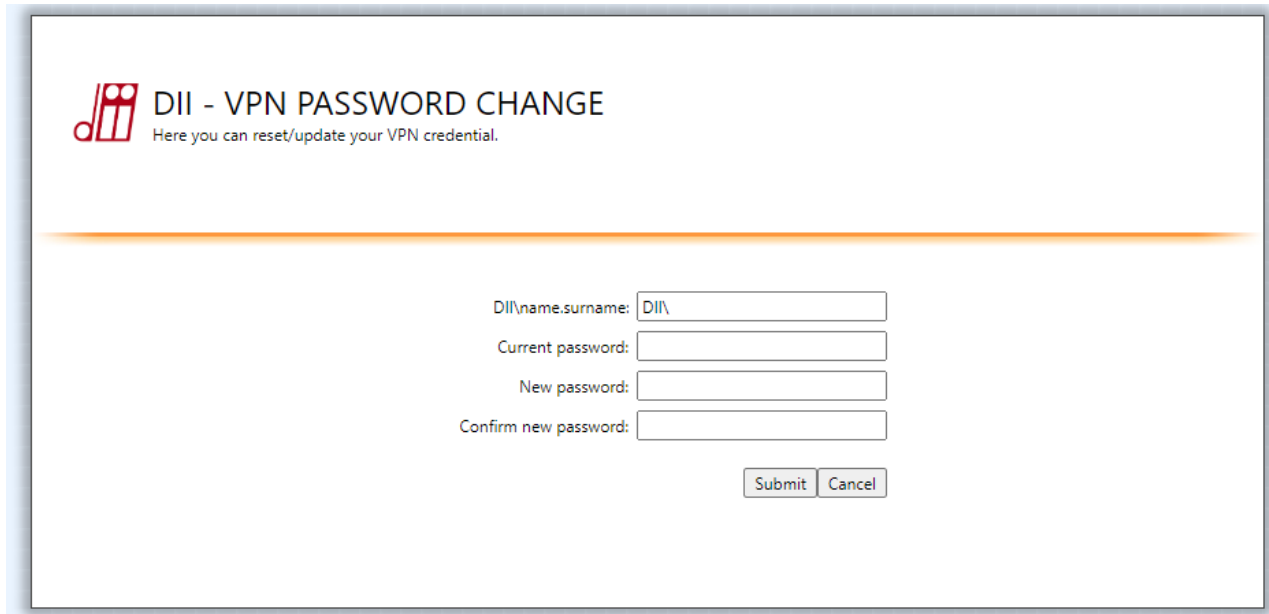
Double click on the PC DII / SSO UNIPD icon to connect to the pc.

3. Password change

Credentials for VPN access for security reasons **must be changed every 90 days**. Warning emails are sent for the expiring password.

3.1 Password change

Step 1: Connect to the vpn and then open any browser and connect to the web page: <https://usrpwd.dii.unipd.it/>. The following web interface will be displayed:



The screenshot shows a web form titled "DII - VPN PASSWORD CHANGE" with the subtitle "Here you can reset/update your VPN credential." The form contains four input fields: "DII\name.surname:" with the value "DII\" entered, "Current password:", "New password:", and "Confirm new password:". Below the fields are two buttons: "Submit" and "Cancel".


At this point it is necessary to fill in the fields like this:

- DII\name.surname
- the current password³
- New password and Confirm new password: enter the new password twice⁴

and finally click on the “Submit” button. If the operation was successful you will get a message like:

³ If you don't remember the password, request a new password through helpdesk.

⁴ The password must contain uppercase letters, lowercase letters, at least one number and at least one symbol and must be at least 12 characters long

 **DII - VPN PASSWORD CHANGE**
Here you can reset/update your VPN credential.

DII\name.surname:

Current password:

New password:

Confirm new password:

Your password has been successfully changed.

At this point you can proceed with the connection with your new credentials.

4 HELPDESK

For assistance open a ticket <https://www.dii.unipd.it/helpdesk> on the SERVIZI INFORMATICI::1 Account e servizi di rete.