

<b>TECHNICAL INFORMATION</b>	<b>TI-V-Power Cloud-0001v100EN</b>
<b>VPN Connection V-Connect / V9</b>	

<b>Type</b>	V-Power Cloud
<b>Software version</b>	All versions
<b>Required options</b>	Not required
<b>Use</b>	Fuji technical staff
<b>Date</b>	25/02/2016
<b>Version</b>	1.0.0
<b>Author</b>	xxxxxxxxxx
<b>Revised</b>	xxxxxxxxxx
<b>Approved</b>	xxxxxxxxxx
<b>Languages</b>	English

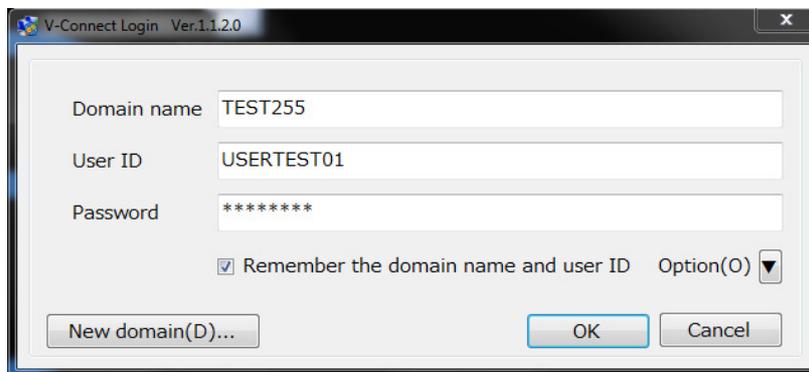
**Introduction.**

It is needed: V-Connect software, VPN license, log into the “V-Power Cloud” authentication server from the “V-Connect” management tool, settings in the V9 local menu.

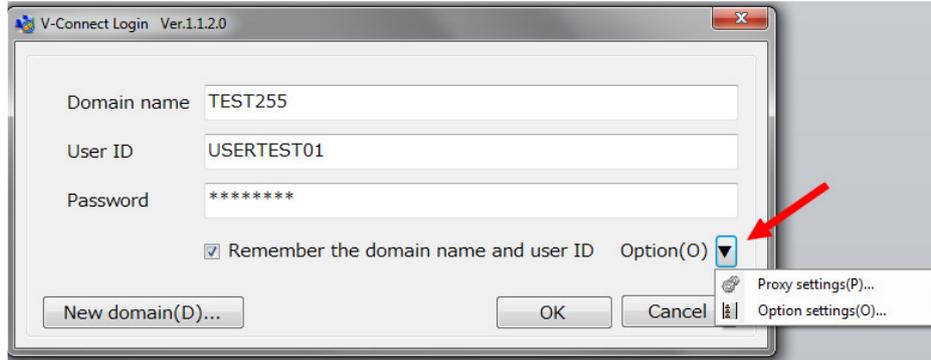
\* Always log in (in V-Connect) using the administrator ID immediately after domain creation.

**Procedure.**

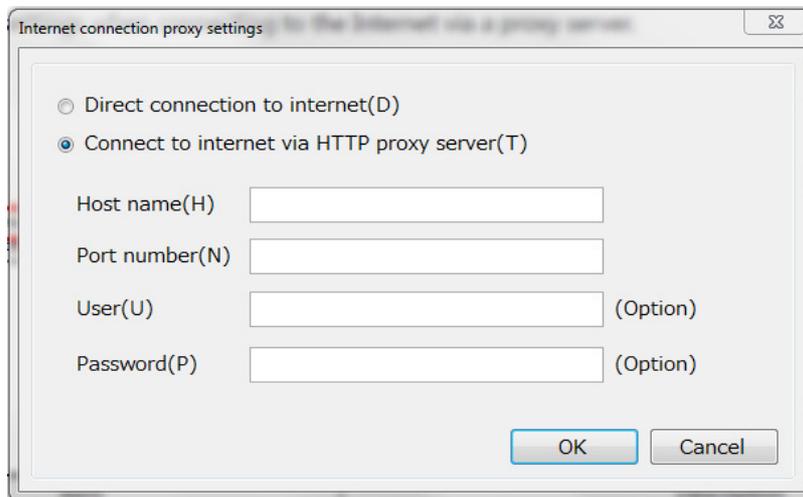
- 1- Install and start V-Connect.
  - 2- Enter the information (domain name/user ID/password) for the registered domain.
- To avoid having to enter the domain name and user ID from the next time V-Connect is started, select the [Remember the domain name and user ID] checkbox.



3- Configure the proxy settings and option settings.



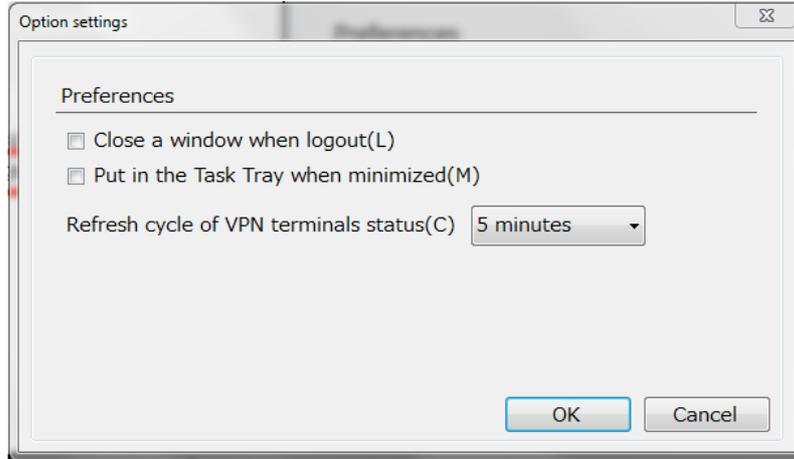
Proxy Settings:



Item		Description
Direct connection to internet		Connect to the Internet directly without using a proxy server in cases such as when connecting to a mobile router.
Connect to internet via HTTP proxy server <sup>*1</sup>	Host name	Set the IP address of the proxy server.
	Port number	Set the port number of the proxy server.
	User	Set the user ID for logging into the proxy server.
	Password	Set the password for logging into the proxy server.

\*1 For information on proxy server settings, consult your network administrator.

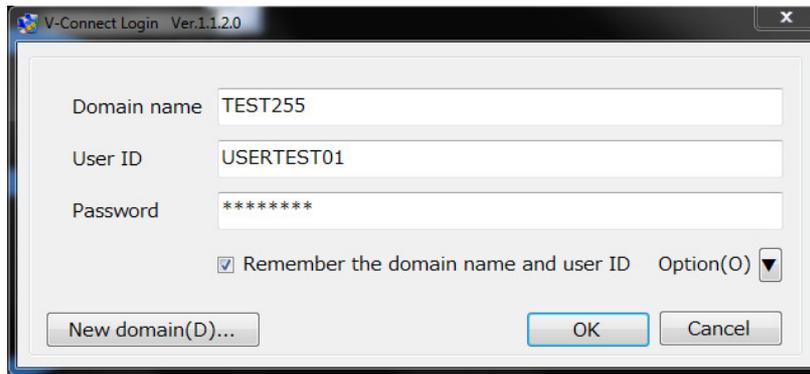
Options Settings:



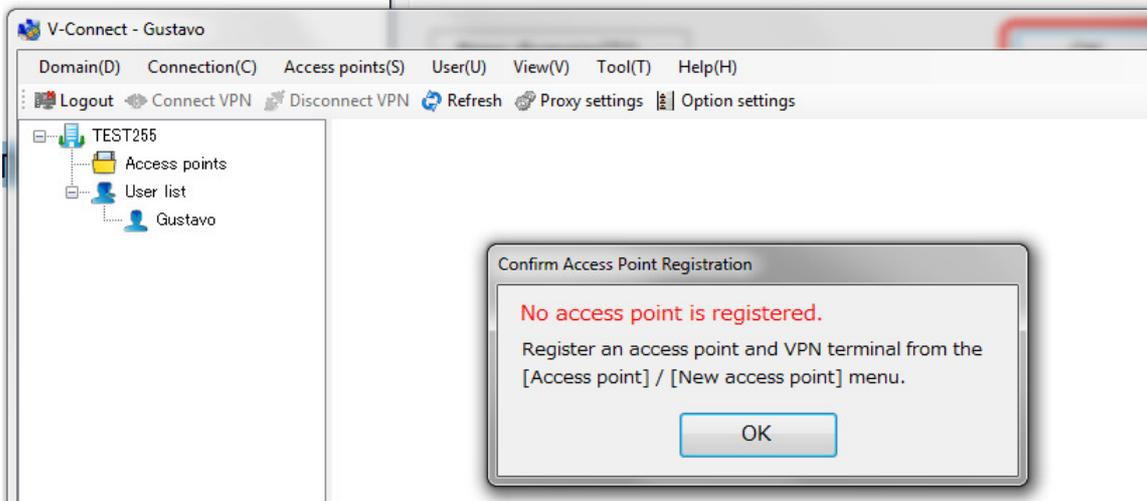
Item	Description
Close a window when logout	Selected: Close V-Connect after logging out. Unselected: Return to the V-Connect login window after logging out.
Put in the Task Tray when minimized	Selected: Display a management tool icon in the task tray when the window is minimized. Unselected: Display the management tool on the task bar when the window is minimized.
Refresh cycle of VPN terminals status	Set the cycle for refreshing the status of VPN terminal icons in the tree window. The information window is also refreshed when a VPN terminal is selected. None (no automatic refresh) <sup>*1</sup> /1 minute/5 minutes/10 minutes/30 minutes/60 minutes

\*1 Refresh the status by clicking [View] → [Refresh].

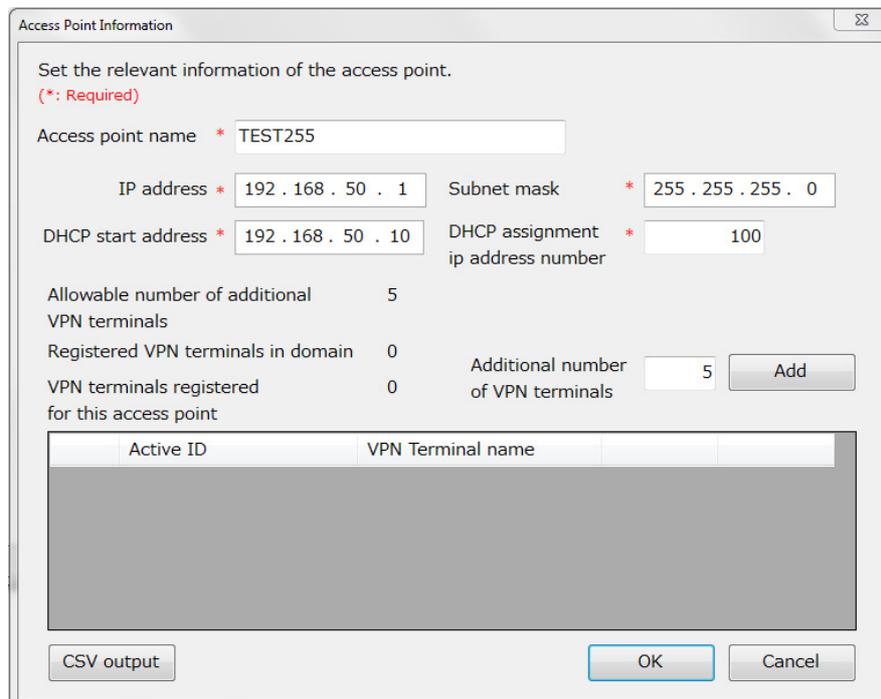
4- Return to the [V-Connect Login] window and click [OK].



5- The following window is displayed after successfully logging in and the following message is displayed if there are no registered access points.  
Register an access point, VPN terminals, and Users.



6- Use the “V-Connect” management tool to register access points and VPN terminals to the “V-Power Cloud” authentication server.  
Click [Access points] [New access point].  
The [Access Point Information] window is displayed and Set the access point information.



Item	Description	Remarks
Access point name	Access point name	Maximum of 100 characters
IP address	Virtual IP address of the access point *1	IPv4 address classes A through C can be specified.
Subnet mask	Subnet mask of the access point	
DHCP start address	Start IP address used when allocating virtual IP addresses *1 of VPN terminals (V9) using DHCP	
DHCP assignment IP address number	Maximum number of VPN terminals for allocating virtual IP addresses *1 using DHCP	0 to 254
Allowable number of additional VPN terminals	Allowable number of additional VPN terminals that can be registered	0 to 999 *2
Registered VPN terminals in domain	Number of VPN terminals that can be registered to the domain	
VPN terminals registered for this access point	Number of VPN terminals registered to the selected access point	
Additional number of VPN terminals	Register additional VPN terminals	0 to 999 *2
CSV output	Output VPN terminal information to CSV file	

\*1 Virtual IP addresses

IP addresses that are only allocated for the purpose of VPN connection. These IP addresses cannot be used for any other purpose.

\*2 The maximum number differs depending on the license type. Refer to "1.1.3 License"

7- Register VPN terminals (V9). Enter a value for [Additional number of VPN terminals] and click [Add].

The number of specified VPN terminals are temporarily registered.

Allowable number of additional VPN terminals: 0

Registered VPN terminals in domain: 0

VPN terminals registered for this access point: 0

Additional number of VPN terminals:  [Add]

	Active ID	VPN Terminal name		
+	6TChV02SgSS909A1	TERM006	Edit	Delete
+	6TChV02cgSj319A1	TERM007	Edit	Delete
+	6TChV02LgCS919A1	TERM008	Edit	Delete
+	6TChV02cgSS529A1	TERM009	Edit	Delete

CSV output [OK] [Cancel]

8- If VPN terminal information requires modification, click [Edit] to modify and [OK] to accept the changes.

VPN Terminal Information

Set the relevant information of the VPN terminal.  
(\*: Required)

Active ID: 6TChV02SgSS909A1

VPN terminal name: TERM006

DHCP  Static IP

IP address: . . .

Subnet mask: . . .

Local network1: . . . Local network2: . . .

Subnet mask: . . . Subnet mask: . . .

[OK] [Cancel]

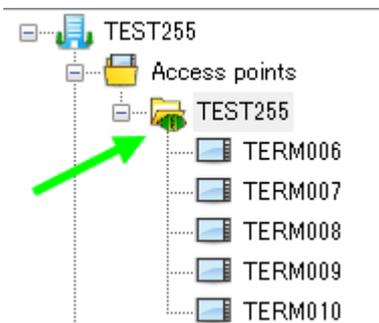
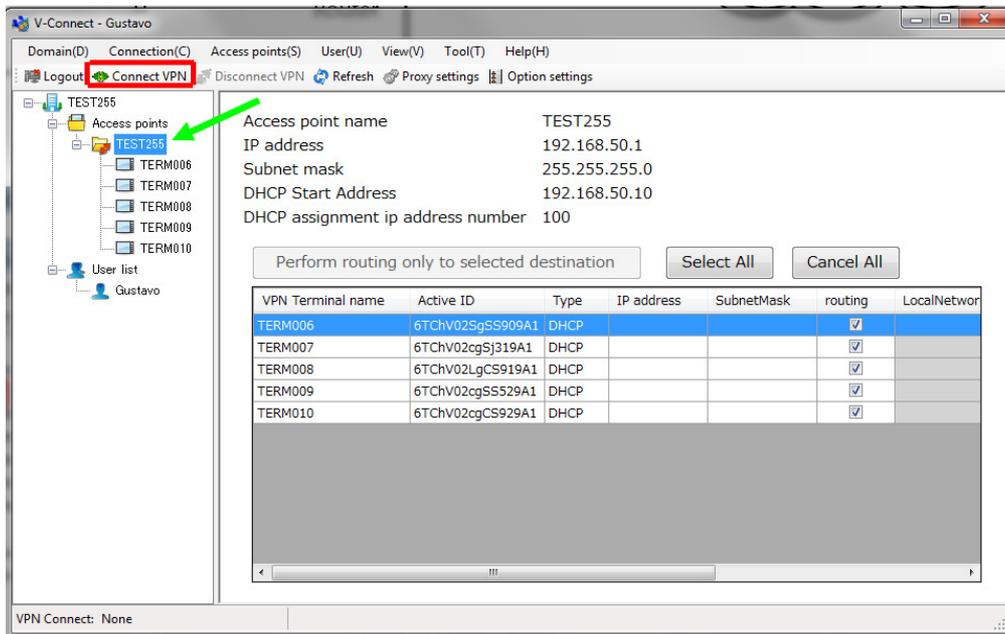
Item	Description	Remarks
Active ID	VPN terminal ID This ID is automatically issued by the authentication server.	Registered VPN terminals can be updated by clicking [Delete] → [Add].
VPN terminal name	Name of the VPN terminal	
DHCP *1 Static IP *2	IP address allocation method for the VPN terminal	[DHCP]: Automatically issued from the server
IP address	IP address of the VPN terminal	[Static IP]: User-defined
Subnet mask	Subnet mask of the VPN terminal	
Local network1	Address of local network 1 of the VPN terminal	Settable with LAN2CH and LAN3CH types
Subnet mask	Subnet mask of local network 1 of the VPN terminal	
Local network2	Address of local network 2 of the VPN terminal	Settable with LAN3CH type
Subnet mask	Subnet mask of local network 2 of the VPN terminal	

\*1 The IP address may change because it is automatically allocated by the server.

\*2 The set IP address and subnet mask are always allocated.

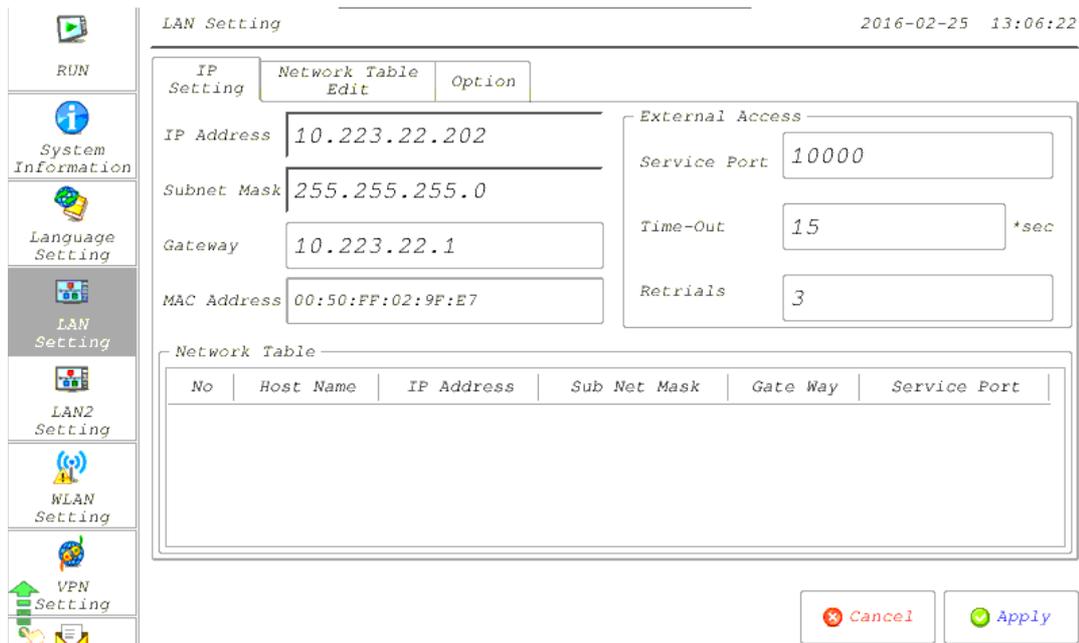
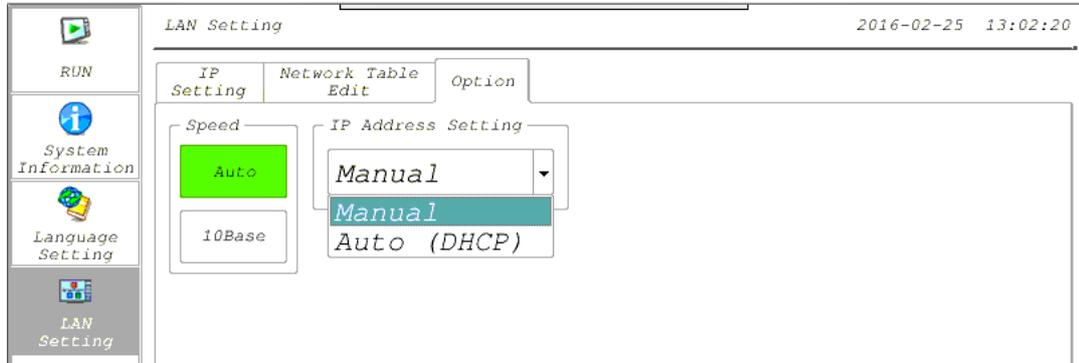
9- When all VPN terminal settings are configured, click [OK]. The access point and VPN terminal are registered to the authentication server.

10- Connect the “V-Connect” management tool to the “V-Power Cloud” access point. Select an access point in the tree window. Click the [Connect VPN] icon or [Connection] · [ConnectVPN]. A VPN connection is established.



The green icon shows that a connection is established.

- Connect into the "V-Power Cloud" authentication server from V9 OS.  
Enter in V9 local mode.  
Configure LAN settings in order to connect V9 to internet. It is possible to set IP manually or using DHCP.  
Save changes pressing apply button.



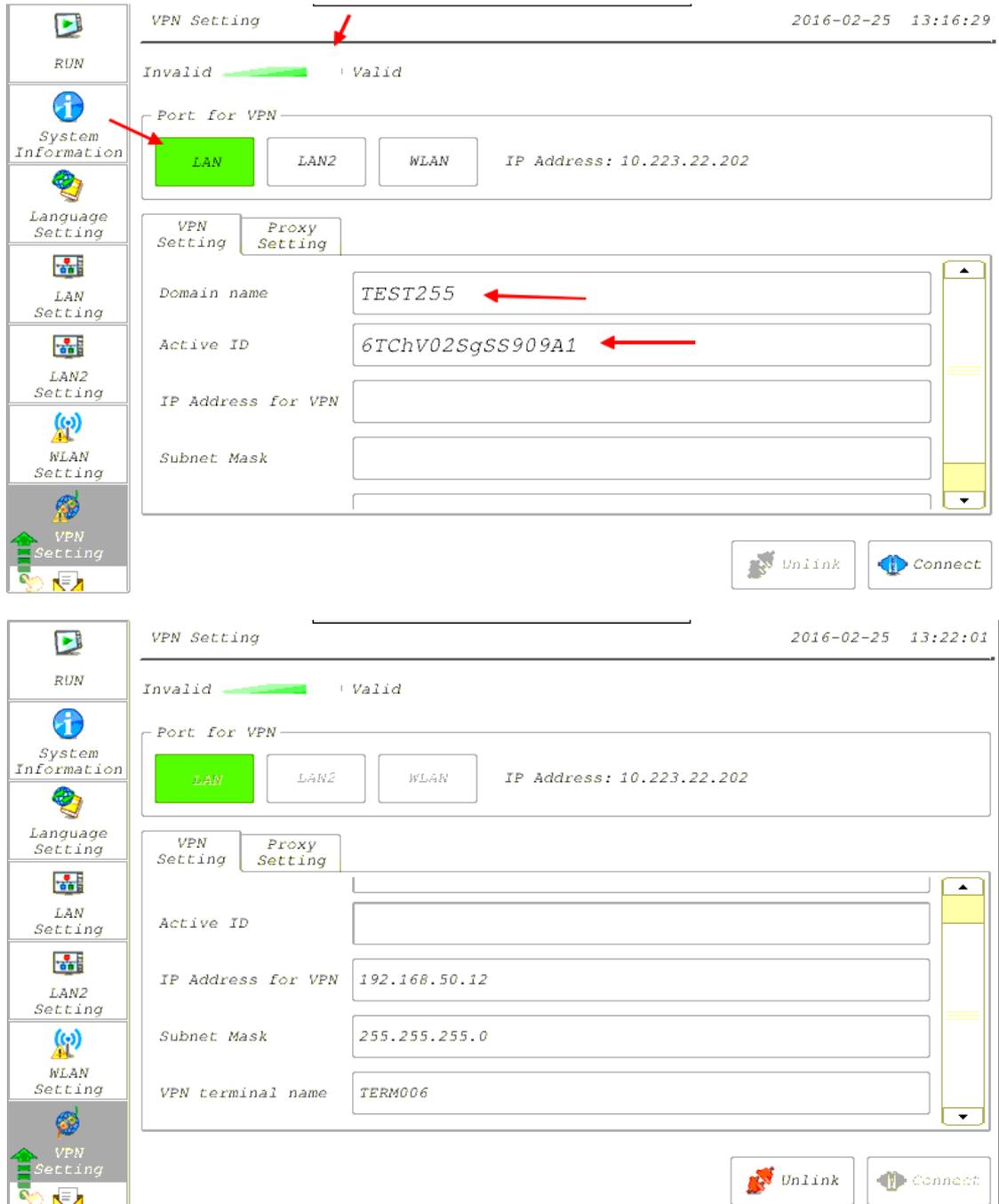
- Configure the VPN.

To enable the VPN settings use the upper slider switch and select [Valid].

Choose the LAN port which is connected to internet and fill the DOMAIN NAME and ACTIVE ID from your VPN domain data..

Then Press [Connect] to establish the VPN connection.

When connection is established, the IP Adress for VPN, Subnet Mask and VPN terminal name are shown in their respective fields.



**Document history.**

Version	Changes applied	Date	Written	Revised	Approved
0.0.1		25/2/2016			

--	--	--	--	--	--