

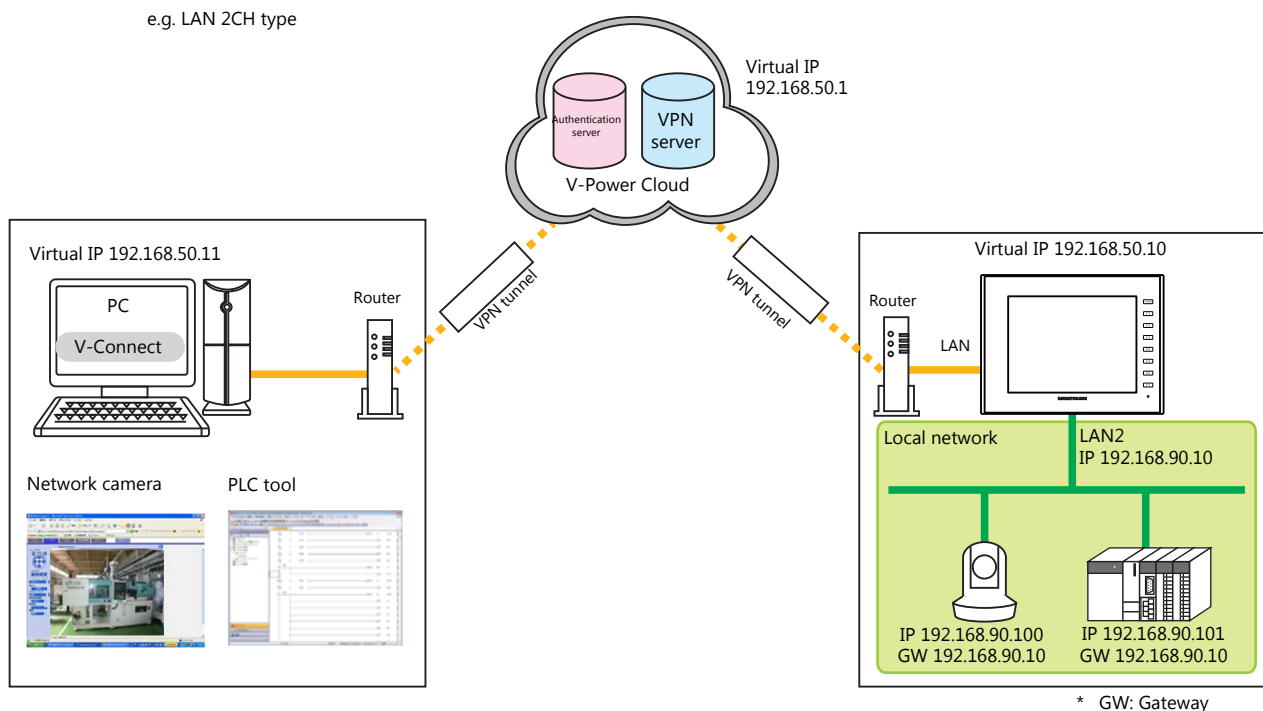
# 1 VPN Remote Access Service

## 1.1 Overview

### 1.1.1 VPN Remote Access Service

- Easily enables remote access using V-Power Cloud (VPN server/authentication server) and V-Connect (management tool) that are prepared by Hakko Electronics.
- Configurable by simply preparing an Internet-connected environment.  
Prepare an environment that can perform communications using encryption protocols including HTTPS. There may be severe restrictions on the use of encrypted communications in your country or region. Operation is not guaranteed in such countries or regions.
- Supports SSL-VPN to ensure safe remote access without any risk of eavesdropping or manipulation.
- Routing function  
Because the V10/V9 series unit features a built-in routing function, devices on the local network can also be accessed.

e.g. LAN 2CH type



- Remote operations available when connected to a VPN

Remote Operation	LAN 1CH type		LAN 2CH type		LAN 3CH type	
	Local IP	Virtual IP	Local IP	Virtual IP	Local IP	Virtual IP
Screen program transfer	○	○	○	×	○ *1	×
Remote monitoring and operation of V10/V9 series units (VNC server function)	○	○	○	○	○ *1	○
FTP communications (FTP server function)	○	○	○	○	○ *1	○
Remote monitoring and operation of PLCs connected via serial connection to V10/V9 series units (ladder transfer function)	○	○	○	×	○ *1	×
Remote monitoring and operation of network cameras on the local network where the V10/V9 series unit is located	○ *2	×	○ *2	×	○ *2	×
Remote monitoring and operation of PLCs on the local network where the V10/V9 series unit is located	○ *2	×	○ *2	×	○ *2	×

\*1 When using local IP of VPN connection port, local network and subnet mask settings are required manually in [VPN terminal information] of [Access points] on V-Connect. Refer to page 1-17.

\*2 Local IP of network camera or PLC