

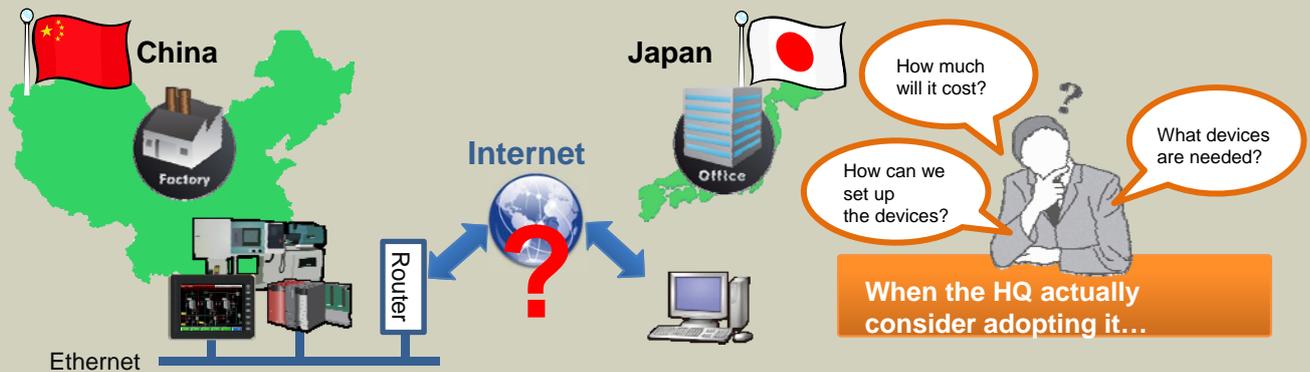
V9 series VPN feature -Part1-

NEW

There is a growing need for data collection and remote connectivity in recent years. However, concerns on security and cost sometimes becomes roadblocks to implement. This issue of MONITOUCH+EXPRESS introduces “V9 series VPN feature” which enables you to achieve secure remote connection easily at low cost .

Challenges on remote connection and its solution

Before: Japanese HQ wanted to monitor the system in China but they gave up because they did not have any knowledge on IT to establish the system.



<Challenges>

- Using dedicated lines is expensive.
- There is a concern in security if we use open internet connection.
- It is difficult to set up because settings such as routers is complicated.
- Global IP address is required.
- It is not possible to use customer's office lines.

V9 series VPN feature is a solution !



simple

Point 1

Remote connection can **easily be established** without special knowledge, such as router settings etc.



secure

Point 2

VPN tunneling and encryption provides **secure remote connection**. No worry about illegal access, wiretap, or Falsification is needed.



cost-saving

Point 3

All you need is an internet connection to establish remote connection.
You can reduce the cost for conventional dedicated lines.

Simple, secure,
and cost-saving!

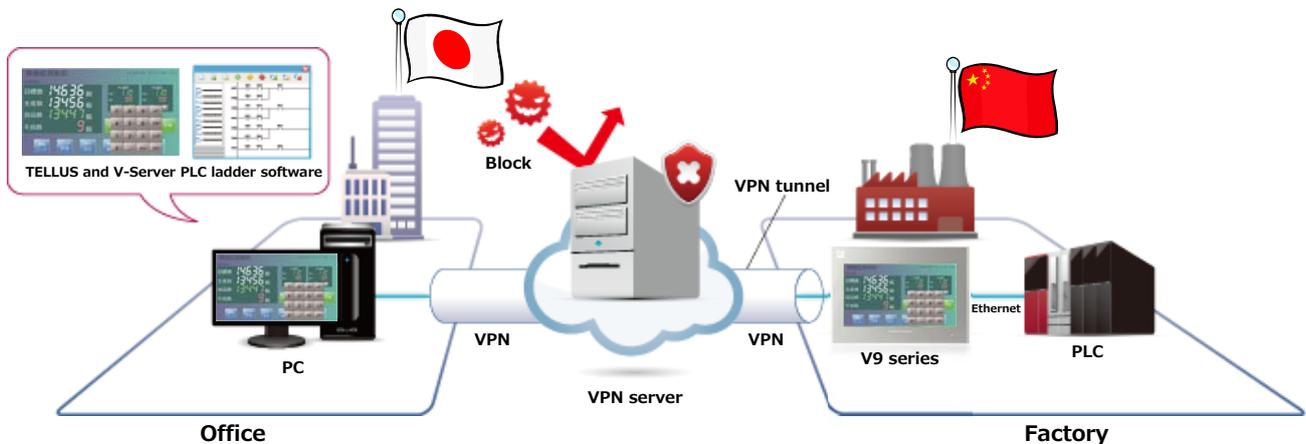


VPN connections

What is VPN?

Virtual Private Network (VPN) is a technology which establishes virtual dedicated line on internet. Its communication data is encrypted so that data is protected from threats such as falsification or wiretap even data is sent such public line as internet.

Example of VPN system configuration



As VPN establishes virtual dedicated line on internet, **secure remote connection is possible**. Even long distance connection including overseas access, **no additional cost for preparing dedicated line is required**.

Complicated settings such as router setting (including IP address conversion) or obtaining global IP address is not required.

You can easily achieve safe remote monitoring at low cost!

VPN application examples

Application	Details
Remote connection via TELLUS and V-Server	It is possible to achieve remote monitor/operation as well as data logging/data acquisition using V-Server.
Remote connection from VNC client	You can monitor/operate V9 screen remotely from a tablet terminal which VNC client application software is installed.
Screen program transfer	Upload/download of the screen program via Ethernet is possible as well as program update.
Routing connection * V9 with LAN x2CH model only.	It is possible to connect remotely to PLCs or network cameras which are connected to V9 via Ethernet. PLC ladder software is also accessible.
PLC ladder transfer via Ethernet	When V9 and a PLC is connected serially, PLC ladder transfer via Ethernet is available to load or monitor the PLC program. *PLC must support Ethernet ladder transfer function.