

<Useful Information> A Must-See for Maintenance Personnel! Remote Maintenance of Equipment is Possible at All Production Sites Without Considering Network Conditions!

Problem

When performing periodical maintenance, it is not possible to use a computer in the personnel room (network group A) to access equipment in the production line (network group B) or the inspection line (network group C).
I understand that the computer's settings need to be changed, **but changing settings per site is a real hassle. I want to start maintenance work efficiently!**



Factory facilities

Personnel room (Group A)



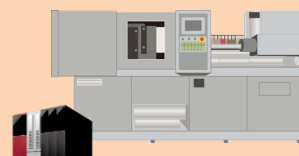
Maintenance personnel

Communication is not possible between different network groups.



Inspection line (Group C)

Production line (Group B)



Devices that support Ethernet, such as PLCs

By using the V10/V9 series ...

Solution

By utilizing the "VPN remote access service" of WMI provided by Hakko Electronics, you can easily create an environment enabling remote access. This allows for remote maintenance of all production sites without considering network groups!

* An Internet connection is necessary in order to use WMI.

This is convenient because I can use my usual computer in the office (at my desk) without changing its IP address.



Group A example IP: 192.168.0.*

Internet



Routing



V10/V9
LAN 2CH model



PLCs, etc.

Group B example IP: 10.91.130.*

Routing



V10/V9
LAN 2CH model



PLCs, etc.

Group C example IP: 10.91.131.*



Reduce man-hours

The procedure is simple!

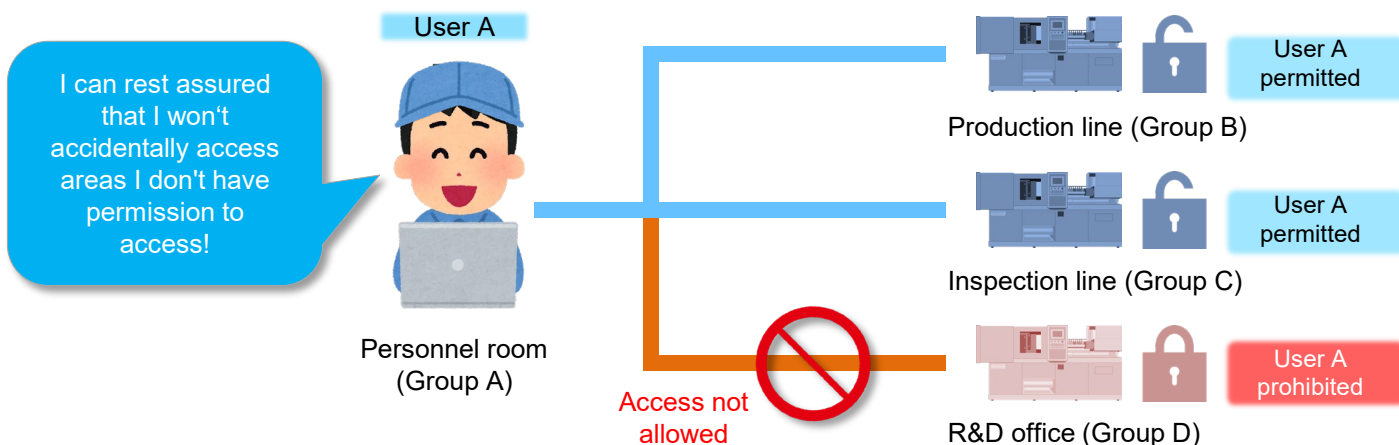
- Step 1. Connect to the Internet.
- Step 2. Start the remote access tool* and connect.
- Step 3. Remote access to each site is possible!

* V-Connect (Hakko Electronics VPN remote access service management tool)

MORE

The “VPN remote access service” of WMI allows specification of VPN terminals that can be accessed by each user ID.*
By restricting access to certain VPN terminals, you can prevent accidental operation of equipment.

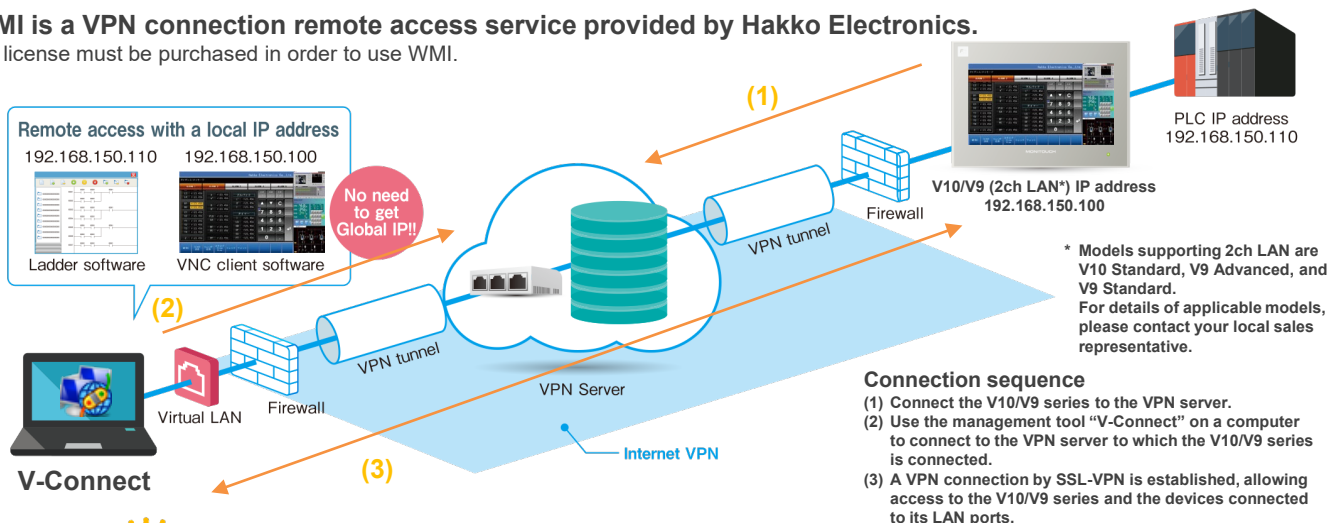
* V-Connect version 1.1.6.0 or later is required.



What is WMI (Web Machine Interface) ?

WMI is a VPN connection remote access service provided by Hakko Electronics.

* A license must be purchased in order to use WMI.



Point

- If you have an Internet connection, you can build a VPN environment without using a VPN router.
- Since SSL-VPN is supported, secure connection with remote sites is possible, enabling remote access without worrying about eavesdropping or manipulation.
- Because MONITOUCH features a built-in routing function, devices such as PLCs connected to MONITOUCH via Ethernet can be accessed remotely.

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