TELLUS and V-Server – Remote Maintenance
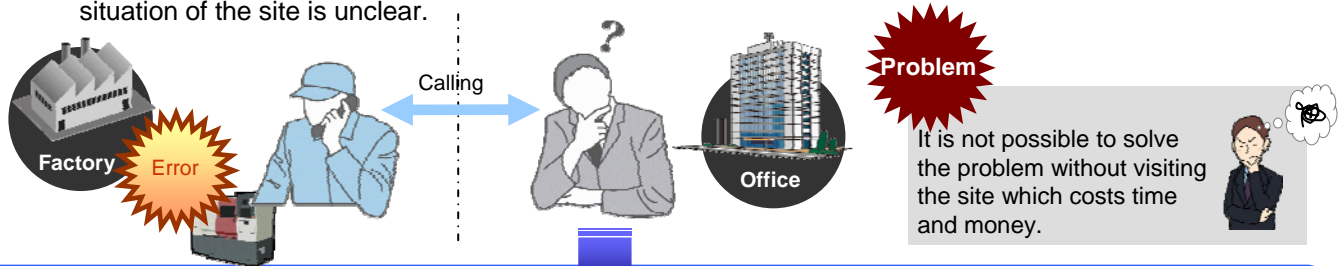
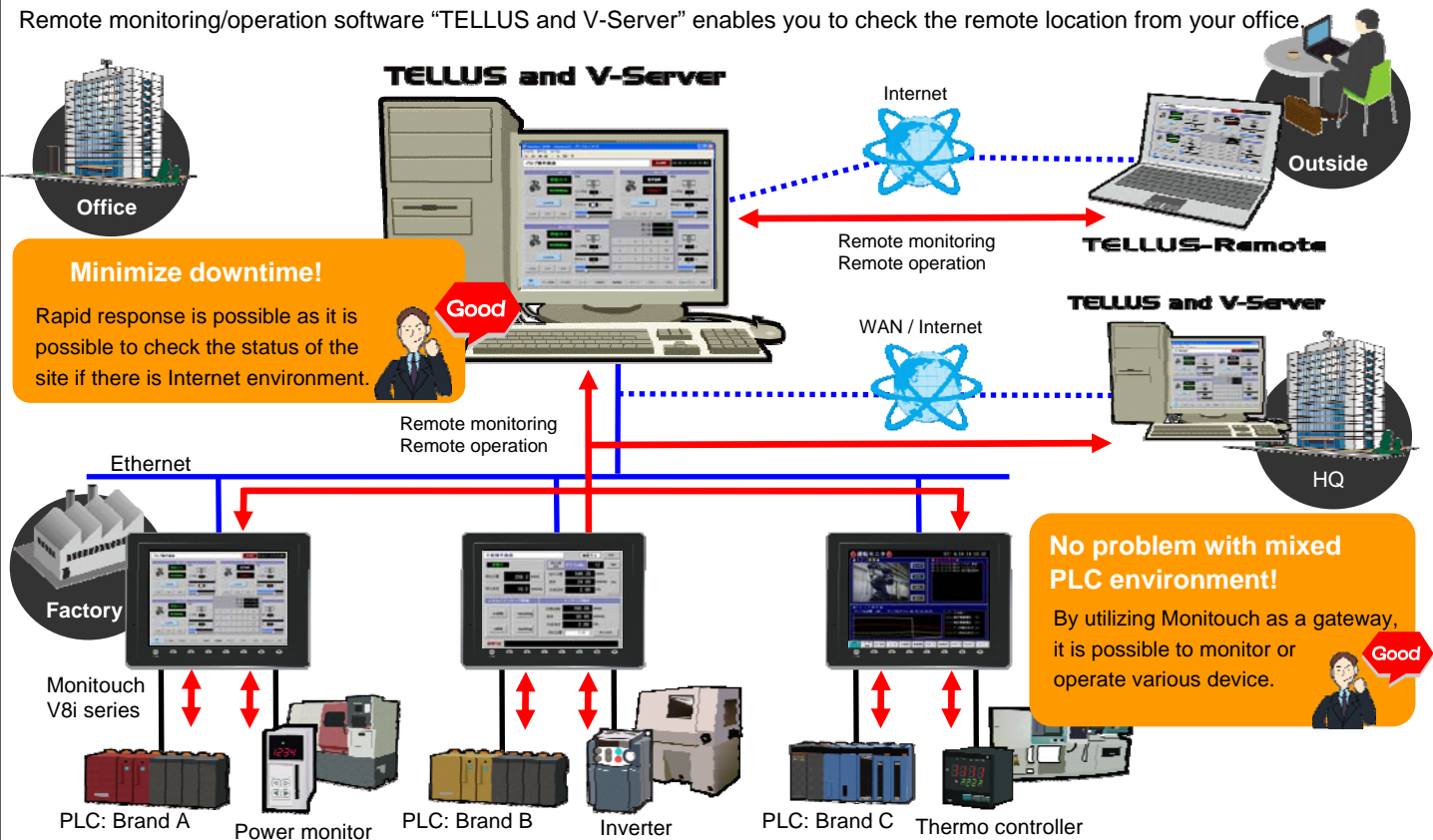## What are the merits of remote maintenance feature using TELLUS and V-Server?

・Prompt action can be taken as you can check factory information from remote site.
・Easy system configuration enables you to achieve remote monitor/maintenance system with little .
・It is possible to monitor/operate various automation devices via Monitouch as a gateway.

[Before] It took time and cost to restore the site to normal as it is difficult to take immediate action because the situation of the site is unclear.

Calling

Factory Error

Problem

Office

It is not possible to solve the problem without visiting the site which costs time and money.

TELLUS and V-Server

Remote monitoring/operation software "TELLUS and V-Server" enables you to check the remote location from your office.

Office

TELLUS and V-Server

Internet

Outside

Remote monitoring
Remote operation

TELLUS-Remote

Minimize downtime!

Rapid response is possible as it is possible to check the status of the site if there is Internet environment.

Good

WAN / Internet

TELLUS and V-Server

HQ

Remote monitoring
Remote operation

Ethernet

Factory

Monitouch
V8i series

No problem with mixed PLC environment!

By utilizing Monitouch as a gateway, it is possible to monitor or operate various device.

Good

PLC: Brand A   Power monitor   PLC: Brand B   Inverter   PLC: Brand C   Thermo controller

TELLUS and V-Server

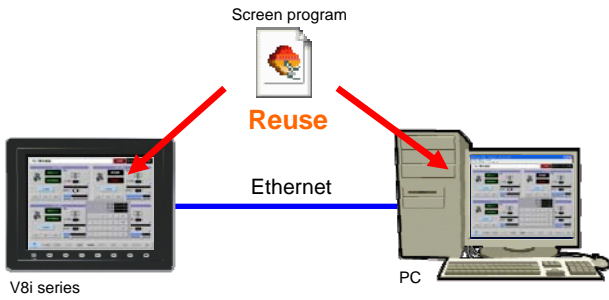| License / Software	V-Server	TELLUS-Remote	TELLUS and V-Server	TELLUS-HMI
TELLUS		O	O	O
V-Server	O	V-Server is required on a server PC etc for remote monitoring.	O	
Main purpose	Data collection	Remote monitoring	Remote monitoring & data collection	HMI

MONITOUCH PLUS EXPRESS

TELLUS and V-Server – Other Key Features

No need to create dedicated screen program
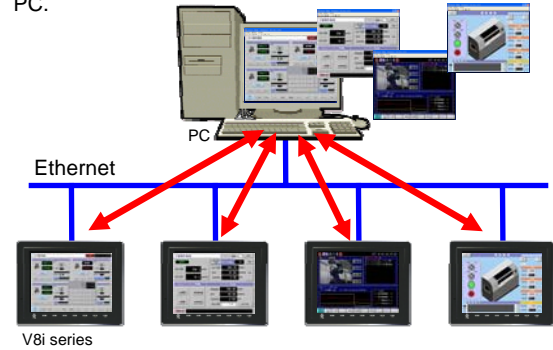
Reduce cost

It is possible to reduce the development cost as you can reuse the same screen program as Montiouch's. Of course it is possible to create a program for remote monitoring separately.

Screen program

Reuse

Ethernet

V8i series
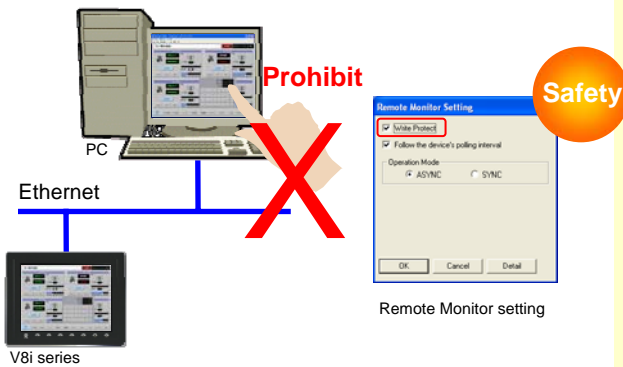
PC

Monitoring multiple stations

Efficiency UP

It is possible to monitor/operate the status of multiple equipments as it is possible to launch multiple TELLUS on a PC.

PC

Ethernet

V8i series

＊As TELLUS and V-Server allows 1 license per PC, it is possible to boot multiple application in the same PC.

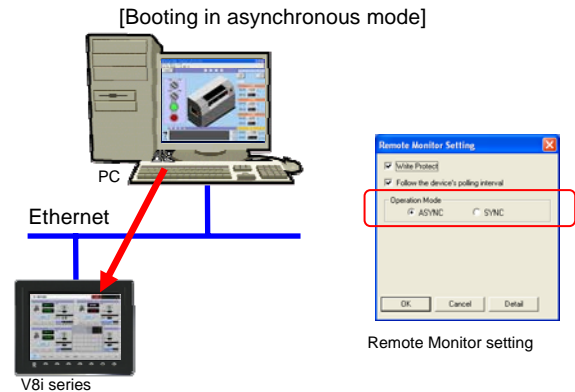### "Monitor-only" setting available

For safety aspect, it is possible to prohibit the operation of the screen from the PC.

Prohibit

Safety

PC

Ethernet

V8i series

Remote Monitor setting

SYNC/ASYNC screens between HMI and PC

It is possible to display the screen asynchronously so that you can confirm various information.

[Booting in asynchronous mode]

PC

Ethernet

V8i series

Remote Monitor setting

Free version upgrade of the configuration software V-SFT-5

The configuration software (upgraded version) can be downloaded from the following website. (Membership registration is required.)

Website:

http://www.hakko-elec.co.jp/en/download/09vsft5/index.php#02

Fe e-Front runners