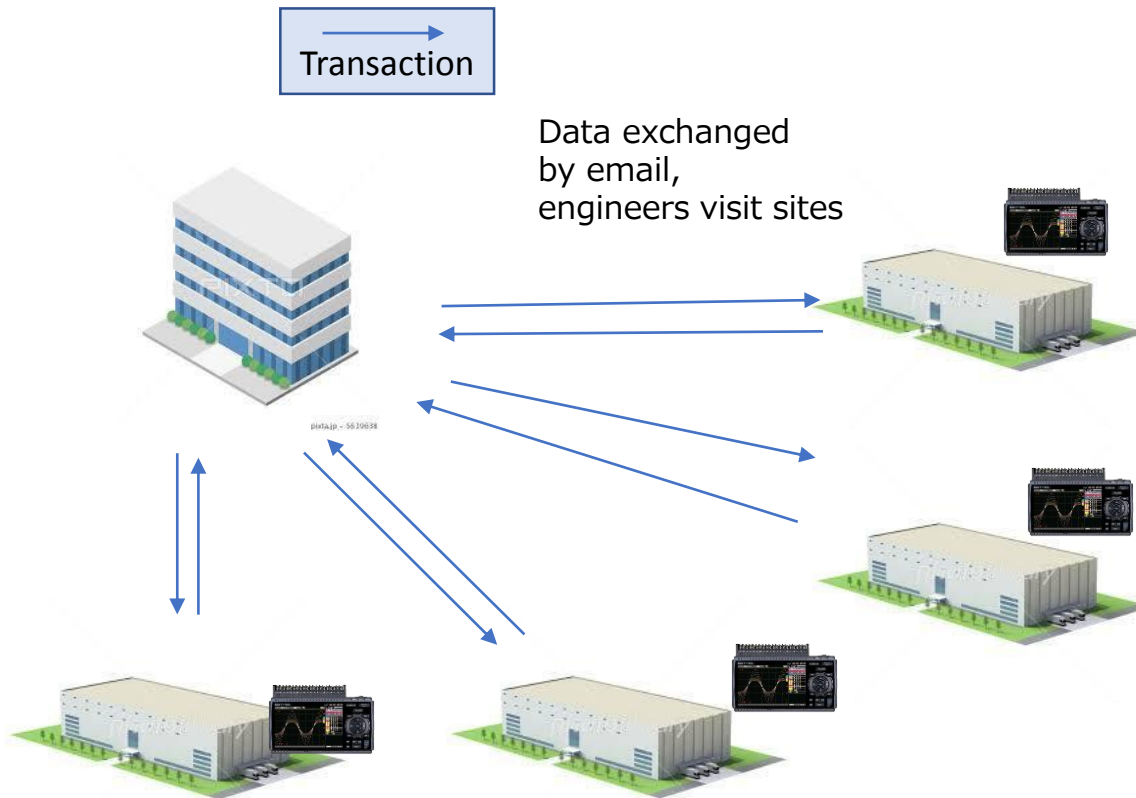


# Advantage of Cloud system

## 1. Number of “transaction” will be reduced

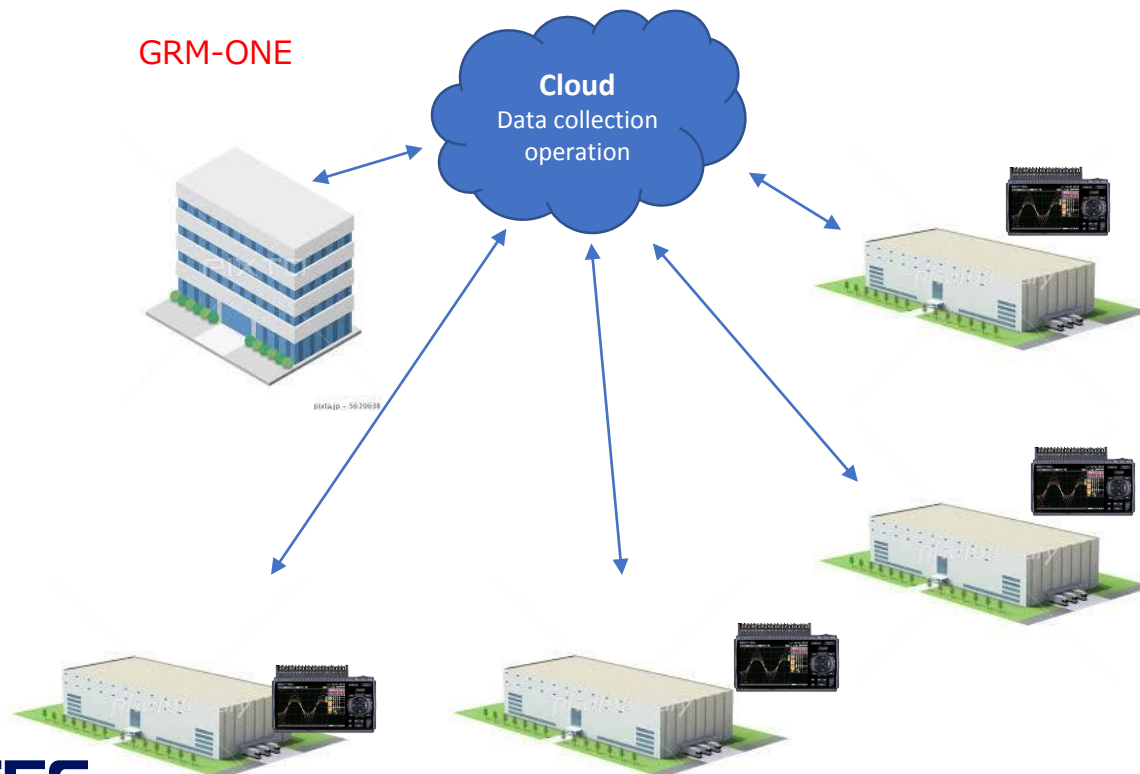
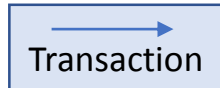
- Ordinary system: More communication/movement  
→ More cost, more risk of error



# Advantage of Cloud system

## 1. Number of “transaction” will be reduced

- Cloud system: Less transaction and movement

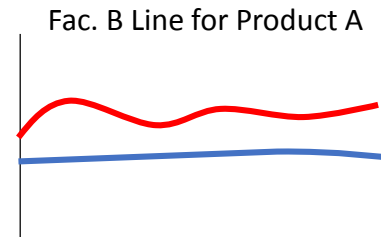
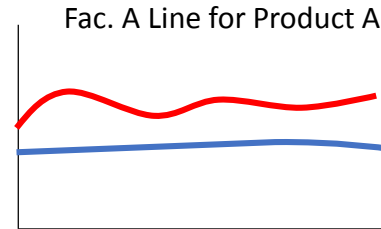
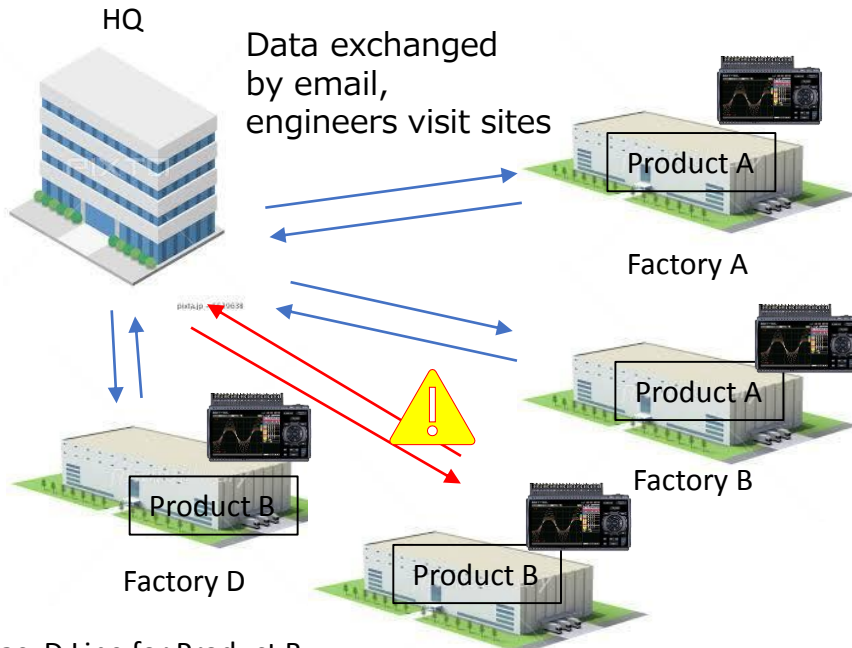


# Advantage of Cloud system

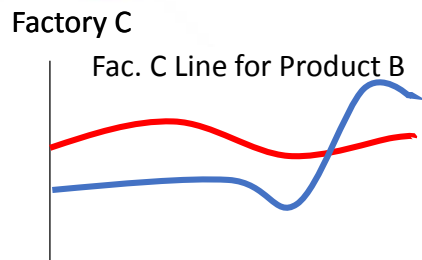
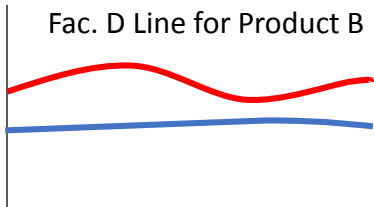
## 2. Easy to collect the data from different place

- Ordinary system: Files are sent separately and compared manually. Time loss and

GRM-ONE



Same trend same quality



**Delay in reporting & taking countermeasure**  
→ **Loss in production**

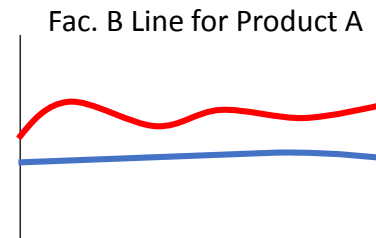
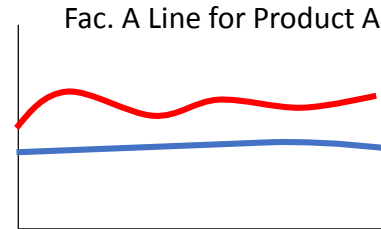
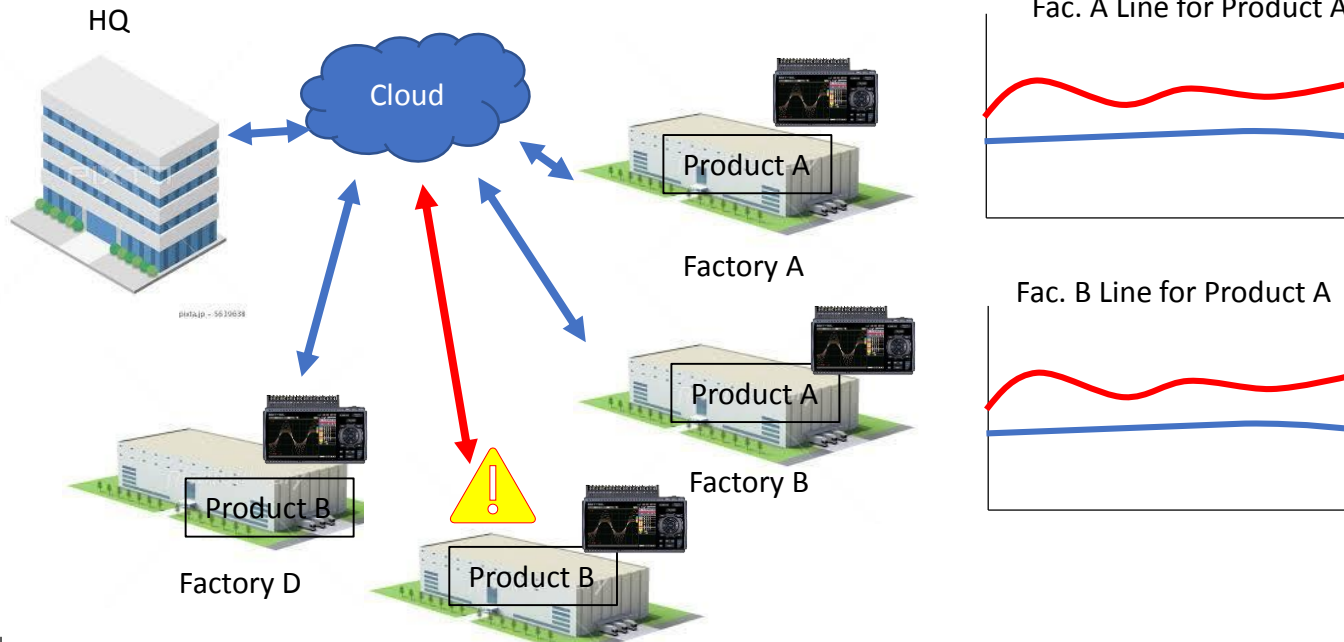
Something happen! Check locally → Report by email

# Advantage of Cloud system

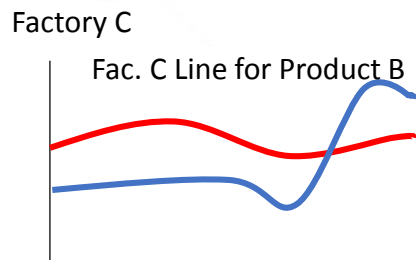
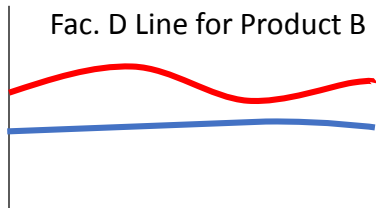
## 2. Easy to collect the data from different place

- Centralization of information from different place with Cloud: Less transaction, quick action.

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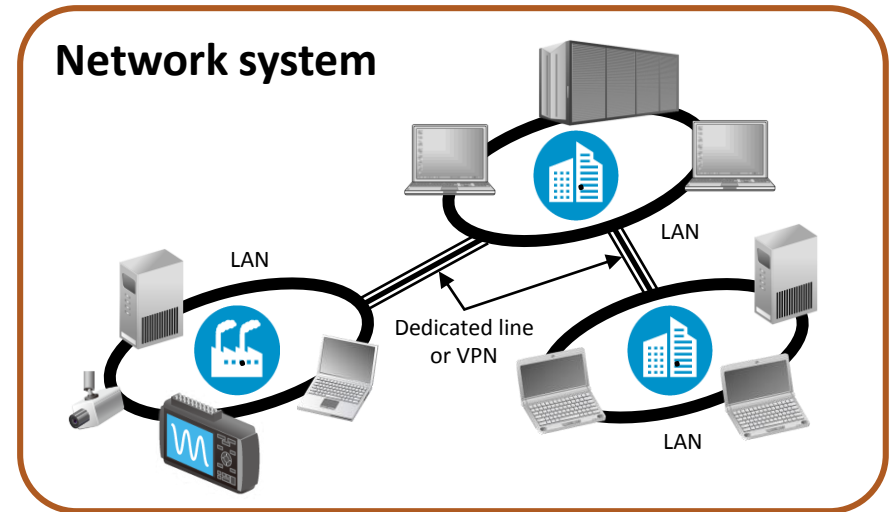
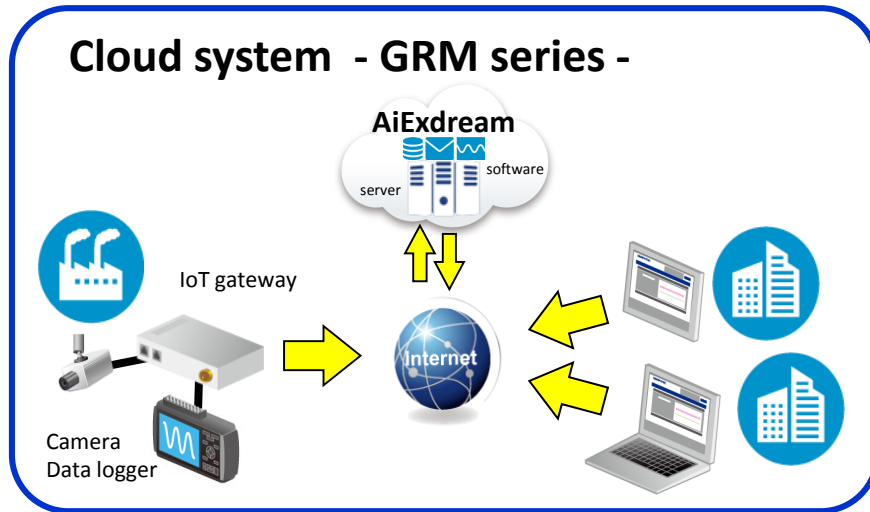
Same trend  
same quality



Something happen in factory C!  
Alarm directly to HQ

# Advantages of the GRM-ONE system

## Reason to use the cloud system



## Benefit of cloud system

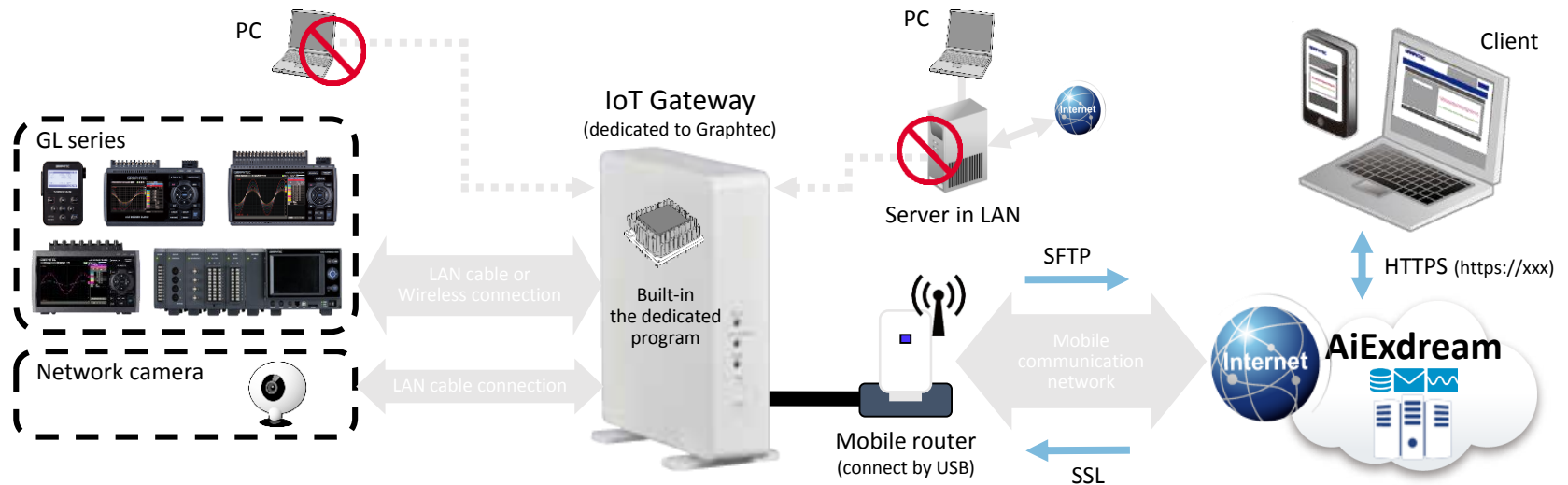
◎: Best, ○: Good, △: Fair, ×: No good

Item	Cloud system - GRM series -	Network system
Device for remote monitoring Including network camera	◎ GL series data logger and specified camera	△ It is required to create software
Communication line	◎ Internet Access from anywhere	△ Dedicated data communication line, or internet with VPN (Virtual Private Network)
Software for access to remote monitoring	◎ Internet browser (Software for remote monitoring is executed in cloud server.)	△ Customer own application software (It is required to create dedicated software.)
Report creating function	◎ Fixed format (Pro) Customized format (Premium)	△ Customised format (It is required to create dedicated software.)
Investment	◎ Purchasing cloud service	× Invest in communication infrastructure and software development

# Advantages of the GRM-ONE system

## Reasons to use gateway and mobile router

- Can be operated without using PC, software and LAN owing to a peer-to-peer condition.
  - It enables to use at place with no LAN connected to Internet such as test site in field.



## Using secure communication protocol

Secure communication protocols used in Internet communication such as SSL, SFTP and HTTPS are used in this system.

- SSL is used for communication from the Cloud server to the IoT gateway.
- SFTP is used for uploading data from the IoT gateway to the Cloud server.
- HTTPS is used for communication between the device of client and the Cloud server.

# Product Concept

