MSYSTEM

Web Data Logger DL8 Series
Web-Enabled Remote Terminal Unit for Monitoring, Event Reporting and Data Logging
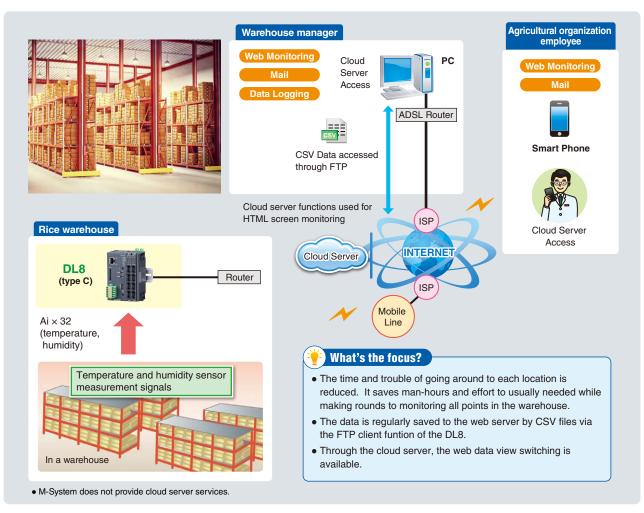
DL8 Series APPLICATION EXAMPLES

WAREHOUSE

Applicable Area : Logistics

Application : Remote monitoring of temperature and humidity in rice storage warehouses

■ Rice warehouses managed by agricultural organizations require careful management of their internal temperature and humidity to maintain the quality of rice for sale. Users will be able to do this using the DL8.

■ Temperature and humidity sensors are installed in various places of the warehouse. These about 30 measurement signals are directly input to the DL8.

■ If the input temperature and/or humidity go outside of normal control values to an abnormal condition, an e-mail notification is sent immediately.

■ Web screen monitoring is accessed through a cloud server. This relieaves the stress of screen switching because of slow communication speeds.

Warehouse manager

Web Monitoring
Mail
Data Logging

Cloud Server Access

PC

ADSL Router

CSV Data accessed through FTP

Cloud server functions used for HTML screen monitoring

Agricultural organization employee

Web Monitoring
Mail

Smart Phone

Cloud Server Access

ISP

INTERNET

Cloud Server

ISP

Mobile Line

Rice warehouse

DL8 (type C)

Router

Ai × 32 (temperature, humidity)

Temperature and humidity sensor measurement signals

In a warehouse

● M-System does not provide cloud server services.

💡 What's the focus?

● The time and trouble of going around to each location is reduced. It saves man-hours and effort to usually needed while making rounds to monitoring all points in the warehouse.

● The data is regularly saved to the web server by CSV files via the FTP client funtion of the DL8.

● Through the cloud server, the web data view switching is available.

• Web browsed views are images that are subject to change without notice. • In order to effect the applications on this page, static IP or dynamic DNS is required.
• M-System Company does not provide smart phones and/or telecommunication services.