



## SEASONING

**Applicable Area :** Factory production lines

**Application :** Inventory management of raw material volume for seasonings

- The DL8 monitors the remaining quantity of materials required for making each seasoning. When the amount of materials remaining in storage tanks is low, the manager is notified by e-mail. This way orders can be placed with vendors with some leeway before the tanks run out of material.
- The DL8's Web browser screen can display remaining material quantity in the form of a trend graph, so that demand can also be forecast.
- The DL8 acts as an FTP server, logging data of the remaining quantities in the raw material tanks and storing the data as CSV files in its SD card. The person in charge of the material procurement department can collect the data from a computer through in-house LAN.



### What's the focus?

- Using in-house LAN and e-mail server, a system can be developed economically.
- The alert e-mail message body includes current values of each measurement item, making the level of each storage tank and the on-site status clear at a glance when receiving e-mail.
- Daily reports and seasonal demand forecasts can be made available using the logged data.
- In the future, temperature, humidity data and other parameters may also be monitored.

### Raw Material Tanks



Aix4  
(tank level signals)



Alarm lamps, buzzers

### Process Manager

Mail



Smart Phone



INTERNET

ISP

### Materials Procurement Department

Data Logging

Web Monitoring

Mail

PC



Mail Server

In-house LAN

ADSL / Fiber Optics

CSV Data accessed through FTP

**DL8**  
(type C)  
FTP Server

Dox4



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