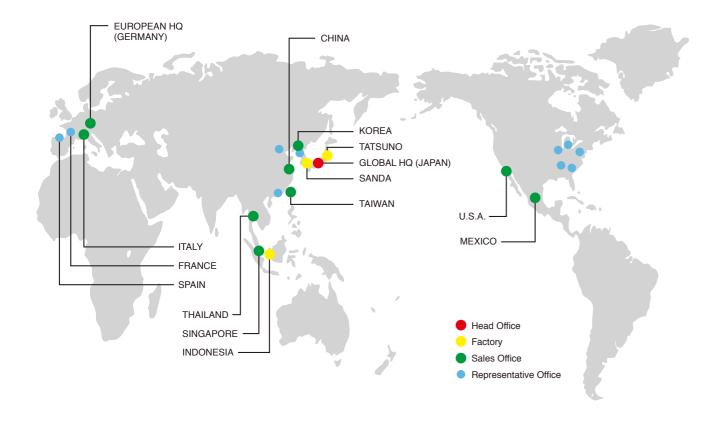


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## **Smarter Remote Monitoring and Control**

Gather and analyze more data in real-time to make smarter, data-driven decisions



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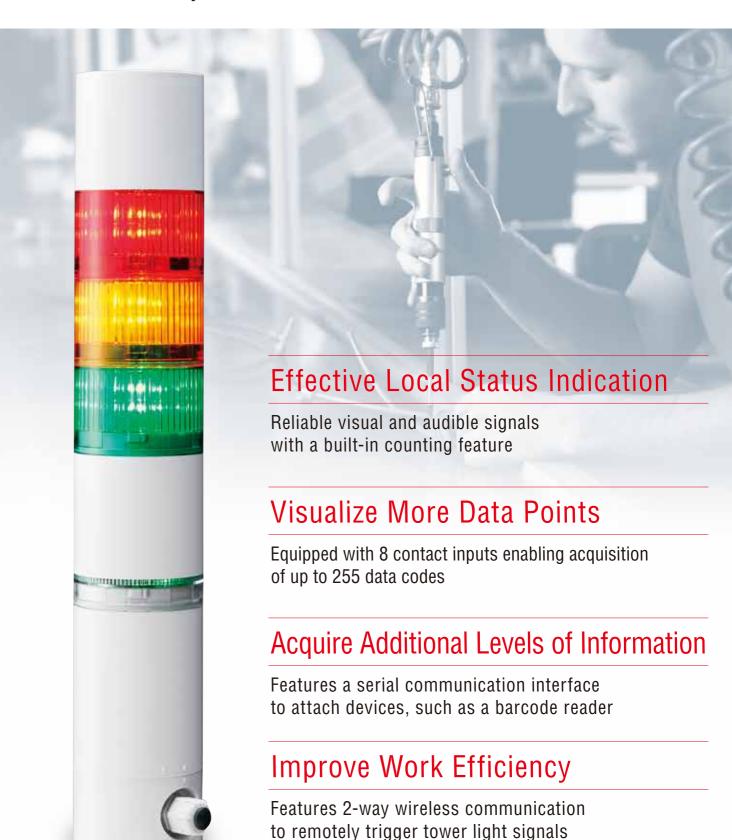
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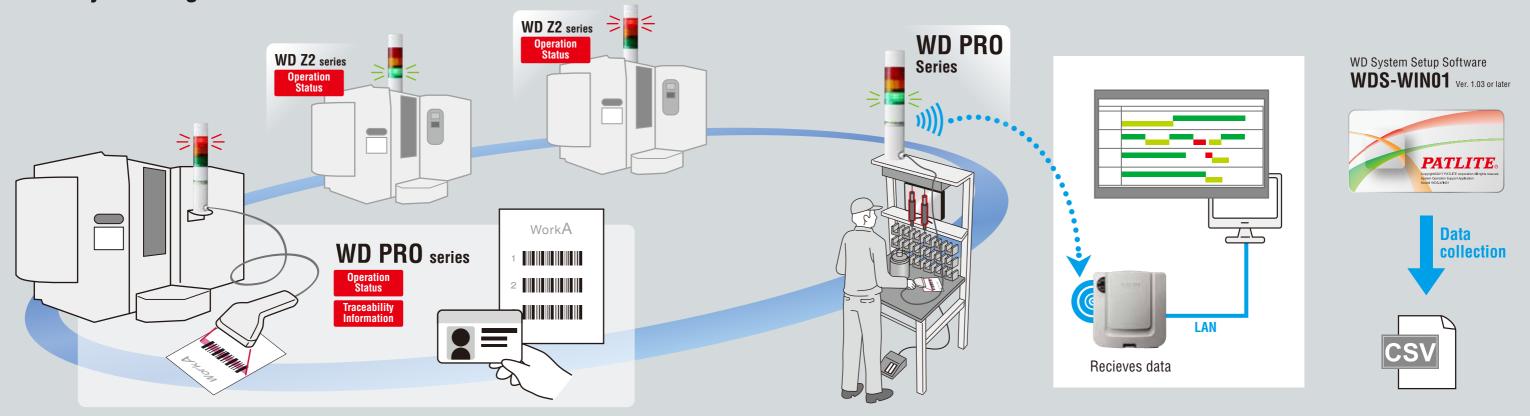
### **A** CAUTION

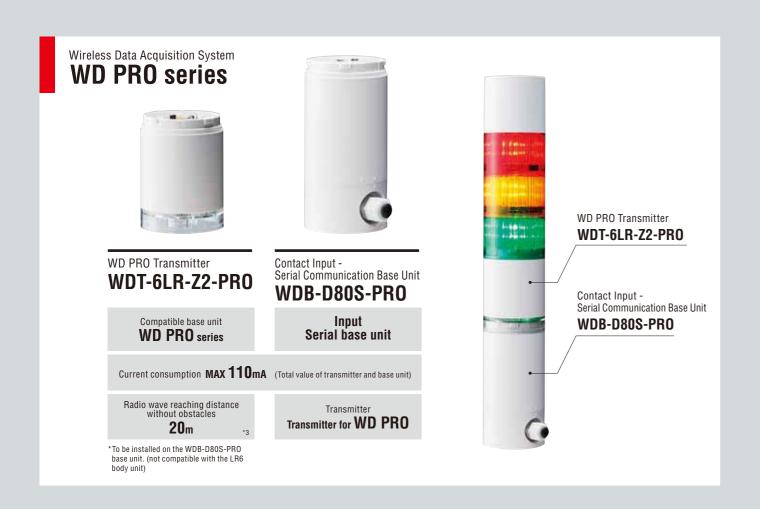
To ensure correct use of these products, read the "Instruction Manual" prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents. Specifications are subject to change without notice

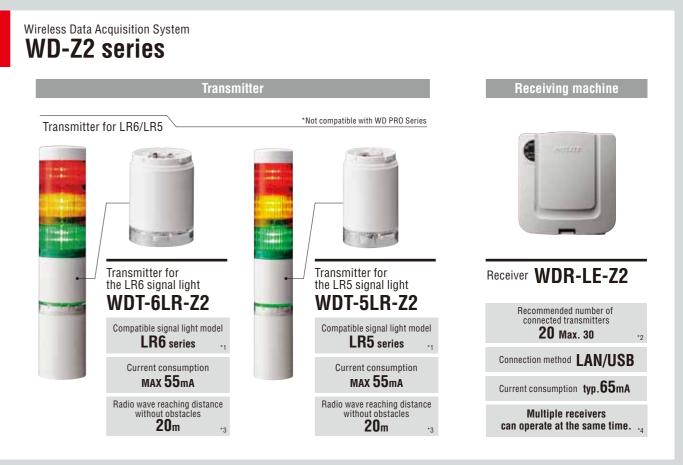
0-AI05 EN 1906 A



# The WD Pro adds a myriad of additional features to any existing WD Series network.







<sup>\*1:</sup> There are some restrictions on compatible signal lights, so please contact Patlite for details. \*2: Due to the properties of radio waves, this number may differ according to the location of the receiver, the communication environment, and the communication frequency. \*3: This is a reference value. The actual value may differ due to the properties of radio waves. \*4: Multiple receivers cannot operate at the same time if a USB connection is used. (Contact Patlite for details.)

2

1

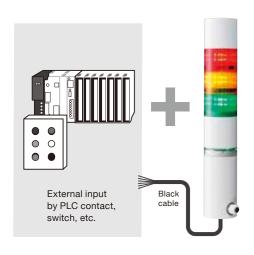
## **More Data Means Smarter Decision-Making**

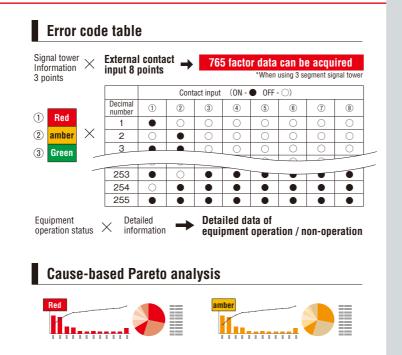
The WD PRO Series features 2-way wireless communication for better plant-wide visibility while enabling you to gather more data points for better predictive maintenance, quicker problem resolution, and OEE improvement.

## Understand the cause of equipment shutdown

8 points of contact input

Up to 765 data codes can be acquired to identify exact cause and timing of equipment malfunctions.

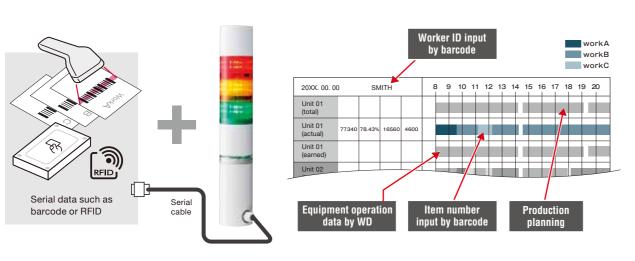




## **Acquire additional levels of information**

**Serial Cable** 

Connect a bar code reader to the WD PRO to trace employee data for greater control over products and process quality.

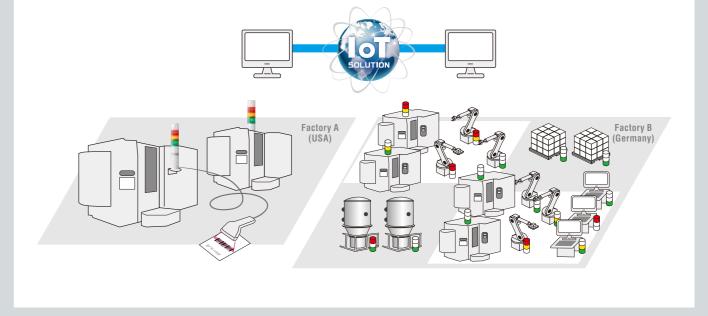


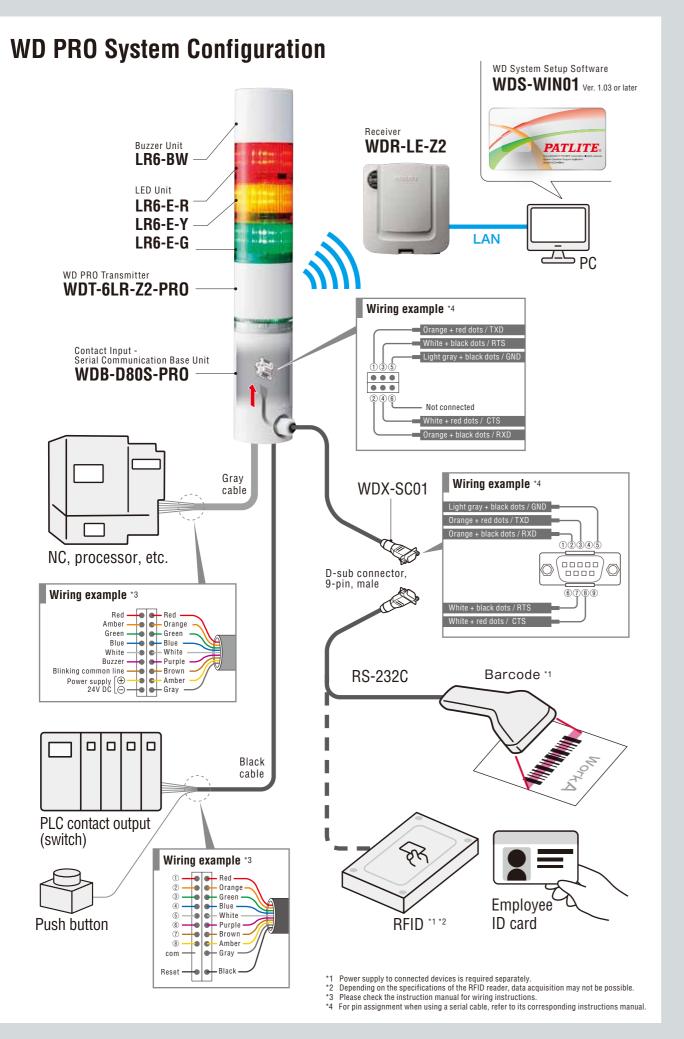
## Eliminate downtime **Remote Signaling** Notifies remote operators instantly of equipment abnormalities, as well as the type of maintenance required. Partner software WDR-LE-Z2 Deactivate alarm Visual notification completed Malfunction report Maintenance Wireless signal to activate visual alarm from host server

## Monitor multiple facilities remotely and in real-time

Supported areas | WD-Z2: 41 countries (as of June 2019) WD PRO: USA, China, EU, and Japan

Utilize compatible software to monitor multiple factories located across the globe.





## WDS-WIN01 CSV Output Sample Ver. 1.03 or later

| Date Time       | MAC address      | user<br>name | Red<br>information | Amber information | Green information | WDT<br>Surveillance<br>intelligence | RS-232C data<br>(ASCII code) | External input information (Decimal number) | Clear input information |
|-----------------|------------------|--------------|--------------------|-------------------|-------------------|-------------------------------------|------------------------------|---|-------------------------|
| 2019/3/15 9:44  | 6CE4DAFFFE019925 | machine 1    | 0                  | 0                 | 0                 | 9                                   |                              | 0   | 0                       |
| 2019/3/15 9:44  | 6CE4DAFFFE019925 | machine 1    | 0                  | 0                 | 1                 | 9                                   | 012035 SMITH                 | 0   | 0                       |
| 2019/3/15 9:44  | 6CE4DAFFFE019925 | machine 1    | 0                  | 0                 | 1                 | 9                                   | 20190315 AANKBB 200pc        | 0   | 0                       |
| 2019/3/15 9:52  | 6CE4DAFFFE019925 | machine 1    | 1                  | 0                 | 0                 | 9                                   |                              | 0   | 0                       |
| 2019/3/15 9:52  | 6CE4DAFFFE019925 | machine 1    | 1                  | 0                 | 0                 | 9                                   | 1                            | 155   | 0                       |
| 2019/3/15 10:15 | 6CE4DAFFFE019925 | machine 1    | 0                  | 0                 | 1                 | 9                                   |                              | 0   | 0                       |
| 2019/3/15 10:15 | 6CE4DAFFFE019925 | machine 1    | 0                  | 1                 | 0                 | 9                                   |                              | 0   | 0                       |
| 2019/3/15 10:20 | 6CE4DAFFFE019925 | machine 1    | 0                  | 1                 | 0                 | 9                                   | MATERIAL SHORTAGE            | 0   | 0                       |
| 2019/3/15 10:25 | 6CE4DAFFFE019925 | machine 1    | 0                  | 0                 | 1                 | 9                                   |                              | 0   | 0                       |
| 2019/3/15 11:05 | 6CE4DAFFFE019925 | machine 1    | 0                  | 1                 | 0                 | 9                                   |                              | 0   | 0                       |
| 2019/3/15 11:05 | 6CE4DAFFFE019925 | machine 1    | 0                  | 1                 | 0                 | 9                                   | END                          | 0   | 0                       |
| 2019/3/15 11:06 | 6CE4DAFFFE019925 | machine 1    | 0                  | 0                 | 0                 | 9                                   |                              | 0   | 0                       |
| 2019/3/15 13:05 | 6CE4DAFFFE019925 | machine 1    | 0                  | 1                 | 0                 | 9                                   | 20190315 CCNKDD 300pc        | 0   | 0                       |
|                 | 1                | (            | 1)                 |                   | (2)               | (3)                                 | <b>(4</b> )                  |   |                         |

① Signal Tower information (6 inputs = Red, yellow, green, blue, white, buzzer) **sample** 2 External configuration information (8 inputs = Binary 0 to 255)

- 3 Serial data (RS-232C = ASCII code) 2·10·16 can be selected by setting.
- 4 Reset input information



