

Test Equipment Status Visualization

Testing Facility

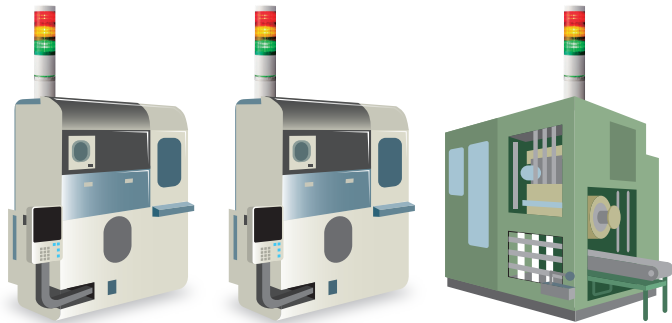
Green: In Operation
Amber: Setup
Red: Abnormal Stop



Transmitter
WDT-6LR-Z2



Receiver
WDR-L-Z2-PRO

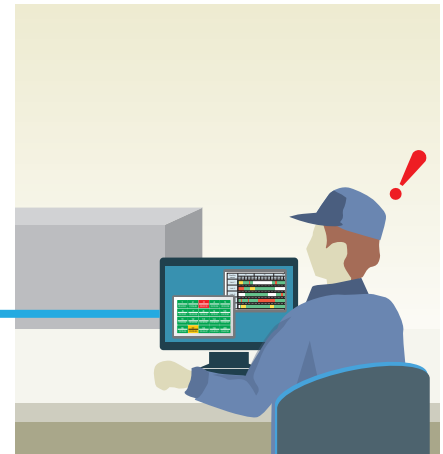


Development/Production Control Office

1 02:42:52	2 01:28:49	3 00:00:12	4 03:10:28	5 02:52:08
6 03:16:20	7 00:40:39	8 02:08:20	9 01:15:20	10 02:10:50
11 01:29:52	12 02:42:52	13 02:42:52	14 02:42:52	15 02:42:52
16 01:15:28	17 00:02:48	18 00:39:27	19 00:42:52	20 00:42:52

Facility name	11					12					13				
	10	20	30	40	50	0	10	20	30	40	50	0	10	20	
Unit 1															
Unit 2															
Unit 3															
Unit 4															
Unit 5															

LAN



Before

Test equipment usage was increasing but there was a lot of waiting time because equipment and testing rooms were left unattended resulting in abnormal stops or available equipment going unnoticed. Implemented regular patrols to monitor equipment but usage rate did not increase – only increased workload on inspection personnel.

After

Monitoring the operating status of each test facility in a centralized office allowed various conditions to be checked at any time, by anyone, thus reducing standby loss and man-hours required for patrol work.

Method

Retrofitted existing signal towers on test equipment with WD transmitters and wirelessly transmitted signal tower light status to the receiver. Data is transmitted from the receiver to a PC via a network and equipment status can be visualized with Andon or graphs.

Model

Model: WDT-6LR-Z2 (Transmitter)
Model: WDR-L-Z2-PRO (Receiver)

Note: Transmitter model numbers vary depending on the signal tower.
Please contact us for details.