## IoT-Integrated Level Crossing Barrier Machine



**Actual Machine on Display** 

## IoT-Integrated Level Crossing Barrier Machine NIPPON SIGNAL

Sensors installed in the barrier machine transmit measurement data to control centers, enabling automated periodic inspections.

**Challenges for railway operators** 

Countermeasures for labor shortage

reduce periodic inspection workload

**Maintain safety** 

Enables centralized data monitoring at control and maintenance centers

**IoT-Integrated Level Crossing Barrier Machine** 

Remote monitoring of measurement data

**Automation of periodic inspections** 

Real-time monitoring of equipment status

## **IoT-Integrated Level Crossing Barrier Machine**

**Items** 

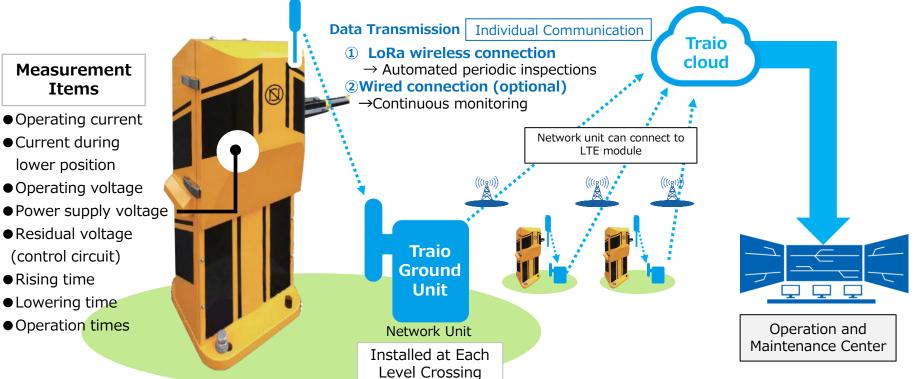
Rising time

Configuration

**NIPPON SIGNAL** 

Measurement data (current, voltage, etc.) from sensors installed in the barrier machine are aggregated and analyzed in the Traio cloud

→ Transmitting operational status to control centers enables automated periodic inspections.



## Please See the demo machine.

**Demo machine** 

**Actual unit operating** 

Displaying operating Status on monitor