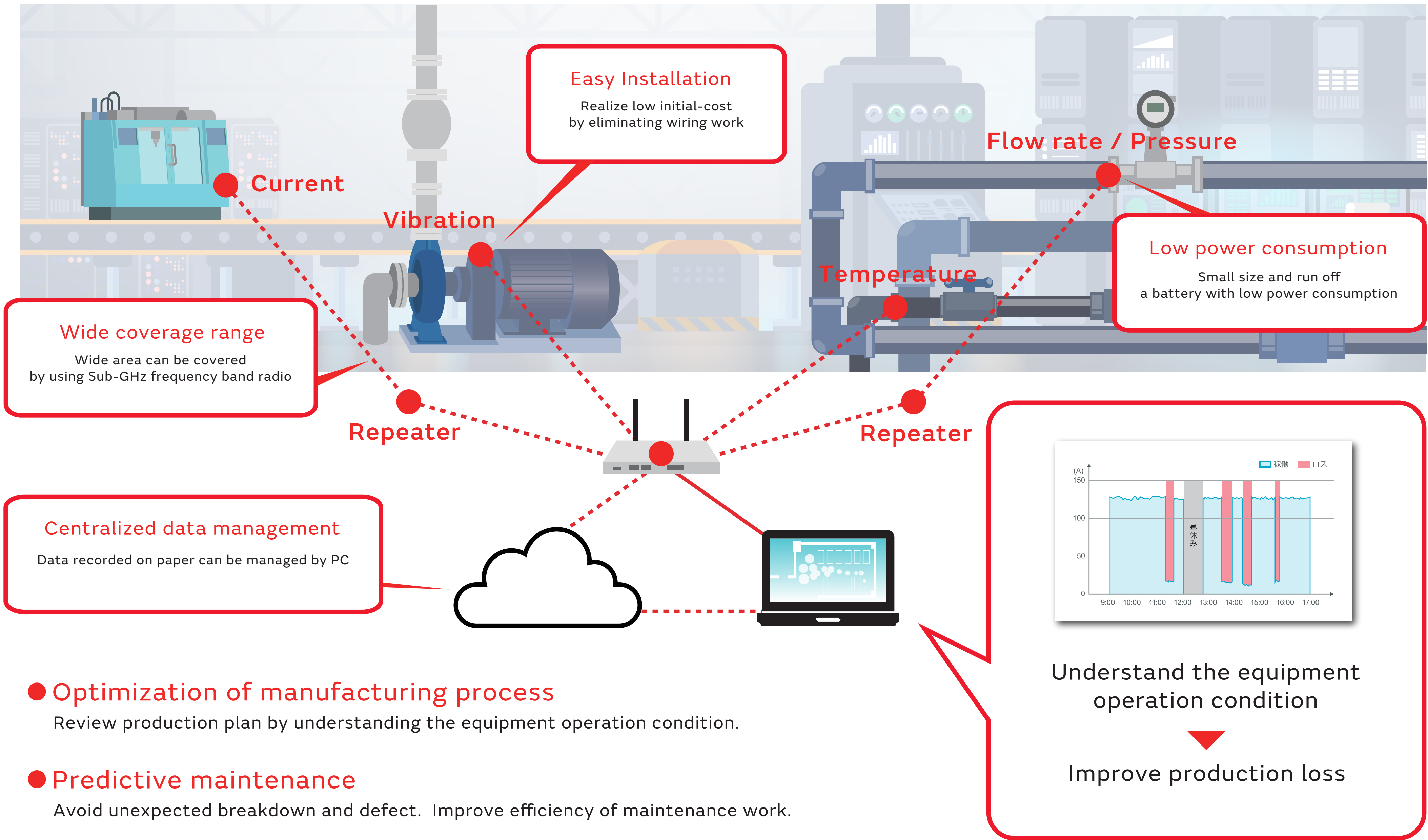


Monitoring System for Factory by Wireless and Sensor

Wireless Sensing System which enables energy saving and predictive maintenance without the pain of complex wiring work.

Mechanism



- **Optimization of manufacturing process**
Review production plan by understanding the equipment operation condition.
- **Predictive maintenance**
Avoid unexpected breakdown and defect. Improve efficiency of maintenance work.
- **Energy saving**
Contribute to energy efficient operation of equipment by understanding the standby power of equipment.

Specifications

Gateway	Wireless communication Interface	Wired communication Interface	Dimension
Multi-protocol gateway	WLAN / Sub-GHz	Gigabit Ethernet / USB OTG	170×109×26mm

Sensor node	Radio frequency	Product characteristics*	Dimension
Vibration sensor	Sub-GHz	Freq: to 10kHz±3dB	38×24×38mm
Current sensor	Sub-GHz	80A / 200A / 500A, Typ.±1%	45×90×27mm
4-20mA/pulse	Sub-GHz	4-20mA, pulse count, resolution 0.02mV	45×90×27mm
0-5V/pulse	Sub-GHz	0-5V, pulse count, resolution 5mV	45×90×27mm
Thermocouple Under development	Sub-GHz	0~+200 °C, Typ.±1 °C	65×52×27mm
Temperature/Humidity	Sub-GHz	-10~+60 °C, 10~90%RH, Typ.0.5 °C, 0~+200 °C, ±5%RH	45×90×27mm

*Not a guaranteed value