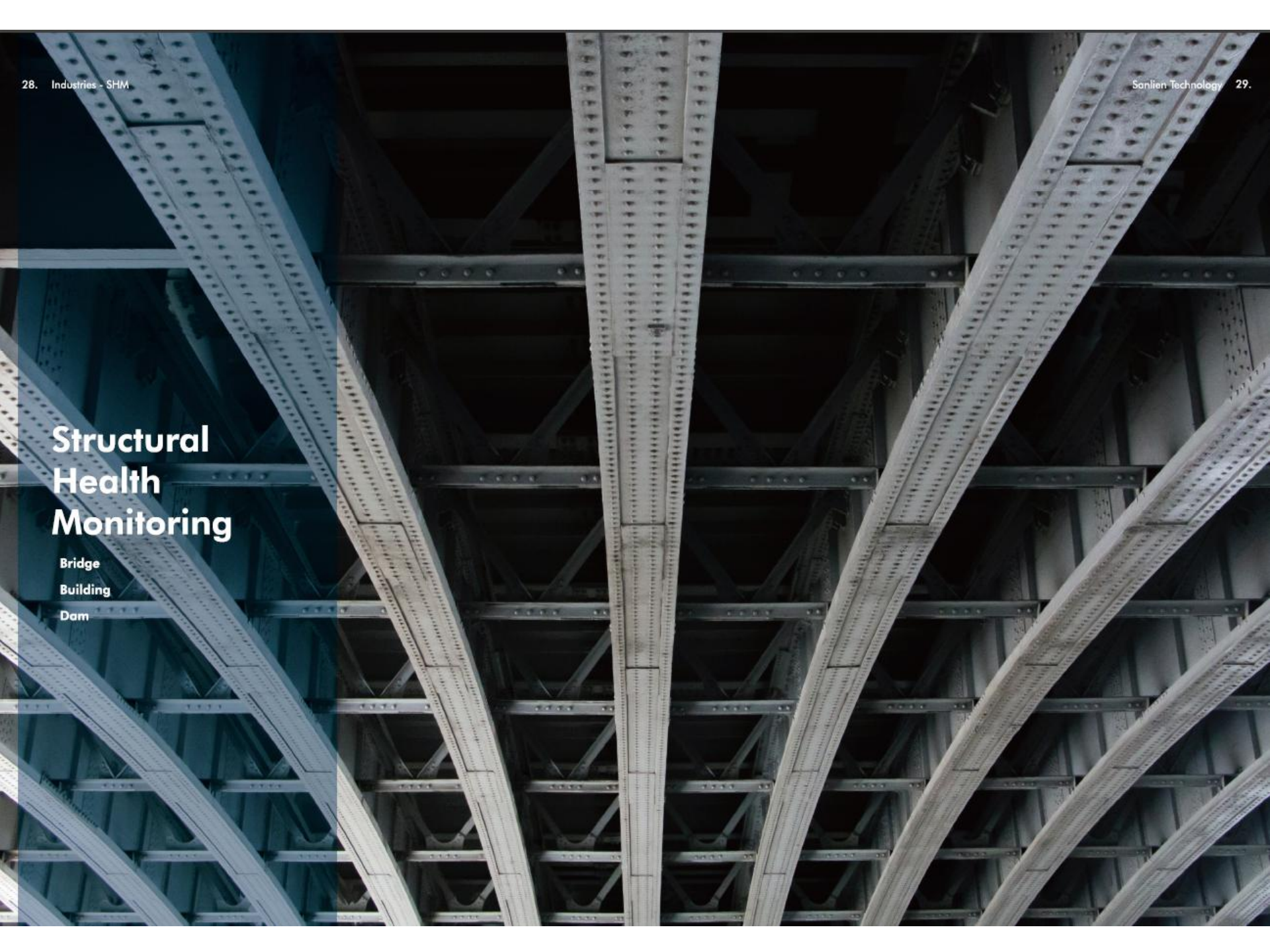


# Structural Health Monitoring

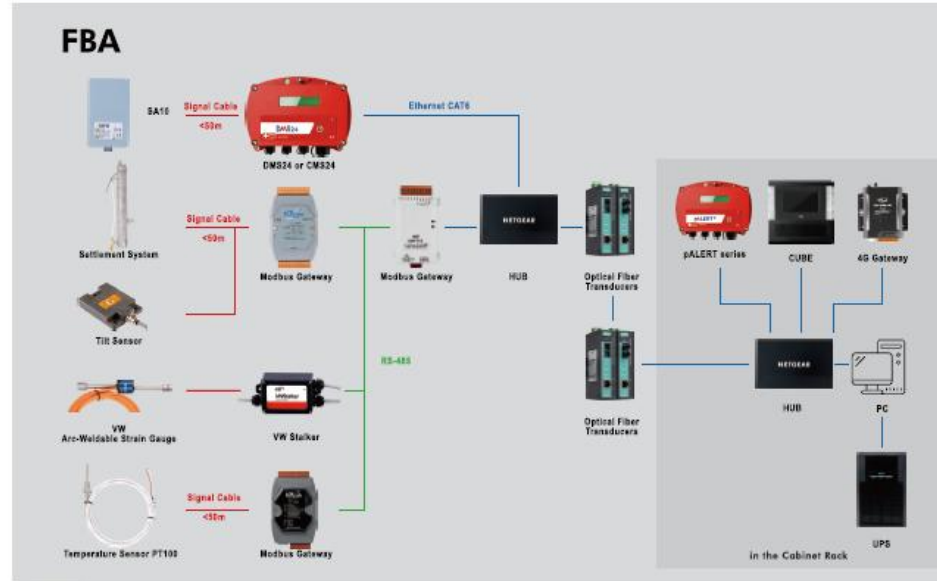
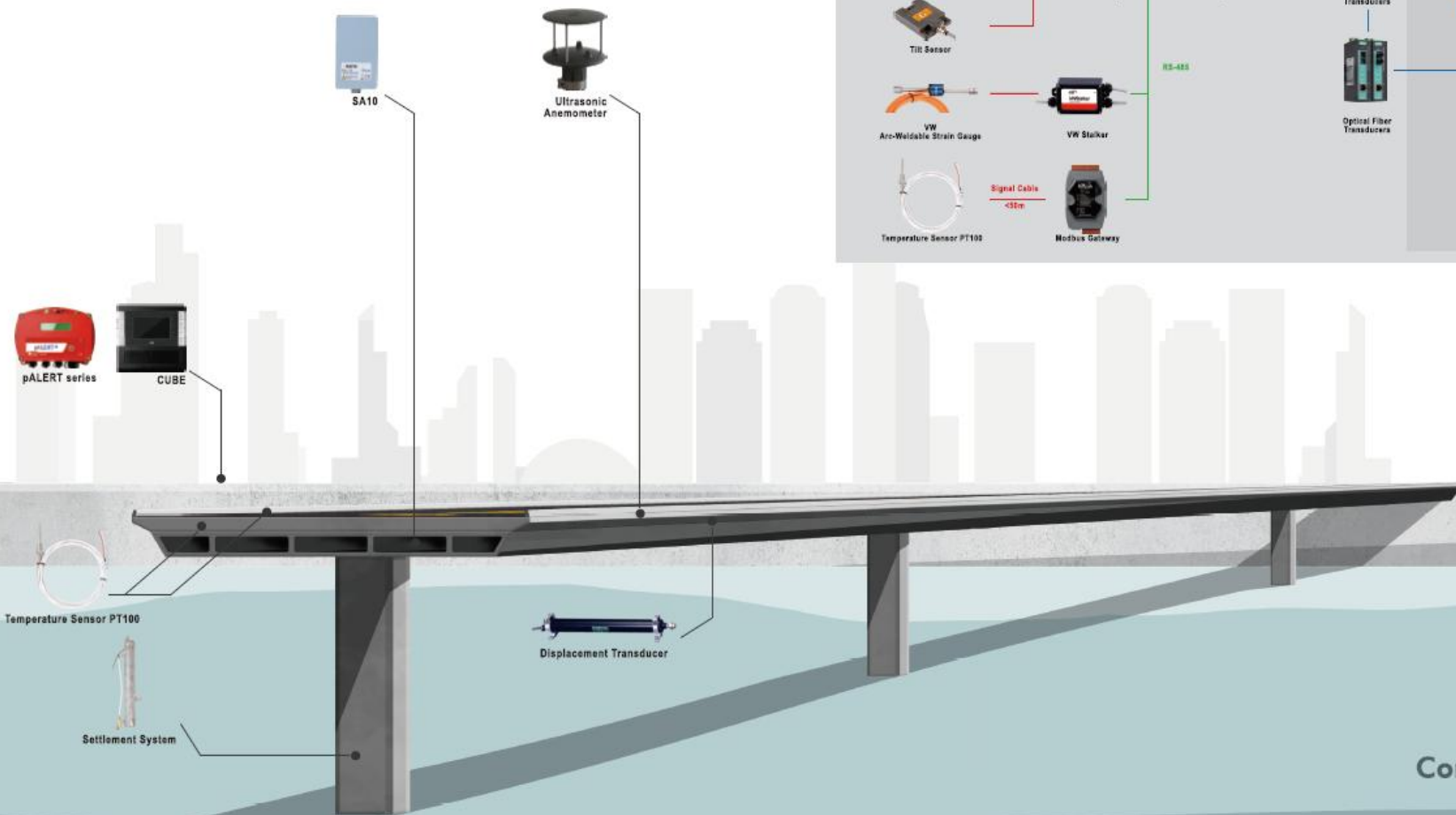
Bridge  
Building  
Dam



# Bridge

Bridge is an important part of the transportation system and it represents a major investment for government and society. Safety of bridges is priority in maintain the integrity of transportation system. The failure of bridges can have severe consequence.

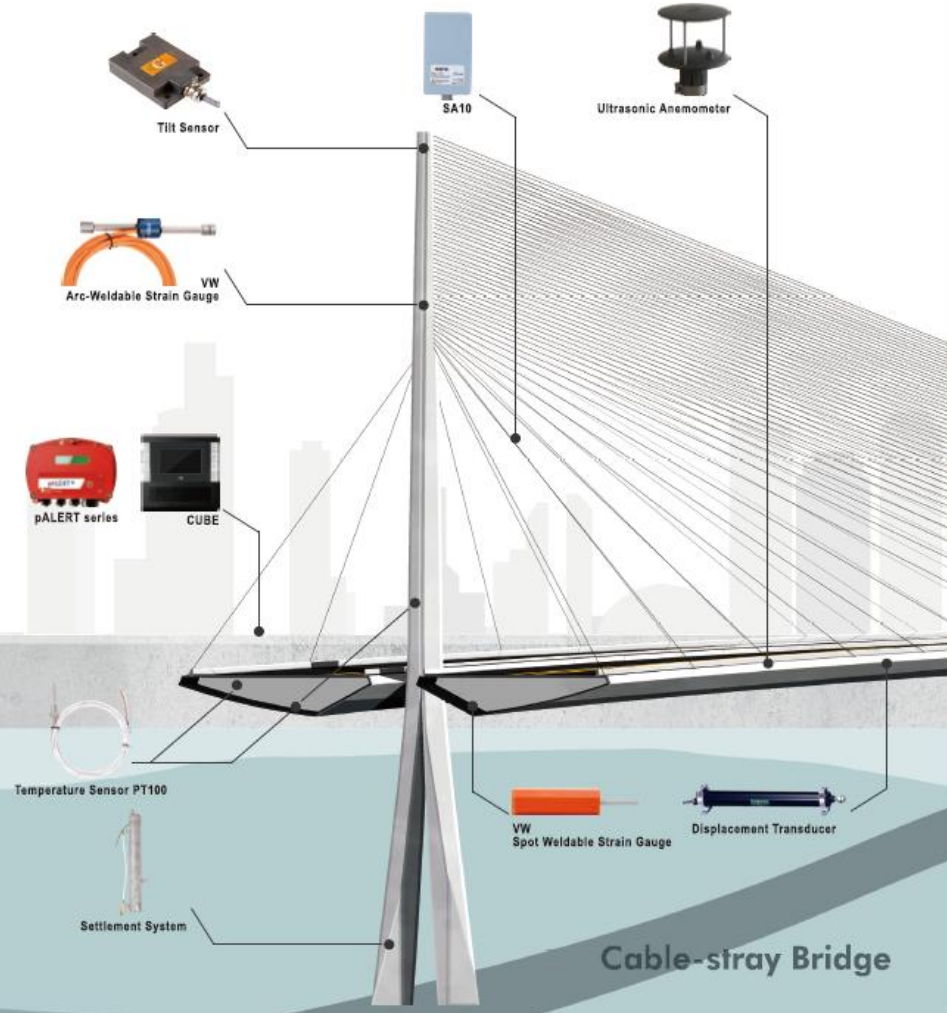
The advancement of technology has enabled us to collect real-time data and has allowed for real-time assessment of data. Vibration measurement helps us to monitor and diagnostic the health status of bridges; which allows us to prevent major failures before it happens.



Prestressed Concrete Bridge

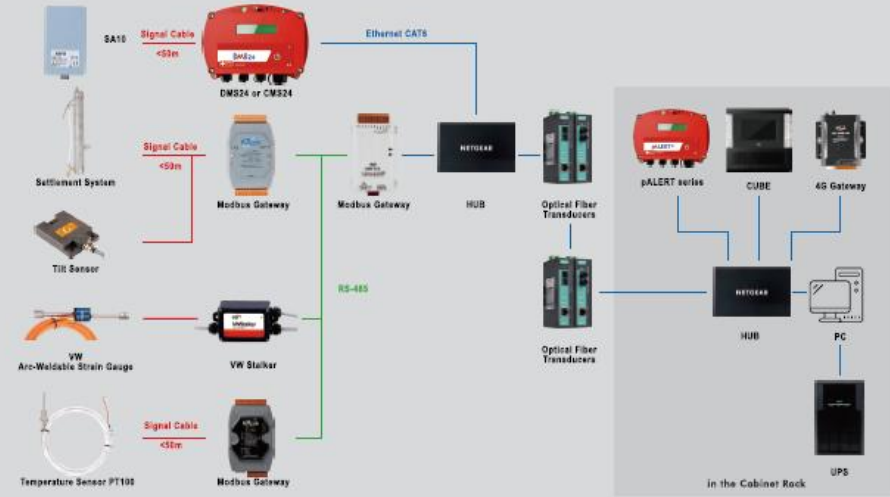


# Bridge

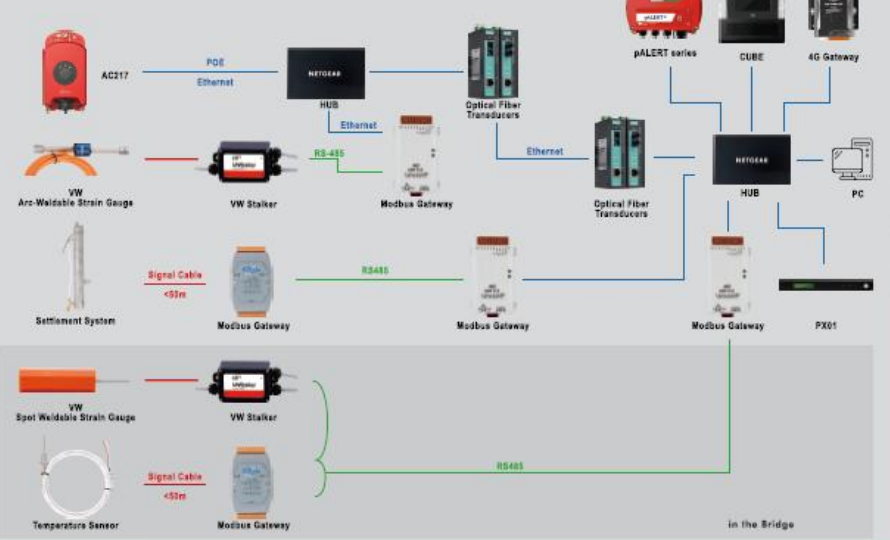


Signal Cable <90m    Ethernet CAT6 or PoE Ethernet    RS-485

## FBA



## MEMS



# Bridge

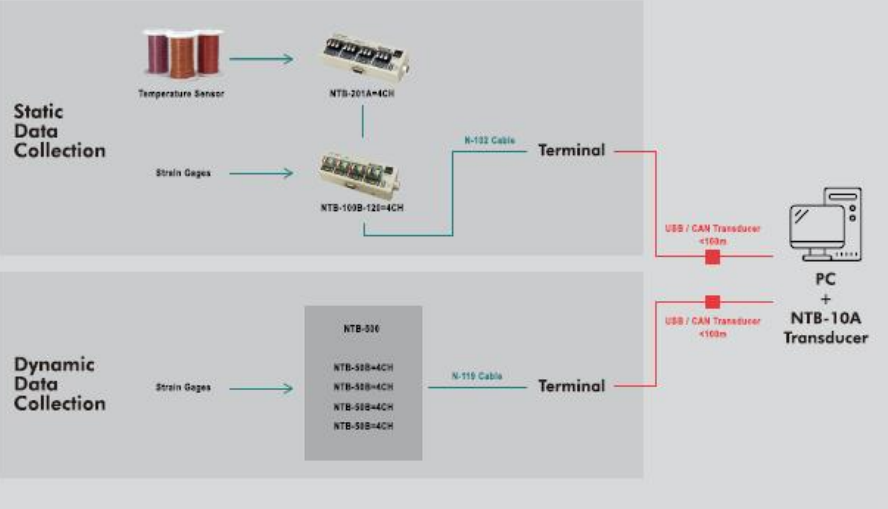
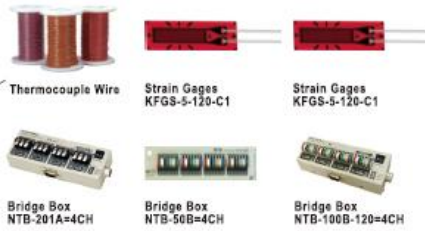
## Strain Monitoring System

### Strain Monitoring

Bridge Cross-section View



● Strain Gauge



Steel Box Bridge