Wireless Sensor Network Applications

Health-care

Agriculture and environment

Public safety and military systems

Transportation systems

Traffic control

Vehicle Counting

Traffic-light Control

Industry

Vital status monitoring

Cardiac Monitoring

Sudden fall detection

Cattle monitoring

Animal Localization

Disease Detection

Precision agriculture

Irrigation Control

Disease Prediction

Active intervention

Soldier Supervision

Firefighter Monitoring

Safety system

Collision Avoidance

Accident Signaling

SCADA systems

Pipeline Monitoring Production Line Control

Smart grids

Voltage Measurement Home Energy management

Remote surveillance

Elderly Monitoring

Rehabilitation supervision Environment monitoring

Water Control Air Quality Monitoring Fire Detection

Perimeter Protection

Passive

supervision

Structural Health Monitoring Services

Traffic Jam Information Parking Space Assistance