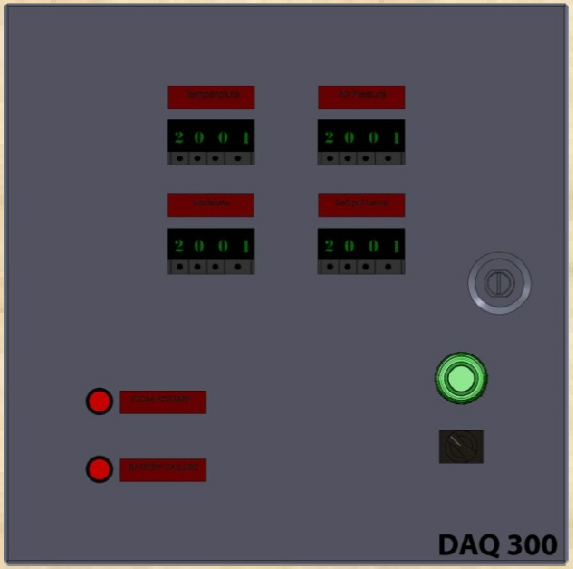
HMS N™
Industrial Wireless Sensors Monitoring System



Manufactured by

iSAC Systems, Toronto, Canada

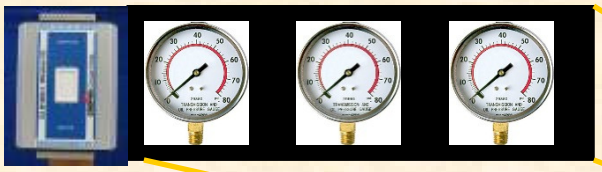
Introduction to Wireless

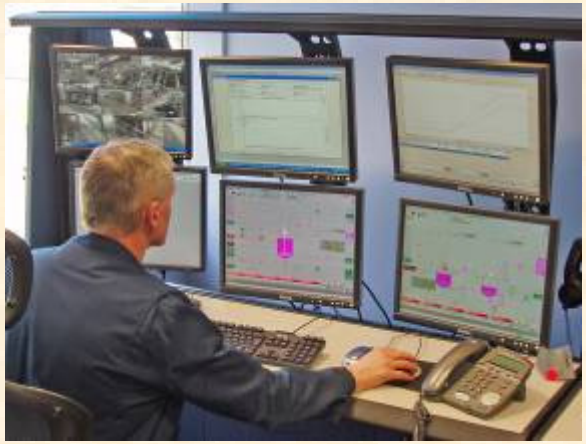
The reality with wired solutions

- Long distances from critical monitoring
- Large obstructions can make wiring impractical or impossible
- Processes or equipment need monitoring in use
- No power available in remote applications
- Expense

Introduction to Wireless

- Wireless adaptation





Radios simply eliminate the need to run wires for any sensor application

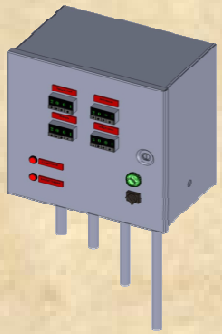
HMS N™ Product Design Options

HMS N_DLW1 → One Node Efficient data logger

FEATURES:

- Measure system parameters and store the data in SD-card flash memory.
- Display readings digitally using LCD panels.
- Sensors failure indicator.
- Memory full indicator.
- Battery Low light indicators.
- Dust proof and waterproof
- AC(120/220V) -DC Main power supply.
- Internal Battery backup supply (3.7V) with estimated life time up to 24 hours.
- Optional adding more industrial sensors with output voltage, serial standard interface (RS232/RS485).
- Small size and weight
- Simple installation and easy to use.

Price Available on request



HMS N_DLW2

One Node Efficient Wireless data logger

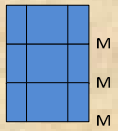
FEATURES:

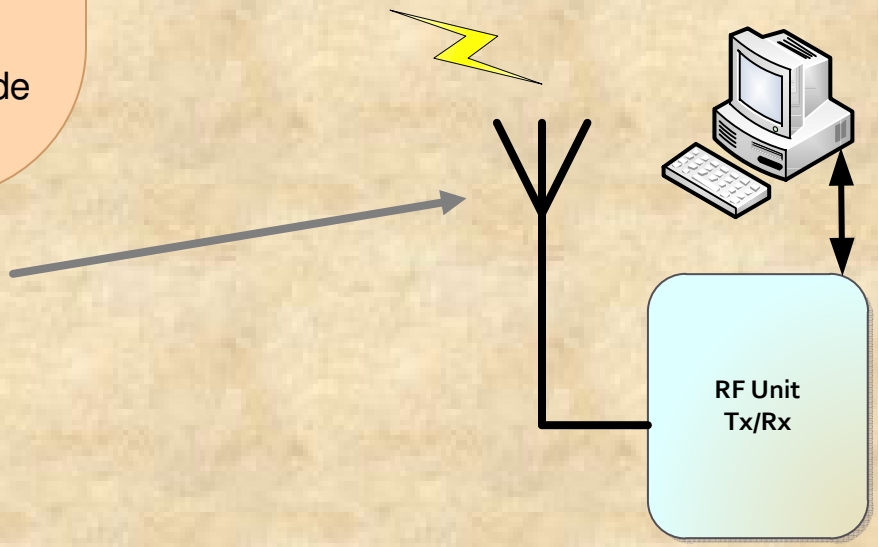
- Measure system parameters and store the data in SD-card flash memory.
- Display readings digitally using LCD panels.
- Sensors failure indicator.
- Battery Low light indicator.
- Send the readings wirelessly to remote base station.
- Transmitter Data storage is activated when RF link break.
- Memory full indicator.
- Received sensors readings are displayed graphically using developed GUI.
- Internal Battery backup supply for the sensor node PCB with other dimension and power features of HMS N_DLW1.
- RF Link failure indicators at both Sensor node and base-station.

Price Available on request

HMS N_DLW3

Optional LCD display at the receive side





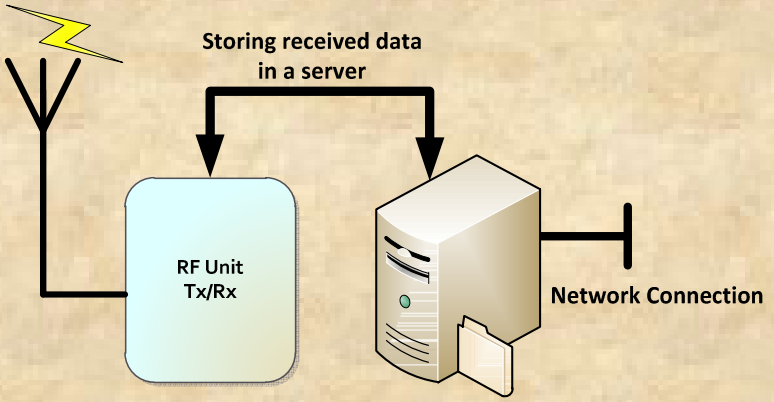
HMS N_DLW4

One Node Wireless data logger with Network Connection

FEATURES:

- Measure system parameters and store the data in SD-card flash memory.
- Display readings digitally using LCD panels.
- Sensors failure indicator.
- Battery Low light indicator.
- Send the readings wirelessly to remote base station.
- Transmitter Data storage is activated when RF link break.
- Memory full indicator.
- Received sensors readings can be monitored graphically through web connection.
- Received data are stored in a server or embedded PC.
- Internal Battery backup supply for the sensor node PCB with other dimension and power features of HMS N_DLW1.
- RF Link failure indicators at both Sensor node and base-station.

Price Available on request



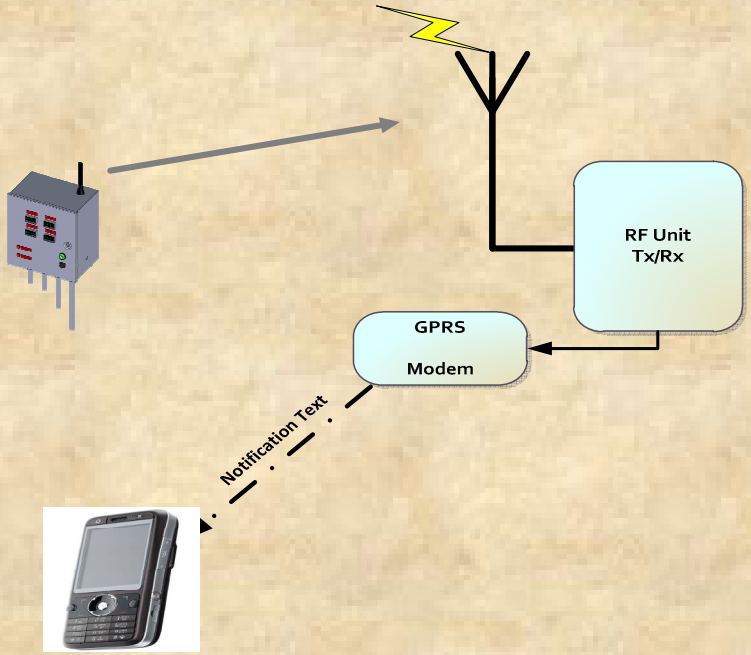
HMS N_DLW5

One Node Wireless data logger with Mobile alert

FEATURES:

- Measure system parameters and store the data in SD-card flash memory.
- Display readings digitally using LCD panels.
- Sensors failure indicator.
- Battery Low light indicator.
- Send the readings wirelessly to remote base station.
- Transmitter Data storage is activated when RF link break.
- Memory full indicator.
- Received sensors readings can be sent with alerts to a mobile through GPRS modem interface.
- Internal Battery backup supply for the sensor node PCB with other dimension and power features of HMS N_DLW1.
- RF Link failure indicators at both Sensor node and base-station.

Price Available on request



HMS N_DLW6

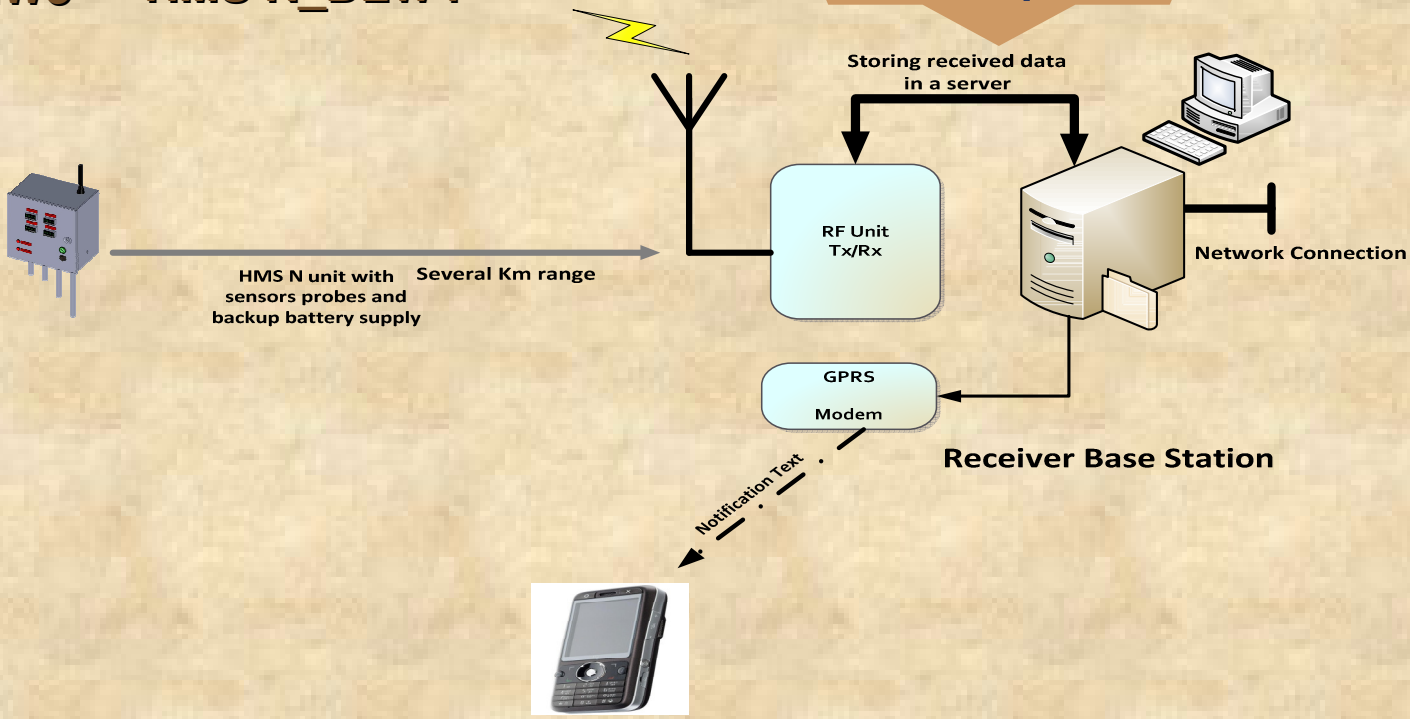
One Node Wireless with Network and Mobile monitoring

Combined features

HMS N_DLW5

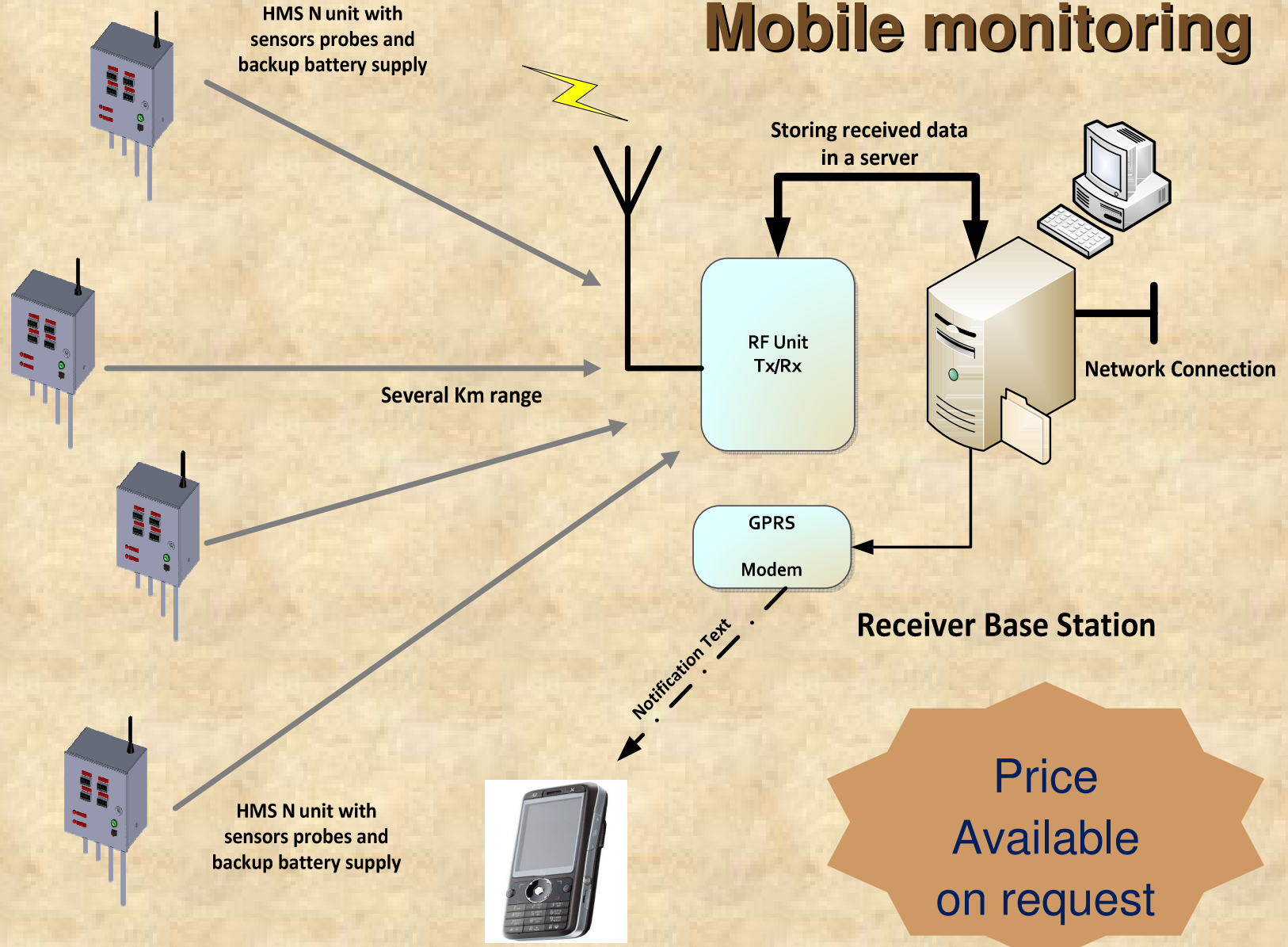
HMS N_DLW4

Price Available on request



HMS N_DLW7

Multi-Node Wireless with Network and Mobile monitoring



Price Available on request