

TEMPERATURE SENSOR 418MHZ & 900MHZ WIRELESS

DESCRIPTION:

The TMP1 series is battery-powered with an internal temperature sensors and built-in data transmitter to monitor ambient temperature. The compact enclosure operates in temperatures ranging from -40° to 85° C, making it easy to install in almost any environment. This sensor is ideal for hospitals, kitchens, museums, laboratories, storage units, warehouses and food service buildings in order to improve product safety, quality, and preservation and increase labor efficiency. Using a Sensor Server and Veal Software, automatic and historical reports and graphs are easily calculated.

418MHz



900MHz



Ordering: XR4-TMP1 (418MHz)
XR9N-TMP1, XR9-TMP2, XR9-TMP3 (900MHz)

MAIN FEATURES:

- > Monitors temperature in ambient settings
- > Small, lightweight enclosure is easy to install
- > Up to 100 sensors can coexist using a Sensor Server
- > Remotely configurable (900MHZ only)
- > Proprietary system does not interfere with other transmissions
- > 900MHz model available in sealed enclosure

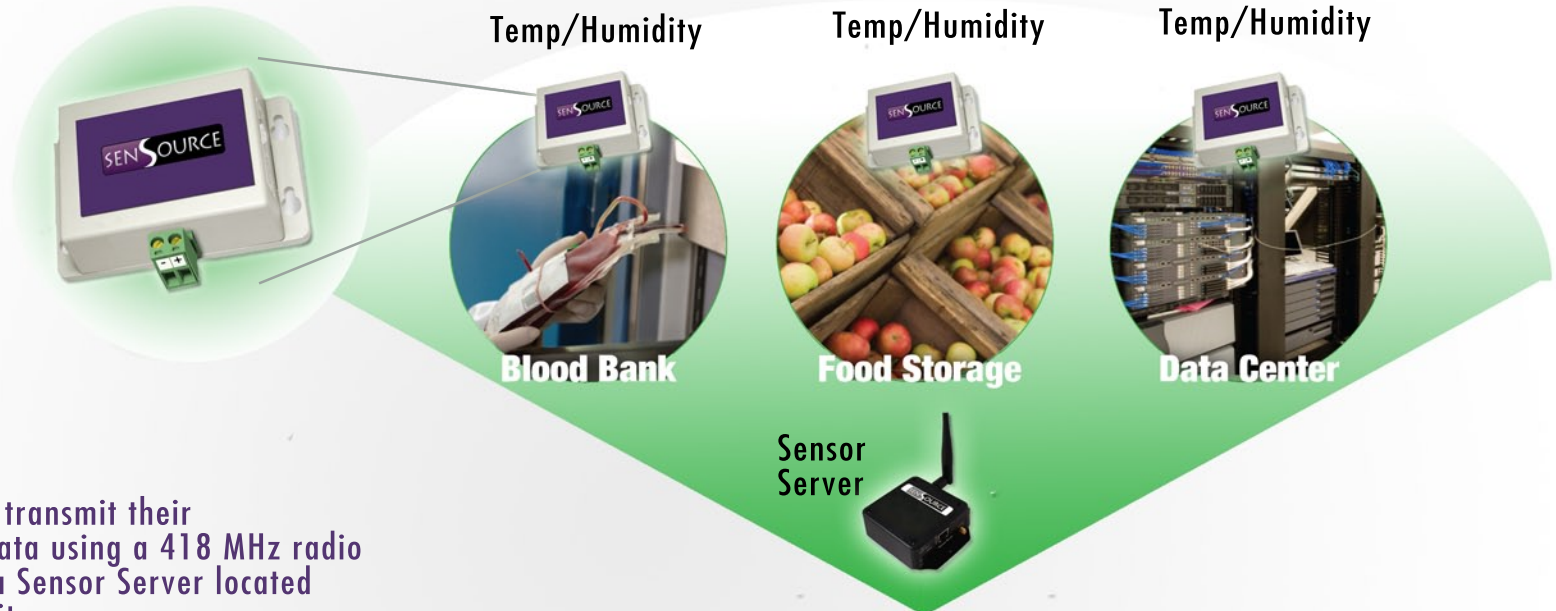
APPLICATIONS:

- > Warehouses and storage units
- > Hospital surgery rooms
- > Museum gallery rooms
- > Kitchen preparation areas
- > Industrial buildings

TECHNICAL DATA:	418 MHZ	900 MHZ
Transmission Rate	10 to 17 seconds	5 minutes
Maximum Transmission Range (LOS)*	200 feet	1300 feet
Maximum Transmission Range (Indoor)*	75 feet	650 feet
Dimensions	3.7" x 2.55" x 2.25"	3.9" x 3.9" x 2.0"
Weight	1.5 oz	4.7 oz
Battery	3.6V AA Lithium	(2) 1.5V Lithium
Battery life with 15 minute transmissions	Typical 2 years. Max 3 years	
Humidity	0% to 90% non-condensing	
Temperature Resolution	0.0625° C / 0.1125 ° F	
Storage/ Operating temperature	-40° to 85° C / -40° to 185° C	

* Maximum transmission ranges are determined using ideal conditions. SenSource recommends using a 50% safety factor for most installations. SenSource does not guarantee battery life or transmission range. Custom features are available. Please contact factory for more information.

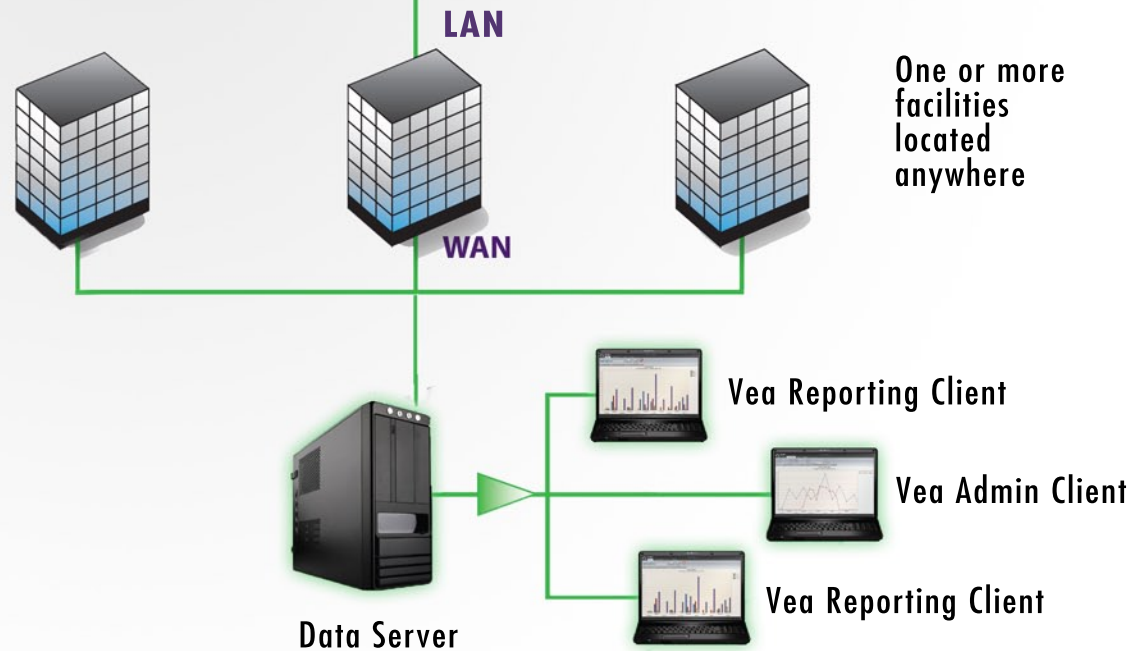
How SenSource 418 MHz Temperature and Humidity Environmental Systems Work



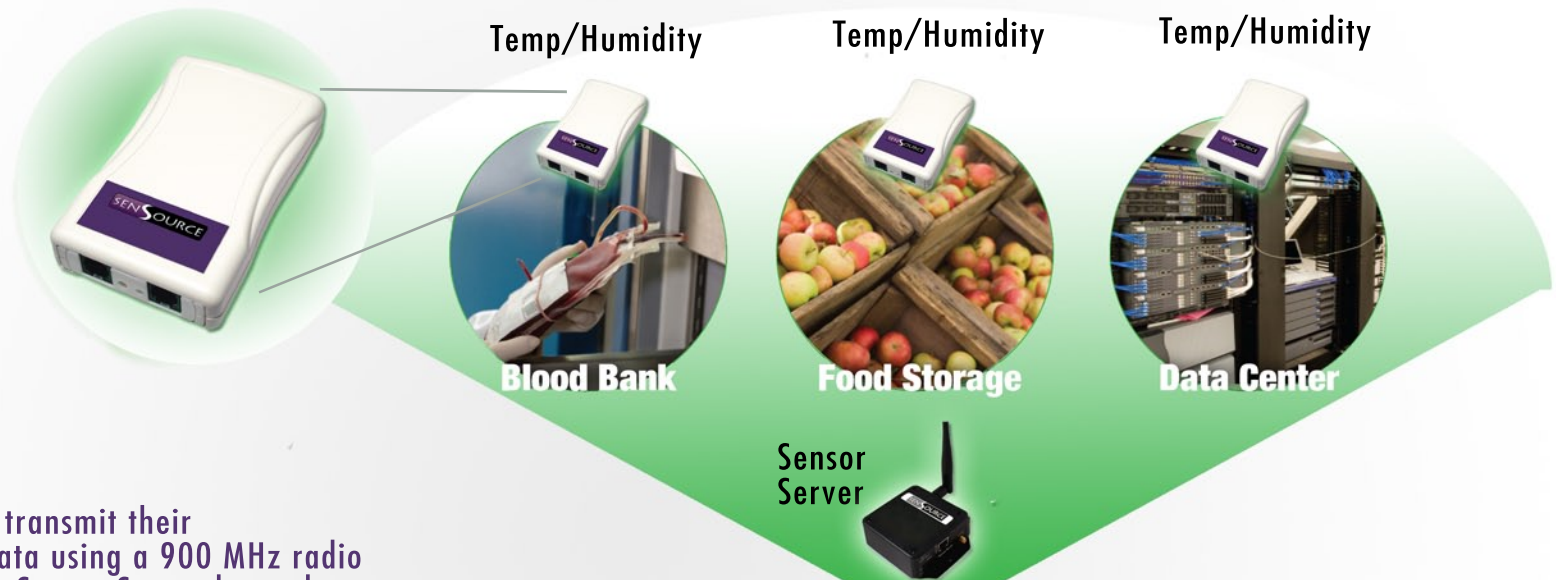
1 Wireless sensors transmit their environmental data using a 418 MHz radio transmission to a Sensor Server located within your facility.

2 Using Vea Software, data is stored and collected onto a MS SQL database using either a PC or server.

3 Distributed installations of Vea can be used to configure, collect, monitor and report temperature and humidity data.



How SenSource 900 MHz Temperature and Humidity Environmental Systems Work



1 Wireless sensors transmit their environmental data using a 900 MHz radio transmission to a Sensor Server located within your facility.

2 Using Vea Software, data is stored and collected onto a MS SQL database using either a PC or server.

3 Distributed installations of Vea can be used to configure, collect, monitor and report temperature and humidity data.

