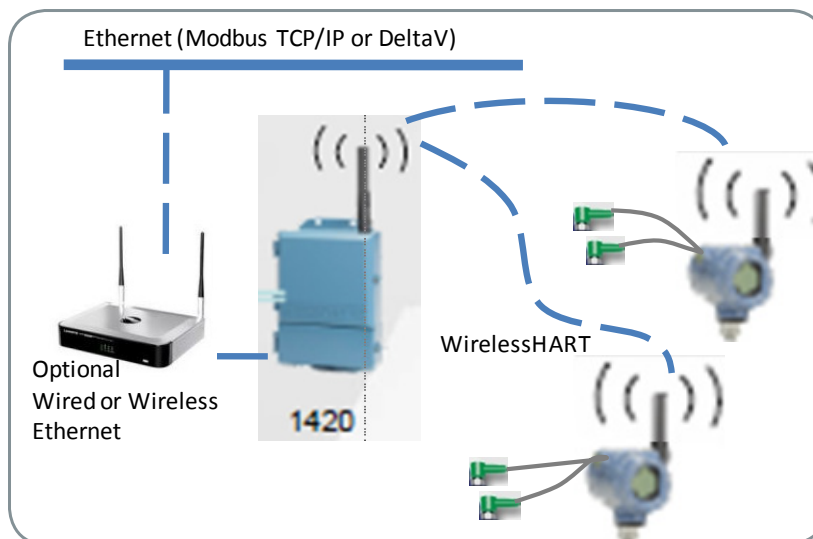


# Novaspect

## “Mobile” Asset Vibration Monitoring

- Designed to move from asset to asset and allow 24/7 monitoring, trending, and alarming of assets with a suspect or intermittent problem
- Complete Package Solution including:
  - (1) WirelessHART Gateway,
  - (2) Vibration Transmitters,
  - (4) Accelerometers with magnetic mounts, Startup Support for Transmitters, Gateway and DeltaV Integration
- System can also support additional vibration points along with process temperature and pressure.
- Easy to move and mount using magnetic mount accelerometers, 2 Year battery powered transmitter, and WirelessHART communications
- Easily Integrates to Control Systems or Plant Historians such as DeltaV through WirelessHART Gateway



The Novaspect Wireless Vibration solution is easily picked up and moved to the asset of concern.

### Overview

As part of complete reliability program, the Novaspect wireless vibration solution is a cost effective way to have a flexible and moveable diagnostics tool for 24/7 monitoring of a suspect asset.

The Novaspect solution packages together standard Emerson products including the 9420 Vibration Transmitter, the 1420 WirelessHART Gateway, and Startup Engineering Services. The ease of setup and portability of this system is one-of-a-kind in the industry.

Each wireless transmitter has two channels for accelerometers. The parameters sent out from the 9420 include: Overall Vibration, PeakVue (early bearing fault detection for roller element bearings).

The long life battery is capable of lasting approximately 2 years using a 15 minute update rate.

Suggested Plant Software: AMS Suite: Intelligent Device Manager Ver. 10 or DeltaV Ver. 10

For more information contact your Novaspect Account Manager.

# Novaspect

## Ordering Information

Model	Description
Nova-9420	Mobile Asset Vibration Monitoring System

Code	Ethernet Communications
D	DeltaV Network
O	OPC Communications
M	Modbus TCP/IP

Code	Wired or Wireless Ethernet
01	Wired Ethernet
02	Wireless Ethernet with Linksys WET54G Ethernet Bridge
03	Wireless Ethernet with Cisco 1300 Series Ethernet Bridge

Code	Accelerometer Type
2	Dual Low Power Accelerometers per transmitter

Code	Housing
D	Dual Compartment Housing - Aluminum

Code	Sensor Cable Style
RI	Right Angle, Green Jacket
RA	Right Angle, Armor Jacket
RAC	Right Angle, Armor Jacket w/ Teflon Coating

Code	Sensor Cable Length
10	10' Cable Length
30	30' Cable Length
50	50' Cable Length
75	75' Cable Length
100	100' Cable Length