Direct point to point transmission typical distance = 1/3 to 1/2 mile radius
Actual distances can vary widely based on conditions
Receiver has DHCP or static IP addressing

Typical Configuration 1
EchoPlus® Wireless Junction Box
Optional high-gain antennas
Process 24 VDC power or 6-13 VDC battery power

Typical Configuration 2
Echo® Wireless Vibration Sensors
190-290 VAC to 11 VDC Universal Power Supply
Included antennas TCP/IP

Vibration Analysis Using Data Collector
EchoPlus® Wireless Junction Box & Echo® Wireless Vibration Sensor
Data collector connects directly to:
- EchoPlus® Wireless Junction Box via standard BNC connector
Wireless transmission stops while analog acceleration output is acquired via BNC. After handheld data collection, device returns to regular transmission schedule.

Echo® Monitoring Software

Echo® Data Presentation SW
Access to SQL Database through internet with LAN
- Trend plots
- Status
- Alarms
- Reports
- Sensor configuration

Echo® Data Presentation SW
Access to SQL Database through internet with VPN
- Trend plots
- Status
- Alarms
- Reports
- Sensor configuration

Echo® Sensor Data
MS SQL Server 2005
All monitor stations, either through LAN or remote access, have all the same functionality as server system, but do not store data.