



iNodes from Ferguson Beaugard offers affordable local and remote monitoring of your production assets. Our Concentration & Communications Unit delivers remotely collected from the iNode devices to your office. Our iNodesConfig application along with our Compact Flash Radio (CFR) installed in any Windows-based PC/PDA provides on-site data viewing and device configuration.

## Features:

- Low cost
- Standard Compact Flash (CF) interface used by all Microsoft Windows®- based PDAs and laptops (most laptops require a CF adapter)
- Field configuration, software upgrade and local data retrieval by any iMonitoring Compact Flash Radio (CFR) - enabled PC, including laptop PCs and PDAs
- Collected data can be downloaded to a desktop PC through Microsoft ActiveSync or by reading the PDA or laptop removable memory card (memory card adapter required in the PC)
- Field configurable and upgradeable

## Compact Flash Radio (CFR)

The CFR provides a self-contained access point for iMonitoring wireless sensing applications. It is used with a Personal Data Assistant (PDA) or laptop computer to:

- Communicate with iNodes™
- Collect, review and save iNodes™ data on site
- Initialize and configure iNodes™
- Upgrade firmware on iNodes™



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## Technical Specifications

| Communications            |   |
|---------------------------|---|
| <b>Protocol</b>           | iMonitoring proprietary Frequency Hopping Spread Spectrum (FHSS)        |
| <b>Frequency</b>          | 902 - 928 MHz   |
| <b>Rate</b>               | 4,800 baud  |
| <b>Range</b>              | 500 feet (typical)  |
| <b>Service</b>            | Half-Duplex   |
| <b>Antenna</b>            | Internal  |
| Power                     |   |
| <b>Source</b>             | Powered by host PDA or laptop PC  |
| Interface and Form Factor |   |
|                           | Compact Flash, Type I   |
| Environmental             |   |
|                           | Meets or exceeds environmental specifications of PDA or laptop          |
| Regulatory Approvals      |   |
| <b>Safety</b>             | Not rated for hazardous locations                                       |
| <b>Communications</b>     | Meets FCC Part 15.247 and Code of Federal Regulations (CFR) 47, Part 15 |

### The iNodes™ Suite of Products Include:

- Tank Level Monitor
- Wireless Data Switch
- Electronic Flow Monitor
- Wireless Pressure/Temperature Monitor
- Concentration & Communications Unit
- Concentration & Communications Unit – Remote Terminal Unit
- Compact Flash Radio
- Universal Serial Bus Radio



Contact us today to learn how iNodes Technology can help improve your production performance. Visit our web site—or email us at: [Automation@FergusonBeauregard.com](mailto:Automation@FergusonBeauregard.com)

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