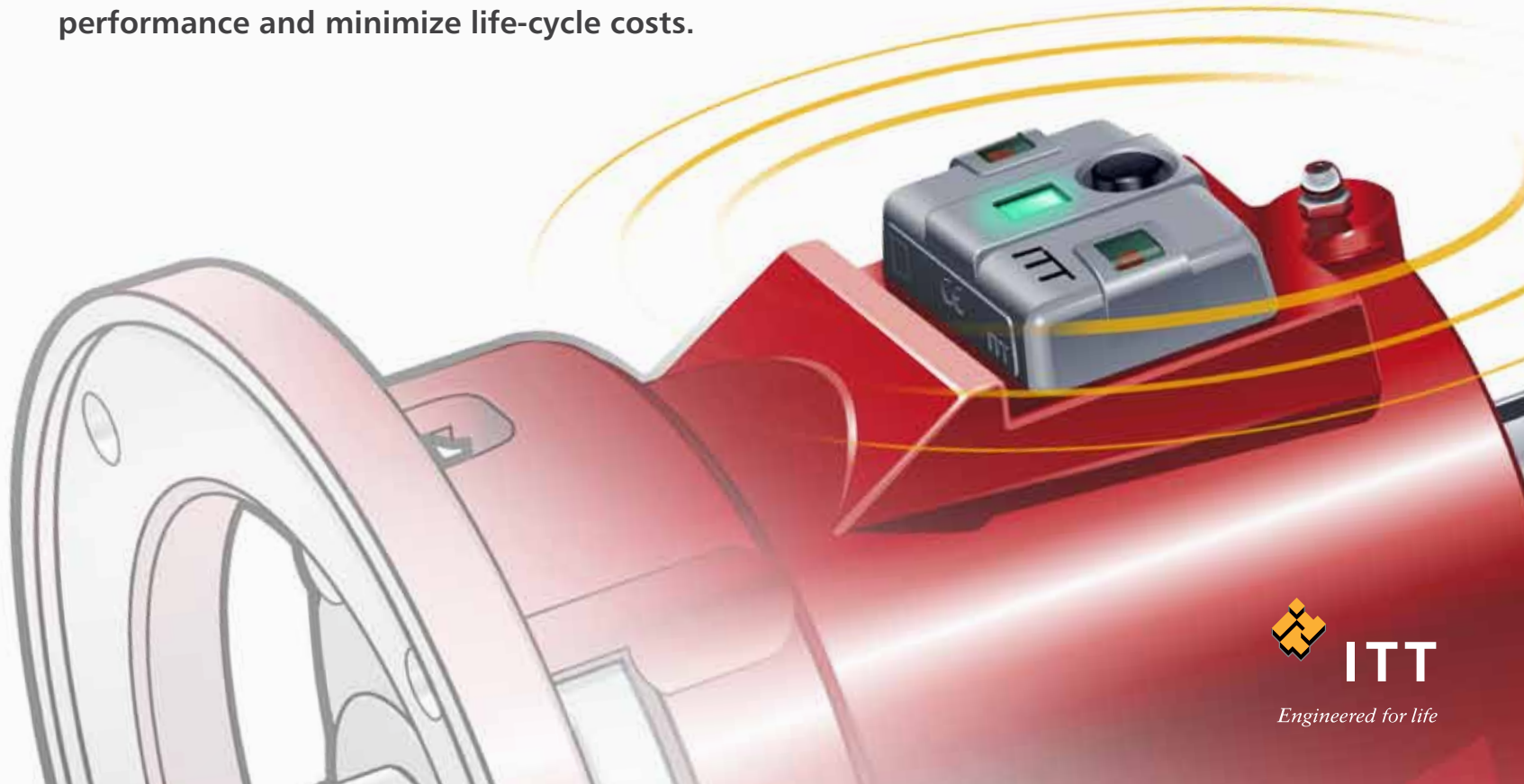




patented **i-ALERT**<sup>TM</sup> condition monitor

Your early warning signal of pump trouble to help maximize performance and minimize life-cycle costs.



**ITT**

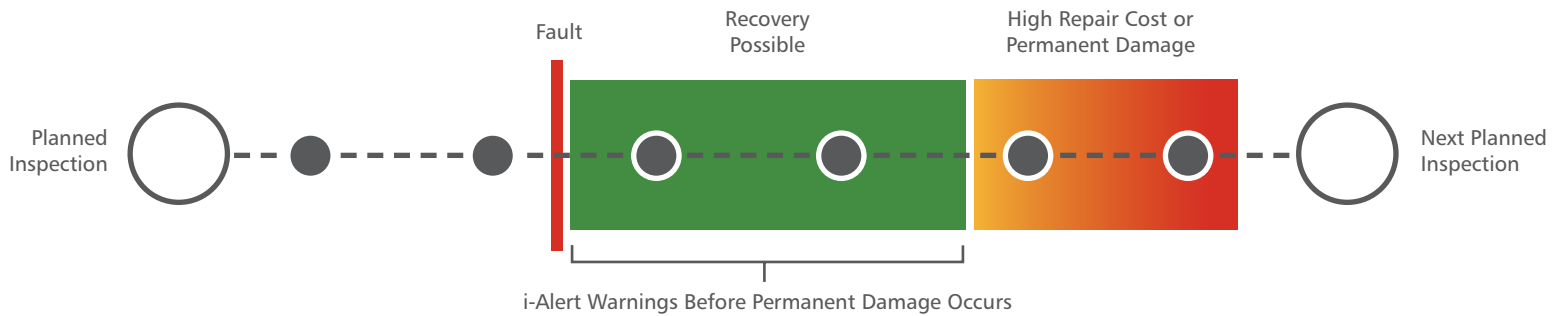
*Engineered for life*

# i-ALERT™

continuously measures vibration and temperature at the outboard bearing and automatically indicates when pre-set levels of vibration and temperature have been exceeded. A visual indication of pump health makes walk-around inspections more efficient and accurate. Flashing alert lights are easily seen so that action can be taken quickly before permanent damage occurs. The result is a more robust process to monitor and maintain all pumps to help minimize life-cycle costs while maximizing performance and uptime.



- Measures vibration and temperature every five minutes.
- Alarms if two consecutive readings of "high" levels.
- Vibration alarms include:
  - 100% increase over baseline level (0.125 inch/sec minimum)
  - Automatic 0.50 inch/sec
- Temperature alarm at 195°F (91°C)
- Ambient temperature range: -40°F to 212°F (-40°C to 100°C)
- Accuracy:  $\pm 15\%$  across temperature range
- Battery: 3 to 5 year life, low voltage, non-replaceable, 3 volt Lithium
- CSA Certification for U.S. and Canada
- Patented design based on over 150 years of ITT pump experience and innovation.



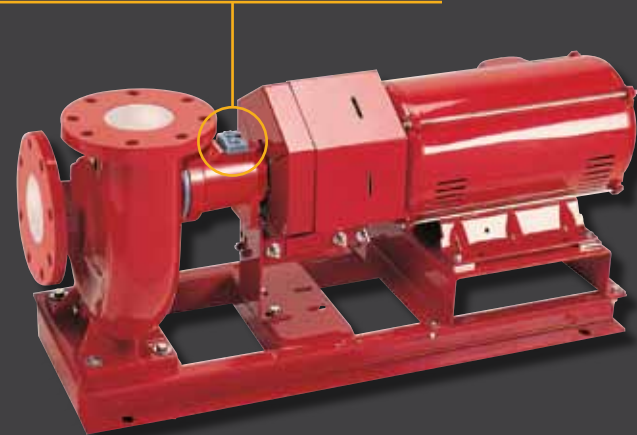
The onset of failure often occurs between normal monitoring intervals. The i-ALERT™ provides early warning of improper operation before permanent damage occurs.

## The i-ALERT™ comes standard on the Bell & Gossett Series 1510 End Suction Pumps

### Series 1510 End Suction Pumps

Bell & Gossett Series 1510 pump was designed with specific features to extend pump life, provide optimum hydraulic performance, and reduce maintenance time and costs – all while providing a true back pull-out capability.

Base-mounted, end-suction Series 1510 pumps are available in 1-1/4" through 8" sizes, 1/2 HP to 150 HP at 1750 RPM and 2 HP through 150 HP at 3500 RPM. Bronze-fitted and all-iron material configurations are available with flows to 4000 GPM, heads to 500 feet. Integrally cast volute foot and center drop-out spacer coupling combine to offer true back pullout capability, providing low-cost ease of maintenance. An ANSI-OSHA-compliant coupling guard shields the flexible coupler. A welded steel baseplate and internally flushed mechanical seal are standard features on this pump.



## Trust the name that sets the standard in the industry.

Bell & Gossett provides smart, efficient and cost-saving pump systems suitable for residential and commercial HVAC and pressure booster applications. From apartment buildings to schools and hospitals, Bell & Gossett controls and packaged systems are trusted for their reliability, flexibility and maximum energy savings.

For over 90 years Bell & Gossett has brought you the most reliable and innovative products for hydronic, HVAC and plumbing systems. From pumps and heat exchangers, to air management systems and valves, Bell & Gossett knows what you need to get the job done right the first time and provide lasting value.

Your local Bell & Gossett representative is an experienced professional with a wealth of technical expertise. Because they know systems from design to operation, they can give you the advice and support you need to successfully install, operate and maintain your pumping systems.

**ITT**  
8200 N. Austin Avenue  
Morton Grove, Illinois 60053  
Phone: (847) 966-3700  
Fax: (847) 966-9052  
[www.bellgossett.com](http://www.bellgossett.com)

