

# LOAD MONITORING FASTENER<sup>plus</sup>

Powered by  
 Transmission Dynamics



***Do you want to be notified when a critical bolt comes loose?***

Load Monitoring Fastener<sup>+</sup> (LMF<sup>+</sup>) is a wireless, accurate, and automatic load monitoring fastener system. The LMF<sup>+</sup> is extremely easy to use and will allow users to continually observe and record the true tightness of fasteners, both during installation and while the assembly is in operation. Automated alerts will notify you if tension deviates from desired values.

## ADVANCED TECHNOLOGY

- + Continuous monitoring of fastener tension during and after assembly
- + Set pre-defined tolerances for in-service alerts
- + Real-time, precise, and easy-to-read digital data measurements
- + Instant readings with hand-held reader, phone, or any internet device
- + Pin-point the exact location of the problem
- + Condition monitoring for optimized performance and predictive maintenance



LMF<sup>+</sup> is powered by  
Transmission Dynamic's  
Bolt Cap Module®



# HOW IT WORKS

Any critical care fastener is programmed with your required tension levels prior to on-site installation.



Live tension data is transmitted to your connected device and accessible on and off site.



Automated email and/or SMS text alerts deploy when tension falls outside the pre-determined levels, providing continuous, quantified assurance.



## PROVEN TECHNOLOGY - WORLD WIDE - HEAVY INDUSTRIAL APPLICATIONS



## QUALITY ASSURANCE

### CONFIDENCE

- Since 2014, LMF+ has consistently proven itself as a valuable technology for critical applications
- In operation internationally in diverse industrial applications and extremely rugged environments

### DURABILITY

Resistant to:

- Extreme temperatures
- Electromagnetic interference
- Shock & vibrations IEC 61373
- Water and dust IP65/IP67
- Corrosion ASTM B117
- Fatigue

### VERSATILITY

- Intuitive User Interface
- Easily manageable alert & notification settings
- Customizable data display
- Industrial IOT data analysis

### ACCURACY & QUALITY

- ASTM F2482 Load-Indicating Externally Threaded Fasteners
- A2LA Accredited Laboratory
- ISO 9001:2015



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Certified to  
ISO 9001:2015  
Certificate # 74 300 4126

