LANTRONIX

September 20, 2019

ENV-00260 Rev A
MTBF Declaration

To Whom It May Concern:

A calculation was performed using a predictive method per Telcordia SR332 Issue 2.

Product: EMG8500 EDGE MANAGEMENT GATEWAY		
Environment: Ground Benign, Controlled		
Temperature:	30 °C	85 °C
Failure Rate (FIT):	4.17	18.74
MTBF:	239420 hours (27.33 years)	53351 hours (6.09 years)

Definitions

> **Failure Rate (FIT):** Failures per billion hours. The total number of failures within an item population per the total number of life units expended by that population during a measurement interval under stated conditions.

> **Failure:** The events, or inoperable state, in which any item or part of an item does not, or would not, perform as specified.

> **MTBF:** Mean time between failures. This is an average value of time between successive outages of the system.

Sano Marsiano
Director, WW Quality and Manufacturing Engineering
Lantronix, Inc.