

## **MVI69 Family Mean Time Between Failure**

October, 2011

All Models

**MVI69 family MTBF = 18,687,038 hours**

Probability that any given unit will not fail within 5 years is determined by the formula  $R(T) = e^{(-T/MTBF)}$  where  $T = 43,800$  hours. Thus  $R(T) = e^{(-.002344)} = 0.997659$ . There is a 99.77 % probability that any given MVI69 model will perform without failure for 5 years.

**MVI69 family 5-year performance probability = 99.77%**