

# TAKING A PREDICTIVE approach to maintenance

Manufacturers continuously look for ways to effectively **DO MORE WITH LESS**

\$65 B

of legacy automation assets are reaching the end of their useful life

Source: ARC Advisory Group

\$12,500

average hourly cost of unplanned downtime

Source: ARC Advisory Group

\$30 B

MRO spent per year by manufacturing companies worldwide

Source: Boston Consulting Group

## TRADITIONAL STRATEGY ISSUES - Reactive and preventative maintenance

- 1

Unplanned downtime is expensive
- 2

Intervals don't match asset operation
- 3

Skilled labor is limited

## PREDICTIVE APPROACH - Use smart device analytics for a competitive edge



Analytical models that monitor operating conditions



Smart Device insights improve reliability and extend asset lifecycle






Optimize maintenance resources

Our smart devices continuously **LEARN** and **ADAPT** to your application



## PREDICTIVE MAINTENANCE EVOLUTION - Example key components

	TRADITIONAL	CONTEMPORARY
FAN/BLOWERS 	Run to failure	<b>PREDICT</b> with 755T
POWER DEVICES 	Run to failure	<b>PREDICT</b> with 755T
CAPACITORS 	Run to failure	<b>PREDICT</b> with 755T

Patented predictive maintenance algorithms built in to PowerFlex® 755T drives

## PREDICTIVE MAINTENANCE WITH POWERFLEX® 755T DRIVES HELP YOU:

- 1

Reduce unplanned downtime
- 2

Optimize maintenance costs
- 3

Greater asset utilization