

smart solutions summit

REACH PEAK RELIABILITY WITH PREDICTIVE MAINTENANCE TOOLS & TECHNOLOGY





WELCOME



JOSH REITZ

End User Solutions Manager jreitz@vanmeterinc.com



Learn how to develop a reliability strategy that integrates predictive maintenance tools and technologies with equipment lifecycle management, technical support and training. Plus, you'll see how internal collaboration and change management drive improvement in key maintenance and reliability metrics.

QUICK POLL

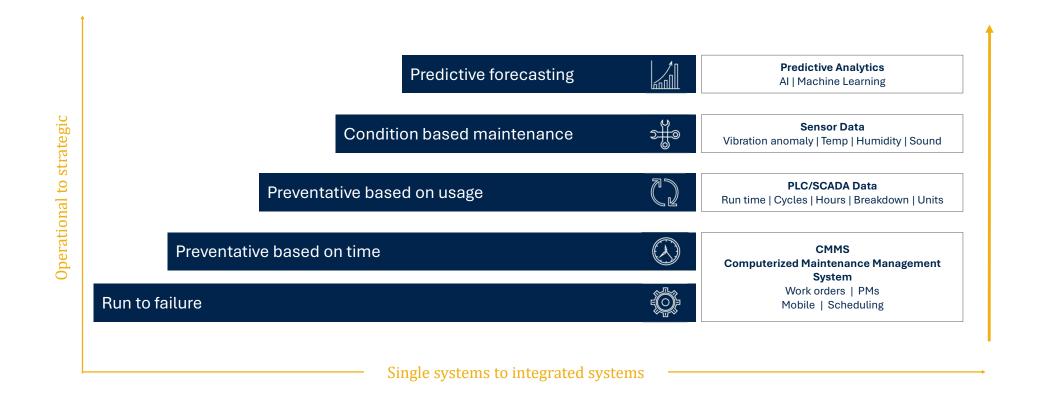
WHERE ARE YOU IN REGARDS TO PLANT RELIABILITY?

Reactive

Proactive

DIGITAL MAINTENANCE JOURNEY

Fiix's CMMS supports customers through that journey from basic maintenance strategies to more sophisticated programs



CAN ANYONE RELATE?



LABOR SHORTAGE

The U.S. Bureau of Labor Statistics estimates a shortage of more than 2 million manufacturing workers by 2025, with more than 10,000 boomers retiring daily.

According to LNS Research in their 2019 Connected Worker eBook, this impacts manufacturers as valuable skills, experience and institutional knowledge are lost.

DO YOU KNOW
WHERE MOST OF
YOUR
DOWNTIME
TAKES PLACE?

Operator Error

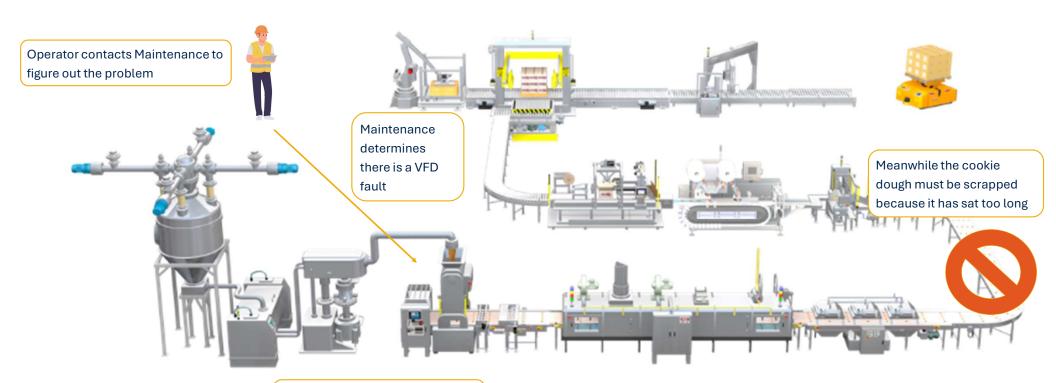
Mechanical Failure

Network Issues

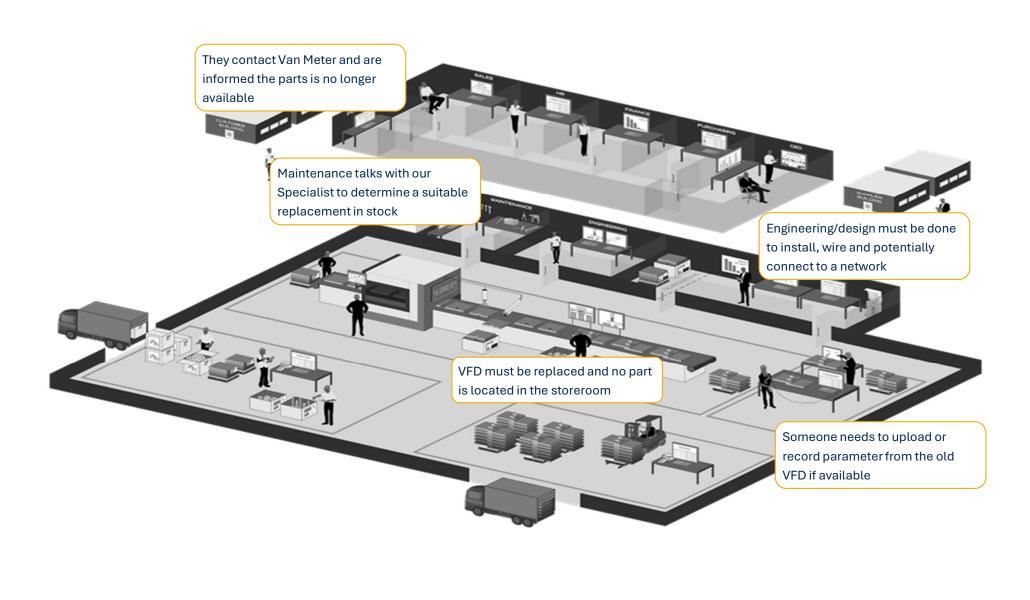
Aging Infrastructure

PROBLEMS HAPPEN...

WHAT DOES THIS LOOK LIKE FOR YOUR PLANT IF YOU DON'T HAVE A PLAN?



Machine has a shutdown which cannot be reset (not the first time)



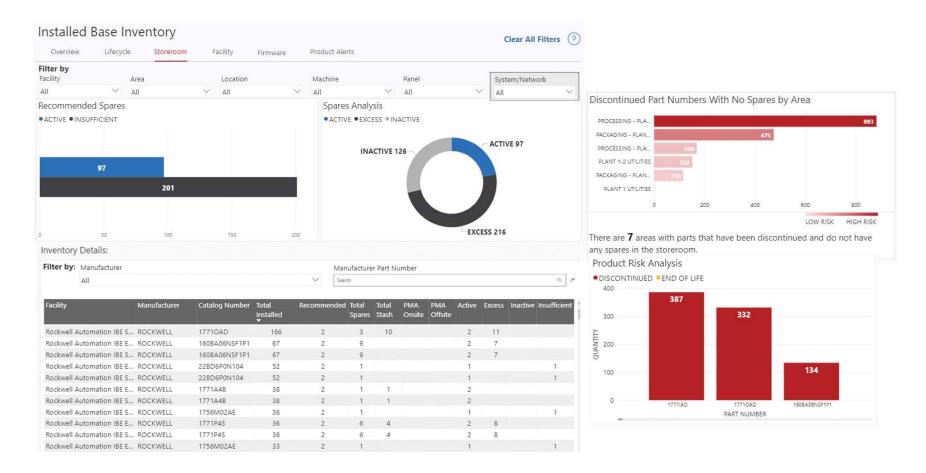




OK, NOW THAT WE HAVE YOUR ATTENTION...

LET'S BUILD A PLAN.

DO AN ASSESSMENT OF YOUR INSTALLED BASE



MAKE SURE YOU HAVE THE PARTS YOU NEED



IDENTIFY YOUR SKILL GAPS



Define the skills

and evaluate









EMPLOYEE ENGAGEMENT

required of the job

workers against

that expectation

of improvement

Target the training for the gaps that exist and tailor it to the time frame you

need

RIGHT TRAINING

AT THE RIGHT TIME

- Pinpoint the areas
- · Pick the modality that works best for the employee and their situation

COST-EFFECTIVE

- Investing in an assessment is a cost-savings in the long run
- Spend training budgets on training that you're confident will be impactful

MEASURE PROGRESS

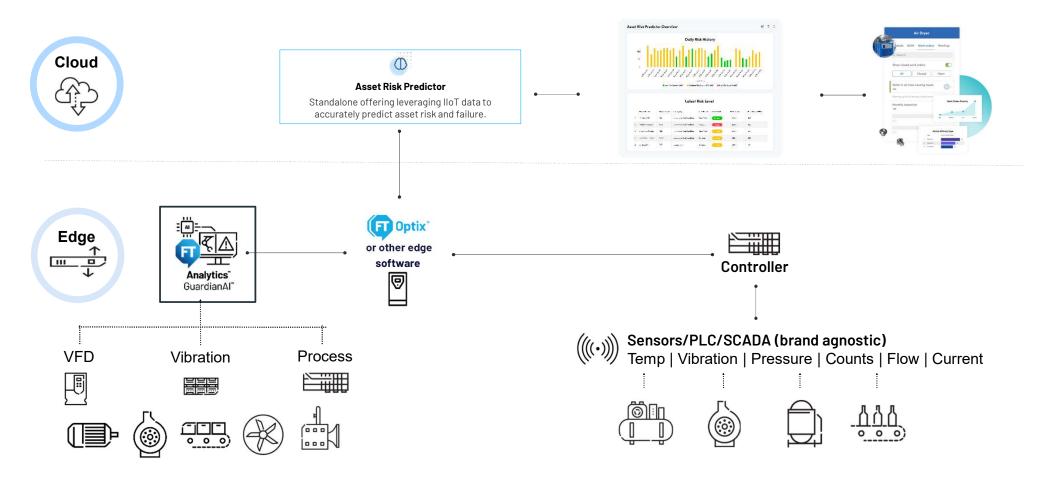
- Create a baseline ahead of training
- Measure progress over time utilizing a follow-up assessment
- · Employees are more likely to be motivated when they see their employer invest in them, specifically in training that directly applies to their job



YOU HAVE YOUR PLAN...

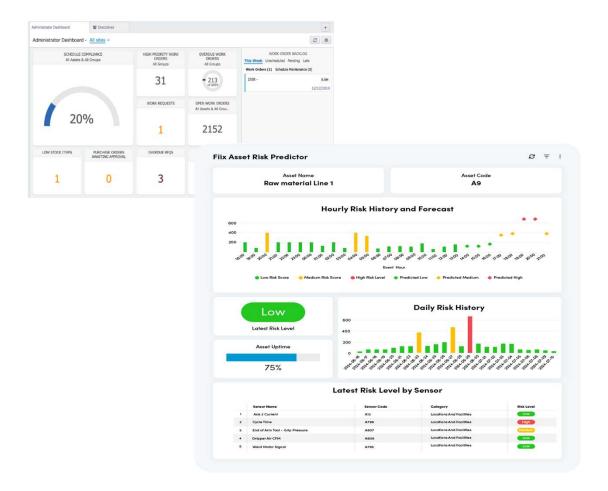
TOOLS AND TECHNOLOGY

REAL-TIME VISIBILITY OF OUR ASSETS/TOOLS





MANAGE YOUR RELIABILITY PROGRAM







Conveyor system

REAL-TIME MACHINE HEALTH



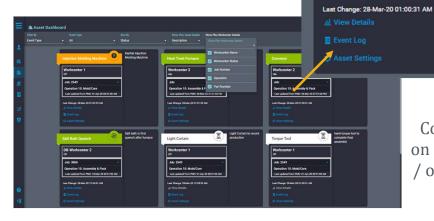
Factory view. Asset groupings and live statuses of individual assets (including non-production equipment)

Operation 10: Assembly & Pack

Last updated from PMC: 26-Mar-20 07:57:00 PM

Workcenter 2

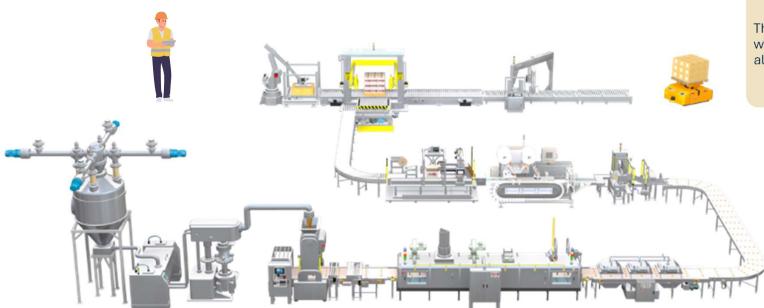




Contextual insight on current job / part / operation by asset

PROBLEMS HAPPEN...

BUT YOU ARE PREPARED.



The digital CMMS **automatically** creates a work order

The VFD is replaced with a part that has already been kitted.

Team performs a root cause failure analysis of the data collected

Findings show the changes that can be programmed into the machines.

PREDICTIVE MAINTENANCE TOOLS **HELP YOU PREPARE**













Inventory+ (Inventory **Management Services)**





(training)



TechConnect

THINK ABOUT YOUR PLANT.

Do you know the lifecycle status of your installed assets?

Does your storeroom align to your plant floor critical spares?

Does your workforce know how to troubleshoot and support your equipment?

Do you have full visibility into your asset health?

- How long does it take to identify?
- How long to correct the issue?

Where are you in regard to reliability: reactive or proactive?

