



Preventive Maintenance

Strategy Series

Make the most of your preventive maintenance plan

Is this EBOOK FOR ME?

Yes

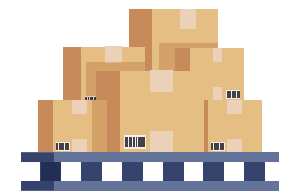
Yes, if you have a preventive maintenance program **but**

- Still spend most of your time on reactive maintenance
- Organize preventive maintenance with paper and pen or spreadsheets
- Already have preventive maintenance software in place, but you're not sure it's working

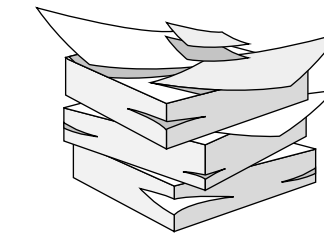
Yes, if you want to learn how to

- Identify the problems your company needs to overcome
- Move beyond reactive maintenance practices
- Implement preventive maintenance practices
- Optimize your preventive maintenance plan through maintenance process flow

Does any of this **SOUND FAMILIAR?**



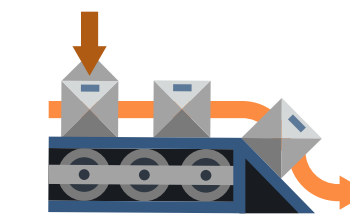
Disorganized inventory and poor asset management



Piled-up work orders



Excessive downtime



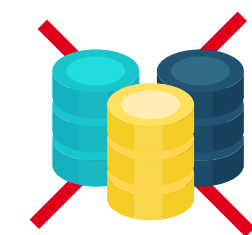
Inefficient production



Overall low throughput for the design of the plant



Missed production goals



Unreliable data on maintenance history, costs, and other KPIs

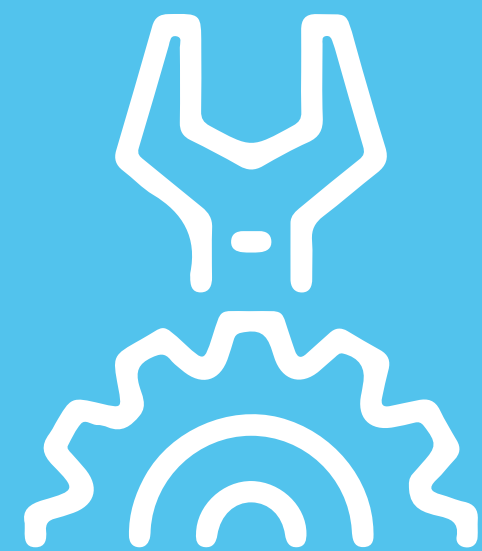
Those problems come from two sources.



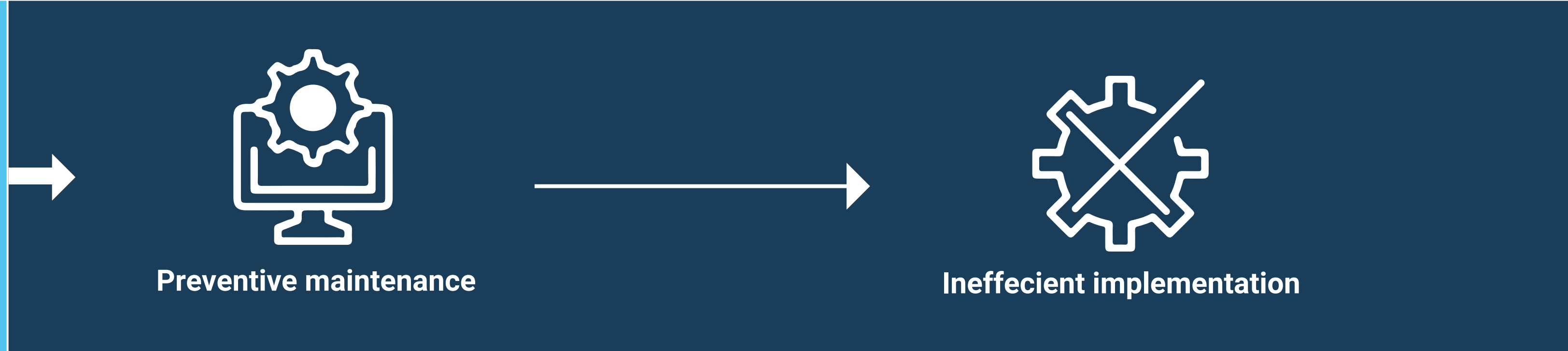
Preventive maintenance



Inefficient implementation



Reactive maintenance

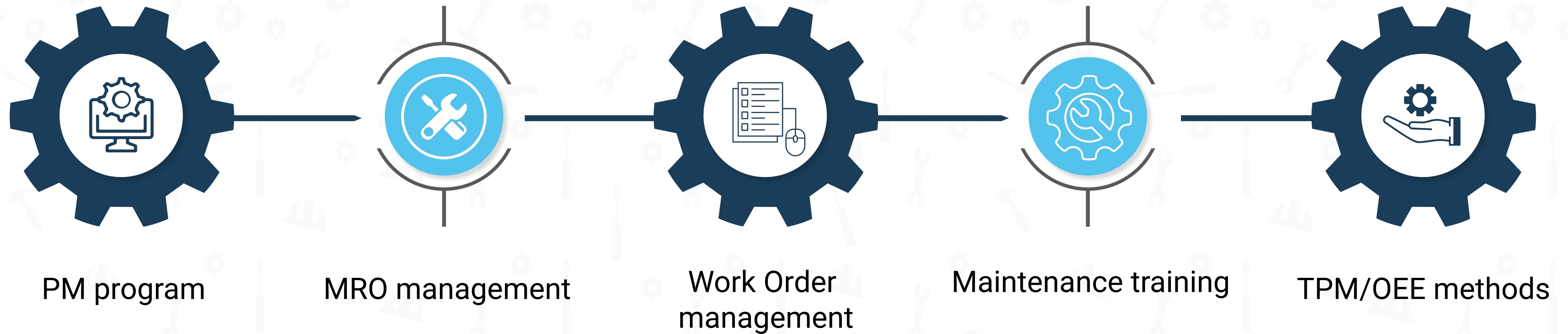




“A recent study by **Jones Lang LaSalle** highlights how a **telecommunications company** saw a **545%** return on investment **(ROI)** when implementing a properly designed preventive maintenance plan.”



Is your current preventive maintenance program **INCREASING EFFICIENCY ACROSS THE BOARD?**



Maintenance Process Flow

Five

Four

Three

Two

One

Let's look at each step.

Is your current **PREVENTIVE MAINTENANCE PROGRAM WORKING?**



You need to look at unplanned maintenance costs.

First, compare the labor hours and money spent every month on unplanned maintenance before and after you implemented your PM program.

Is your current **PREVENTIVE MAINTENANCE PROGRAM WORKING?**



Next, compare your numbers to the industry standard.

“An effective preventive maintenance program will reduce the amount of unplanned work to less than **80%** of all the manpower expended for all equipment activities.”

If you're above 80%, it's time to rethink your program.

When starting a new project,
FIRST REMIND YOURSELF OF THE BENEFITS.

300%

Repair and rehabilitation costs for damage to equipment under a reactive program can be as high as 300% and more over preventive maintenance costs

- The complete handbook of maintenance management - [John Heintzelman](#)

Then take concrete steps toward your goal.

Is your MRO MANAGEMENT EFFICIENT?



Are equipment supplies organized, properly identified, and tagged?

Is cost and usage tracking data complete and easily accessible?



Does the purchasing system match maintenance schedules?

Is your MRO MANAGEMENT EFFICIENT?

You need to look at the percentage of time parts are in stock when they are needed.

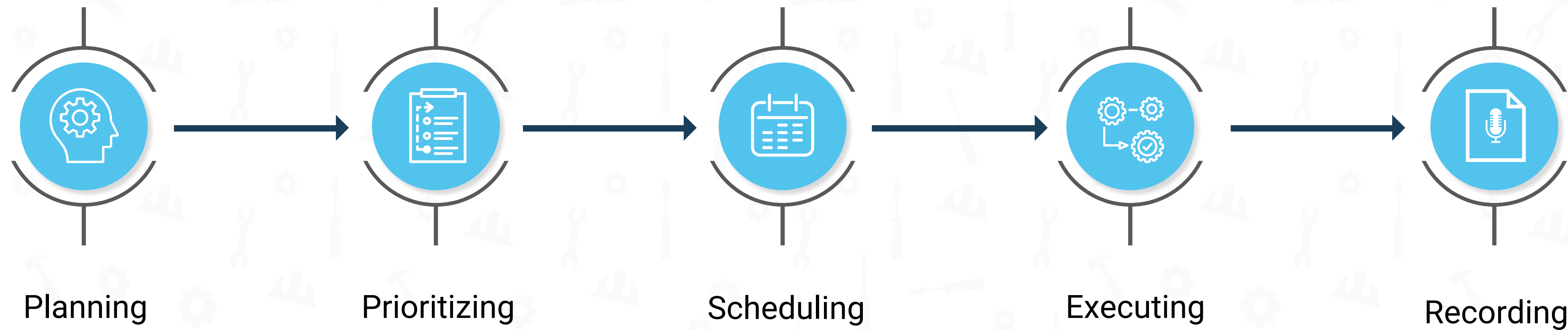
“Spare parts must be on hand at least **95%** to **97%** of the time to support maintenance planning and scheduling functions.”

If you're below 95%, it's time to rethink your program.



Is your **WORK ORDER MANAGEMENT EFFICIENT?**

All tasks should be tracked through work orders. You also need a process to request and prioritize work orders.

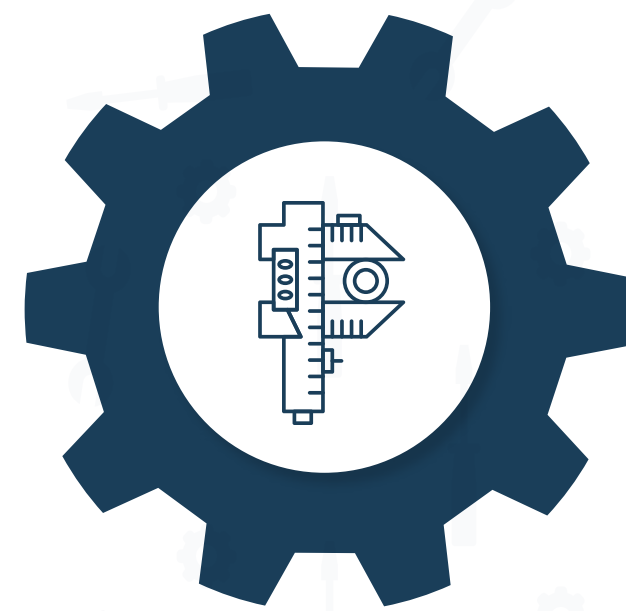


Is your **WORK ORDER MANAGEMENT EFFICIENT?**

Managing work orders involves:



Completeness



Accuracy



Timeliness



Usefulness

Is your MAINTENANCE TRAINING PROGRAM EFFICIENT?

With new software comes the need for training. [Ask yourself these questions:](#)



Is work being done incorrectly because the department lacks the necessary skills?

Is there work that's being put off because the department lacks the necessary skills?



Are technicians hesitant to make the switch to advanced maintenance management?

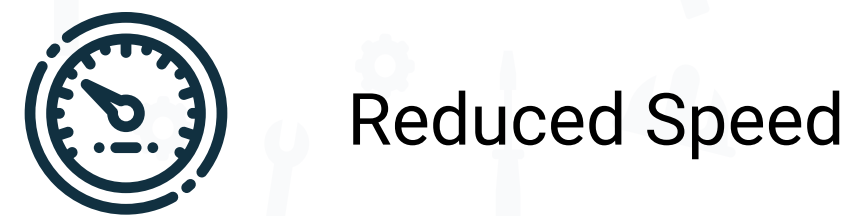
Are your TPM/OEE METHODOLOGIES EFFICIENT?

You need to look at :

⚙️ Availability



⚙️ Performance



⚙️ Quality



Are your TPM/OEE METHODOLOGIES EFFICIENT?

$$\text{OEE} = \text{Availability}(\%) \times \text{Reliability}(\%) \times \text{Quality}(\%)$$



With OEE exceeding **85%**

=



Availability **90%+**

X



Performance **95%+**

X



Quality **99.9%+**

When OEE is low, it means equipment is underperforming. It's also important to understand the upper limit of OEE to ensure that an organization is maximizing return on assets (ROA).

Is your TOTAL COST MANAGEMENT SYSTEM EFFICIENT?

You need the following data to effectively implement a preventive maintenance plan:



MTBF
(mean time between failure)



MTTR
(mean time to repair)



Initial cost
(of equipment)



Downtime
(or lost production costs per hour)



Replacement costs
(for equipment)



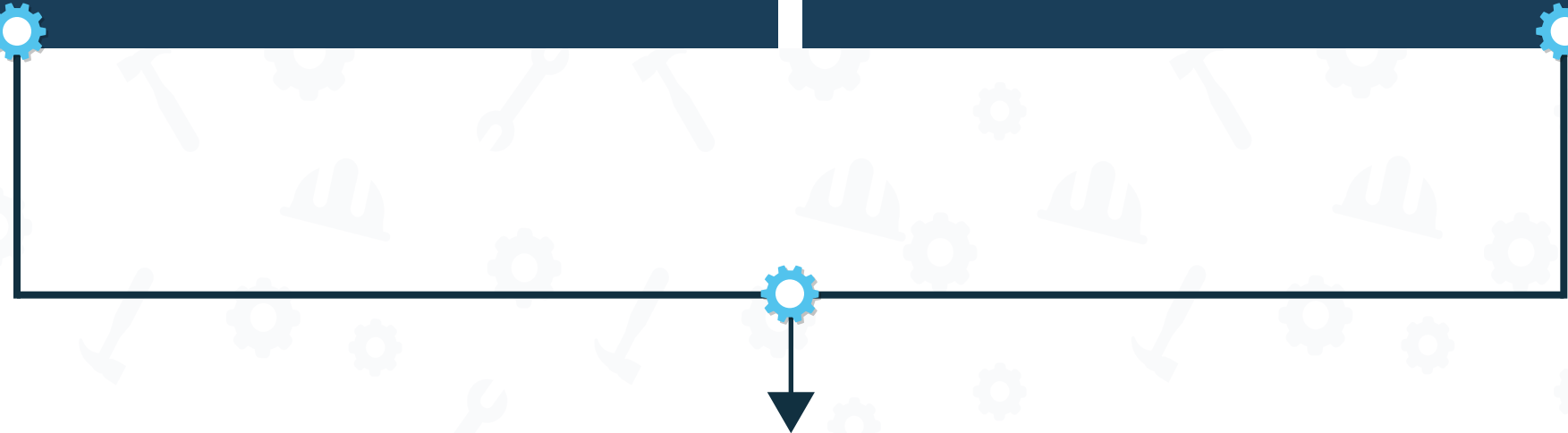
WHAT DO I DO NEXT?



I don't use any PM



I use manual methods for PM



Find out if automating preventive maintenance will help your organization manage maintenance better.

ROI Calculator

Calculate your annual savings (if any) with CMMS software.

Or

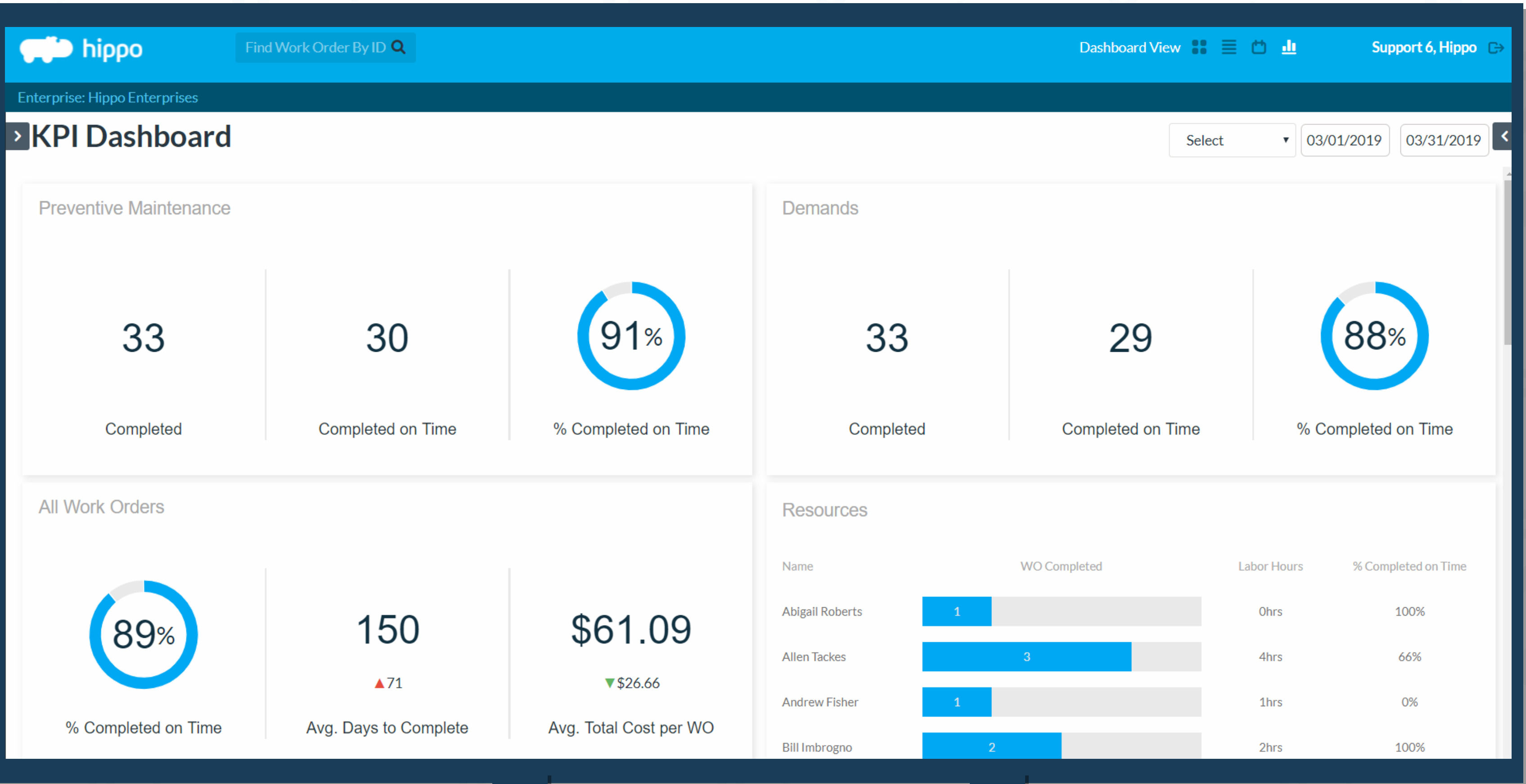
Contact Us

Talk to a solutions expert about any questions or concerns you might have.

I already use **PREVENTIVE MAINTENANCE SOFTWARE**

Use our maintenance process flow to find out how effective your preventive maintenance plan really is. Try finding answers to the following :

- ⚙️ Why do breakdowns occur?
- ⚙️ Are maintenance staff fully trained?
- ⚙️ Was the groundwork done and proper system layed out?



Get started for Free