Aptean EAM

10 Ways to Increase Your Profitability with **a Best-in-Class CMMS/EAM Solution**

One of the most effective ways to drive profit in manufacturing is efficiency. Reducing maintenance and operational costs, and increasing equipment uptime. And Computerized Maintenance Management Software/ Enterprise Asset Management (CMMS/EAM) technology can take this to the next level.

By bringing a CMMS/EAM solution on board, your business can transform maintenance into a profit center, through maximizing asset performance. However, to optimize profitability, technology investment needs to be aligned with your strategic objectives.

❯ Do you need to improve your current maintenance processes and procedures to become more efficient and effective?

❯ Are you experiencing frequent equipment failures?

❯ Is your Maintenance Repair and Operations (MRO) spending out of hand?

❯ Are you experiencing too much unplanned equipment downtime?

The best-fit CMMS/EAM solution will solve your biggest issues and provide tremendous value, but there are hundreds of providers to choose from. How do you find the right one? And how do you get buy-in from your colleagues?

To support your decision, here are 10 ways that CMMS/EAM software can make your business more profitable. Plus, we'll share some key features to look out for in your chosen solution, to develop a strong business case for investment.

1. Reducing Equipment Downtime

IIf equipment goes down unexpectedly, it will hit your business twice – lost production revenue AND reputation damage. Preventive Maintenance (PM) is your first line of defense against unplanned downtime and failures.

PM is a profitable approach because it enables you to carry out inspection tasks and schedule repair work on certain equipment, while other assets remain operational. This minimizes equipment downtime and enables you to continue meeting customer demand. With regular, planned maintenance, your assets are also less prone to breaking down, which will reduce your repair costs.

For PM to work successfully, however, you need to manage each asset effectively – and this involves clear, consistent communication and seamless organization between maintenance and production. CMMS/EAM software is a powerful tool for engaging both parts of your business.

> "The primary goal of maintenance has always been to **minimize downtime**, and the primary goal of operations has been to **maximize utilization**."
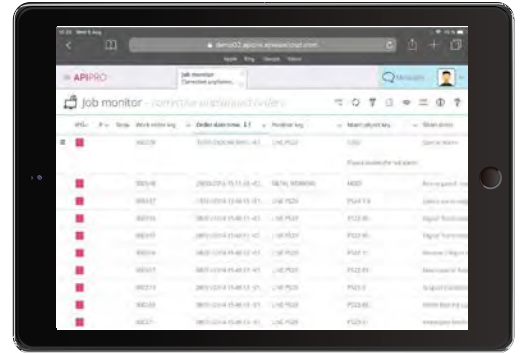>
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By embracing a single platform, you can easily plan, organize and manage all your PM work including building Master Plans, linking them to equipment, and scheduling PM Work Order (WO) generation. Plus, best-in-class CMMS/EAM solutions will provide a comprehensive audit trail of all scheduled work, to meet compliance requirements.

2. Streamlining Work Processes

Manufacturing involves constant movement – why should your maintenance program be any different?

To keep technical downtime to a minimum, you need to capture information on-the-go and put data directly into your people's hands. CMMS/EAM software will enable maintenance technicians to carry out critical tasks through their smartphone or tablet, for increased convenience and productivity.

Ideally, they should be able to view labor times, part issues, meter reading updates, electronic checklists and inspection points through mobile software. This will enable them to initiate, request and execute WOs in the field, minimizing non-productive time (NPT).

Look for software that makes it easy to capture data at the point of execution – attaching pictures or supporting documentation, for example. This will make it quicker and simpler to document tasks, and you can view their progress in real-time.

3. Improving Equipment Effectiveness

It's more profitable to maintain current machinery than purchase replacements, and CMMS/EAM technology will help you to manage Overall Equipment Effectiveness (OEE).

With CMMS/EAM software, you can monitor the availability, performance and output quality of every asset in real-time, feeding into PM programs and routine examinations. This helps you to maintain equipment quality, keep an accurate spare parts inventory, and develop critical spares strategies. OEE is also vital to production reliability and safety, particularly in highly regulated industries.

By taking a proactive approach to maintenance, your business runs efficiently while controlling coats, and avoiding prolonged outages and emergency part procurement. Improving your OEE means that your operations will be much more efficient and reliable, leading to increased outputs and a more profitable maintenance function.

Best-in-class CMMS/EAM solutions also provide valuable data insights – such as downtime reason codes or Root Cause Analysis (RCA). Plus, you can run analyses against business Key Performance Indicators (KPIs) and metrics, to make better decisions about when to repair or overhaul equipment – versus when it needs to be replaced.

"Companies that invest in asset management solution often reduce maintenance costs by **9.5%** and asset downtime by **14%** while increasing OEE by **8%.**"
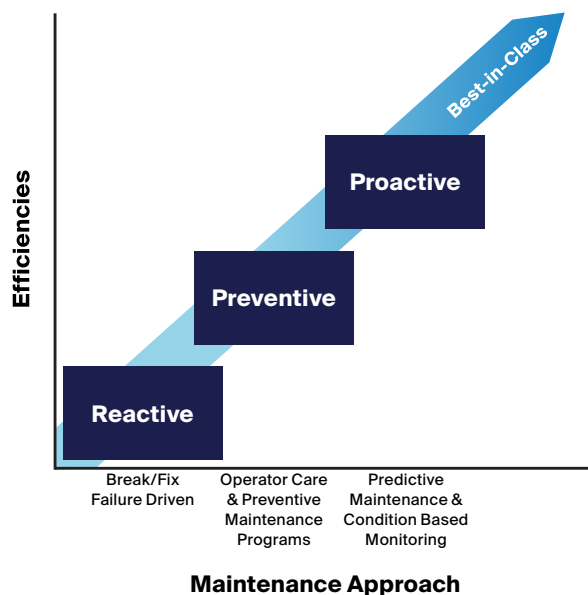
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4. Enhancing Maintenance Planning and Scheduling

Many manufacturers are still reactive when it comes to maintaining equipment, when a proactive schedule is more cost-effective. It's also proven to be safer and more efficient than break-fix maintenance, as it extends equipment life while reducing operations costs.

CMMS/EAM software will enable you to mutually review schedules and agreeing on the work to be done, improving collaboration between operations and maintenance, and making sure the right skills, parts, tools, instructions, permits and safety procedures are available.

To maximize profit-driving opportunities, look for a flexible CMMS/EAM solutions that can schedule by:

> Individuals and/or Crews

> Shifts

> Equipment

> Lines

> Buildings and/or Campuses

Efficiencies

Best-in-Class

Proactive

Preventive

Reactive

Break/Fix
Failure Driven | Operator Care
& Preventive
Maintenance
Programs | Predictive
Maintenance &
Condition Based
Monitoring

Maintenance Approach

5. Optimizing MRO Inventory Management

Inventory management is all about getting the right parts to the right place at the right time, to maximize asset performance – and CMMS/EAM software makes this much easier.

The right solution will optimize stocking levels and improve inventory service by:

❯ Allocating and reserving parts and materials for WOs

❯ Maintaining sufficient quantities of required items and through integrated work planning, scheduling and automatic re-ordering of items in blanket orders (reducing emergency orders in turn)

❯ Identifying and removing obsolete items by analyzing item usage

❯ Monitoring and accessing on-hand quantities through cycle counting, multiple warehouse and bin management

❯ Improving inventory accuracy and staff efficiency through wireless inventory transactions and bar code support

6. Ensuring Regulatory Compliance

Compliance is critical to safe manufacturing operations, but it shouldn't take up more of your time than is necessary. Best-in-class CMMS/EAM technology includes Event Tracking modules, which create a digital audit trail for regulatory compliance.

Moving away from paper-based logs to a CMMS/EAM system makes information easily accessible and reduces the risks of noncompliance penalties. You can track all types of events through a single platform, including accidents, emissions, inspections, corrective actions and Work Orders.

By storing all regulatory reports, internal reports and drawings in one place, you can easily demonstrate regulatory compliance and create a comprehensive audit trail of events and follow up actions. You can also generate reports, detailing all maintenance work on certain assets.

7. Eliminating Paperwork

There's a lot of maintenance data flowing through your organization – from simple hot/cold temperature adjustment requests, to highly sophisticated automated alerts of equipment issues. To run profitably, you need an easy way to manage and organize this information without sifting through piles of paperwork.

CMMS/EAM solutions eliminate the need for paper WOs. Employees have access to browser-based software, so they can submit maintenance requests from any location. These are immediately added to the work backlog for processing, and users are automatically notified when progress has been made.

Moving to an online system increases profitability, by reducing errors, saving time and improving data accuracy. Leading CMMS/EAM software includes in-built functions that make this process more user-friendly, like the ability to upload pictures or other supporting documentation.

From a maintenance perspective, digitizing requests means technicians can access their schedule through their computer or smartphone, checking part issues, user manuals, Lockout/Tagout (LOTO) procedures and detailed instructions online. And WO statuses are immediately available for further processing and analysis, providing complete, real-time visibility into maintenance progress.

8. Increasing Safety

We've touched on the advantage in high security industries, but it's worth stating that CMMS/EAM solutions can improve safety protocol for all manufacturers.

Investing in maintenance software formalizes equipment and safety procedures, to provide safe workplaces and protect employees. CMMS/EAM does this by helping to prevent equipment failures and support Process Safety Management (PSM) operations through:

❭ Written process safety information linked to areas, equipment and WOs

❭ Identifying hazards by linking Material Safety Data Sheets (MSDS) to areas, equipment and inventory items

❭ Safe Work Practices, such as:

» Job safety analysis

» Safe work instructions

» Personal Protective Equipment (PPE)

» Permit requirements, such as hot work, confined space entry, etc.

» LOTO procedures

❭ Mechanical Integrity supported by scheduling and documenting periodic inspections and testing of process equipment

❭ WOs supporting Management of Change (MoC) where PSM-related work must go through a specific series of user-defined stages

❭ Event Tracking – providing a complete audit trail for any type of incident with documentation, tracking and follow-up actions
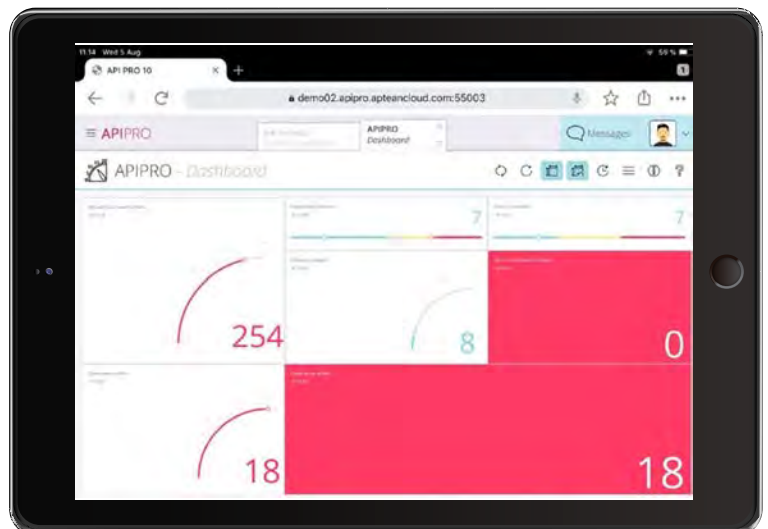
9. Gaining a Single View of Maintenance KPIs and Metrics

You may have heard before, "you can't improve what you don't control, and you can't control what you don't measure."

Best-in-class CMMS/EAM solutions include BI tools that provide instant insight into the KPIs and metrics that underpin your success.

Through powerful data management, predictive analytics and reporting, your team can improve maintenance organization and meet strategic goals.

And with mobile-friendly CMMS/EAM software, you put real-time data into people's hands at all business levels, for instant answers to critical business questions.

10. Reducing Overtime

Improving maintenance reduces costs by reducing downtime, but it also caps staff costs as well.

With safer, more efficient equipment in place, less time needs to be spent on overhauls and emergency repairs. This gets rid of your maintenance overtime bill.

More importantly, technicians can spend less time fighting problems and more time developing 'what-if' scenarios.

With the right CMMS/EAM software in place, they can set resource levels around planned work – and when demands change, those schedules can be updated in an instant.
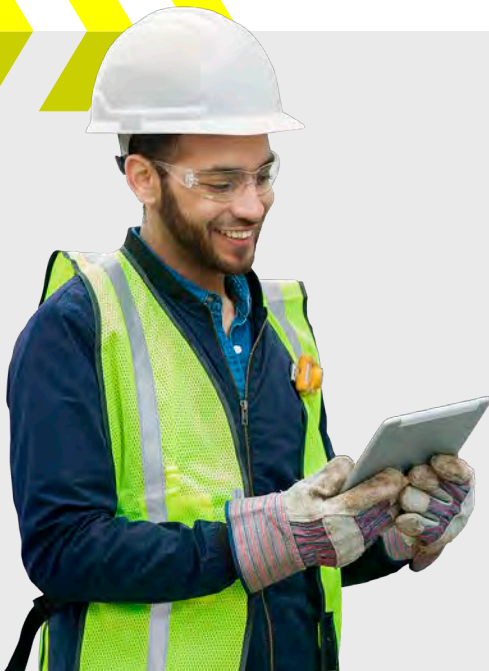
Best-in-Class Software from the Best-Fit Partner

Maintenance isn't the most exciting subject for a manufacturer, but it's fundamental to your performance. Improving the way that you control your equipment, schedule maintenance and manage spare parts will maximize assets and increase bottom-line profits. The key is finding the best technology to drive this program.

With any business investment, you want to maximize your return on investment (ROI), and choose the functionality and solution provider that best fits your needs. And this means finding not only a best-in-class CMMS/EAM solution, but the best-fit partner as well.

Before you invest in new software, make sure your chosen vendor can demonstrate a long and successful track record of providing maintenance and asset management solutions with supporting services. This way, you know their CMMS/EAM system will be efficient, reliable and easy to use.

Plus, ask them about their experience in manufacturing. The most successful partnerships grow from working with a provider who has deep knowledge and understanding of your industry. Working with a sector expert ensures their CMMS/EAM has the in-built regulatory requirements you need to run a profitable, compliant business.

Are you Ready to **Learn More?**

Interested to see how Aptean EAM can help you better manage your assets?

Contact us at **info@aptean.com** or visit **www.aptean.com**.

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