

GUIDE

How CMMS helps drive operational excellence

Gone are the days when your team could solely rely on paper-based maintenance solutions. In today's fast-paced business environment, an effective Computerized Maintenance Management Software (CMMS), such as eMaint's CMMS solution, is a vital tool to help ensure your success and drive operational excellence.

A CMMS solution provides a central storage location for the majority of data and information for your assets, manages and controls your work and materials management/parts usage processes, and tracks maintenance activity over the lifecycle of an asset.

What is the most common driver for implementing a CMMS solution?



Ten ways a CMMS helps drive operational excellence

1. Extend the life of assets

An effective CMMS solution can help organizations extend the life of assets, and make data-driven repair vs. replace decisions. CMMS allows you to track warranty information, and view all work history and charges related to assets. You can store and display assets in a hierarchical structure, and define asset criticality. With these tools, you can make the most of your time during maintenance or unscheduled equipment breakdowns. In seconds, your system can tell you which of your assets are next up to receive maintenance, so you can bundle PMs together to save time and money.

2. Prevent breakdowns

With the Preventive Maintenance (PM) and Predictive Maintenance (PdM) tools within a CMMS solution, organizations can avoid disaster, large or small. Scheduling PMs at the task and/ or procedural level is seamless. You also have the ability to establish calendar and/or meter-based PMs for every one of your assets. Using PdM tools within CMMS, maintenance can automatically be scheduled as needed, based on analysis of asset condition data that allows you to monitor noise, vibration, temperature, lubricants, wear, corrosion, pressure and flow independently.

3. Reduce maintenance costs

With all of the maintenance planning, scheduling and tracking tools that CMMS has to offer, seeing an overall reduction in maintenance costs is inevitable. Here are just some of the ways that implementing a CMMS solution will help your organization save time and costs:

- Reduce data entry through real-time mobile maintenance
- Maximize labor resources through better planning and scheduling
- Reduce time spent assembling reports through a real-time report builder
- Reduce time spent performing unnecessary maintenance by tracking PMs
- More effectively coordinate part and equipment availability
- Reduce expedited shipping costs through better coordination of part availability
- Reduce cost of lost production
- Reduce the amount of time technicians stay idle
- Extend asset life by tracking preventive maintenance
- Improve return on assets by gaining insight into repair vs. replace decisions

4. Track defect elimination

A CMMS solution can help you do it right the first time. The goal for defect elimination, as applied to assets or equipment is zero. Through the power of CMMS, this can be achieved by eliminating these 5 defects:

- 1. Basic Defects
- 2. Operational Defects
- 3. Maintenance Defects
- 4. Design Defects
- 5. Defects by Mistake-Proofing



5. Improve customer satisfaction

A CMMS solution can help you improve communication with your customers through automated alerts when their requests are approved, rejected and completed, or route requests to designated individuals for approval. By using a CMMS solution, you can schedule customized emails and surveys to send to customers, and gain meaningful insight into how you're serving them.

6. Increase work completion

Scheduling work can be challenging without an automated system. Scheduling tools within CMMS can help you capture labor, parts and material costs, and assign work orders to projects and view history. By recording and tracking all PM and non-PM work orders, and assigning employees and job procedures to work orders, you will see your organization's work completion rates skyrocket.

7. Increase visibility and transparency

Using a CMMS solution can help you to increase visibility within your organization by monitoring equipment performance, work order completion rates, type of work being performed, and any other key metrics. With CMMS, your organization will have the ability to spot trends on key performance measurements, and track and report on component failures and number of occurrences.

8. Meet regulatory standards

Say goodbye to the scrambling associated with when compliance auditors show up for regulations such as FDA, ISO, SHA or GMP. Your organization can improve regulatory compliance by using CMMS to do the following:

- Track work order history
- Document procedures
- Attach documents to records
- Track inventory and spare parts
- Track labor and hours spent
- Auto-generate PMs
- Generate reports and dashboards
- Track work requests
- Automate email alerts
- Track calibration

9. Increase worker accountability

Gain a better understanding of your technician's day-to-day activities using a CMMS solution. You will experience increased accountability by tracking internal worker productivity and material usage on dashboards and detailed reports. You will also be able to gain visibility of work completion rates by independent contractors, and turn your data into meaningful insights about your organization's productivity, accountability and partnerships.

10. Save the environtment and your cash by going paperless

Go paperless and "green" by implementing a mobile CMMS solution. This will allow you to free your technicians from a desktop computer, and extend your CMMS throughout your facility and on the road.

In addition to increasing overall efficiency, a mobile CMMS solution can help your organization:

- 1. Streamline processes
- 2. Increase worker productivity
- 3. Sustain a paperless environment
- 4. Improve communication
- 5. Improve visibility and transparency

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