Idhammar

Idhammar MMS – The Business Case

ABSTRACT

Since the earliest solutions were introduced in the 1980s, the core function of Computerised Maintenance Management Systems (CMMS) has been to automate a balanced schedule of *preventative and corrective maintenance.* This approach helps to *maximise equipment uptime, keep assets in peak operating condition, and improve productivity*.

A CMMS is a computerised system designed to *reduce* management overheads, *streamline* standardised work processes, capture and *manage data* accurately, improve the quality and timeliness of reporting, and enhance information sharing and communication.

This paper explores the real benefits a CMMS can bring to an organisation and summarises a range of considerations prior to choosing and implementing a CMMS for your maintenance operation.

CONTENTS

Also available for download from www.idhammarsystems.com/resource:

Idhammar MMS
Designed for Maintenance Engineers, by Maintenance Engineers

Idhammar REPORTS
Browser based, real-time reporting

Idhammar Cloud
Flexible delivery, system architecture & licensing options

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Business Case

The outline business case

When creating the case for deploying a CMMS there are many asset management improvement opportunities that need to be quantified by the business.

The core functions of a CMMS enable Engineers to **automate a balanced schedule of preventive and corrective maintenance** in order to:

Increase productivity	Improve energy efficiency
Minimise disruptive stoppages	Keep assets in peak condition
Optimise inventory	Makes compliance easily traceable for audits

Idhammar Maintenance Management System (MMS) also provides many day-to-day management benefits, including:

Accurate data capture & management	Reduced administration overheads
Clear audit trail	Enhanced information sharing & communication
Improved timeliness and accuracy of reporting	Standardised work processes
Health & Safety protection	Cost control

Customers typically achieve **ROI within six to tweleve months** plus a **5-20% reduction** in maintenance costs and a 20-30% reduction in inventory valuation. If the maintenance operation is predominantly reactive, an even greater return can be expected. **Cloud-hosted CMMS solutions** deliver additional operational savings by reducing reliance on often overloaded IT support and speeding up response to IT related issues.

If the business aspires to become **World Class** with a zero tolerance to downtime, the business case for a best of breed solution like Idhammar MMS is clear.

KEY BENEFITS OF A CMMS

1 Maximises asset performance by reducing downtime

2 Enhanced information sharing & communication - empowering maintenance staff & supporting continuous improvement cycle

3 Balanced schedule of preventative & corrective maintenance - reducing risk & improving compliance

To find out more about Idhammar's MMS software and complementary products:

8 Asset Management Benefits

> *A leading food manufacturer held maintenance spend constant over five years against a 20% rise in RPI*

Effectively Manage the Asset Lifecycle

Work history is vital for **traceability,** and is the key to **improving asset performance**. With ever increasing customer requirements, a CMMS can support client audits and demonstrate the effectiveness of the maintenance programme by providing easy access to:

Error logs & equipment breakdown trends	**Replacement part histories & supplier details**
Repairs information incl. drawings, photos, manuals & schematics	**Resource information, permits & licenses**

Solutions like Idhammar MMS also provide Maintenance Teams with the data needed to identify the optimum time to retire assets and **build a solid business case for investment** by highlighting trends caused by rogue equipment or service providers.

Easily Plan Preventive Maintenance

CMMS solutions help to **reduce** the need for **reactive maintenance** by triggering scheduled **Preventive Maintenance** (PM) work orders to address defects before they become a problem. Solutions like Idhammar MMS also activate PMs based on fixed and floating triggers, including time, meter, and event. Engineers can then **mitigate against unplanned breakdowns** through **condition-based maintenance**.

Ensure the Highest Standard of Work

Standardising work processes **improves quality**, **increases reliability** and **reduces cost variations**. A CMMS solution ensures all Maintenance Engineers at the same facility use the same procedures and adhere to agreed safety practices. Idhammar MMS is proven to assist in **Quality Audit compliance** by making records of work easily traceable – freeing up Engineers' valuable time.

> *A safety-critical government agency achieved its 24/7 zero downtime target on assets for over six years*

Enable a truly Mobile Engineering Team

For Maintenance Engineers that cover large sites, linking the CMMS to **iPhones, smart phones or tablets** will **improve productivity, accelerate purchase cycle time** and **reduce inventory values**. iPad and Android devices synchronise wirelessly with Idhammar MMS to provide real-time information and a means to check and allocate stock or initiate Work Orders. The system also allows for details of work completed and newly identified tasks to be added even when users are not within wireless range.

To find out more about Idhammar's MMS software and complementary products:

Eliminate Spare Parts Outages to improve MTTR

Real-time, online stock management using a CMMS means Engineers can keep one step ahead by *tracking parts*, *checking material availability* and *automating the ordering process*. A CMMS also provides *full traceability of stock transactions*, including:

Withdrawals, returns & reservations	**Balance adjustments**
Alternative suppliers	**Scrappings & relocations**

The Idhammar MMS stock control module identifies all materials either held in stock or identified as being part of a non-stock catalogue. A *barcode reader* will facilitate faster and more accurate data capture. Comprehensive reporting allows store managers to rationalise stock levels - *minimising the cost of your stock holding.*

Energy Efficiencies

With manufacturing responsible for consuming as much as 54% of the world's total delivered energy and energy prices soaring - *reducing waste in all its forms is vital for many businesses*. Keeping assets in peak operating condition and running efficiently as possible limits their energy consumption. Using a CMMS to improve manufacturing efficiencies *helps to control a business' impact on the environment*.

Effortlessly Analyse Maintenance Costs

CMMS solutions enable Maintenance Engineers to identify rogue equipment, measure and improve Mean Time between Failure (MTBF) and Mean Time To Repair (MTTR) by analysing detailed maintenance metrics including:

Time allocations	**Materials usage**
Downtime	**Stoppage frequency**

This data analysis can be used in benchmarking exercises against industry standards and team performance.

Enhance Communication & Reporting - cross Team & Facilities

CMMS solutions replace phone calls, notes and word of mouth requests with a standardised, efficient process for dealing with maintenance requests. Best of breed solutions also help to *prioritise work* which in turn supports Maintenance Engineers to focus on the job in hand.

Solutions such as Idhammar MMS provide alerts to *critical breakdowns* and provide insights into their cause. Reports can be communicated to individuals or notification groups via a range of devices. Having a collective bank of information captured in the CMMS enables sharing between teams and is unaffected by staff changes.

CMMS in the Cloud

Benefits of a CMMS in the Cloud

Today's CMMS can be deployed **on site** or as a **Cloud** solution that can be accessed via a browser over a secure internet connection. By using the Cloud a company immediately frees up space, capital investment, management time and manpower.

Choosing a Cloud solution means the business will benefit from **low, fixed upfront costs** and no bugetary suprises from software updates, as well as a number of other time and money saving benefits:

Immediate access to software updates	Support from CMMS supplier, not internal IT department
Scalability	Easy integration with other systems
Data security	Backup management

Benefits of a World-Class CMMS

Idhammar MMS enables manufacturing companies to adhere to a **World Class Manufacturing standard** with systemised Emergency Work Order processes designed to get production lines re-started as quickly as possible. The additional functionality provided as part of Idhammar WCM includes the Machine Ledger, Asset History summaries, TAGs, SMPs, Advanced Job Monitoring and a Reporting Suite that will benefit Maintenance Engineers in any industry.

Best-in-class CMMS solutions can support the business' **Total Productive Maintenance** and **World Class Manufacturing strategies** a step beyond Lean Maintenance providing time and money saving benefits:

Business insights & intelligence	Sophisticated notification & alarms
Dashboard reporting	Configurable forms
Workflow capabilities	Report management

To find out more about Idhammar's MMS software and complementary products:

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Why choose Idhammar for your CMMS

A major beverage manufacturer cut outstanding job requirements by 60% within two months, reducing lead times and overtime

CONCLUSION

CMMS software has evolved over many years, growing from a basic system detailing assets, work history and planned maintenance, to today's sophisticated management tool.

Developed beyond form-based systems, CMMS solutions now guide you through a work-flow process. CMMS will remain a vital tool for *increasing the efficiency of maintenance teams* of all sizes, helping them to turn from reactive to proactive asset management.

Dedicated implementation, training and support

With more than thirty years in *delivering high spec application* software to manufacturers and facilities managers, Idhammar understands the needs of maintenance professionals. Our *experienced implementers* provide assistance and guidance in the configuration of Idhammar MMS to equip stakeholders with business insights into operational issues and trends in a timely and informative manner.

Integration with WCM, OEE and MMS Software

Idhammar MMS integrates with a range of operational improvement systems enabling manufacturing teams to gain *greater control of downtime* and get production back on track as quickly as possible to *protect profit margins*.

Combined with Idhammar OEE, the solution ensures the fastest response to downtime, whilst integrating with Idhammar MMS or other high spec CMMS helps manufacturers achieve a *balanced schedule of preventative and corrective maintenance*. Idhammar's integrated WCM, OEE and MMS solutions are proven to maximise equipment uptime, keep assets in peak operating condition, and improve productivity.

An airport reduced overall maintenance costs by 15% in one year due to better investment decisions based on accurate asset data

WHY CHOOSE IDHAMMAR FOR YOUR CMMS

1
UK-based Help Desk offering application and user support & remote IT assistance - ensuring systems are installed with minimal disruption & maximum efficiency

2
Implementation programme delivered by specialists to ensure users are maximising the potential of our solutions - driving maximum benefit

3
"Best of breed" system that supports Engineering Directors' TPM Strategies and interfaces with a range of corporate systems including MES & SAP

To find out more about Idhammar's MMS Software and complementary products:

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