The outline business case

OEE Software Systems have evolved to deliver far more than a means to automate calculations and keep score. Today, the OEE Software System is a vital Manufacturing Management tool. Even businesses that have invested in ERP and MES systems have realized the importance of building capabilities deploying an integrated OEE application to transform lean management strategies and justify improvements.

Enabling powerful drill-down at group, site, line and asset level, OEE Software Solutions equip teams with the insights they need to achieve greater control of production.

On a day-to-day basis, real-time reporting against KPIs can alert manufacturing teams to issues and enable rapid response times to performance recovery. Meanwhile, trend analysis over time enables Continuous Improvement teams to quantify losses and prioritise improvement opportunities.

Typically, within six months an OEE Software System pays for itself but ROI can vary significantly depending on:

1. Fewer emergency downtime and optimised profitability – the case for an OEE Software System that integrates with a CMS and/or WCM system should also be considered.
2. Improved assets uptime
3. Accelerate response times to performance recovery
4. World Class Security
5. Fewer emergency downtime
6. Automated OEE

Key benefits of an OEE Software System

- Increased management capability with valuable reporting, analysis and decision making and control risk.
- A boost to profitability
- Greater visibility of production losses and waste are identified and reduced
- Greater control of downtime and optimised profitability – the case for an OEE Software System that integrates with a CMS and/or WCM system should also be considered.
- Real-time dashboards & business alerts
- Time saving - save time and money
- Operator engagement – gather information quickly to reduce factory efficiency
- To find out more about Idhammar’s OEE software and complementary products:

To find out more about Idhammar’s OEE software and complementary products:

+44 (0) 117 920 8900
info@idhammarsystems.com
www.idhammarsystems.com

Idhammar OEE – The Business Case

CONCLUSION

Idhammar’s OEE System software is specifically designed to help you apply OEE reporting and management tools as part of an improvement plan to transform lean manufacturing.

Idhammar OEE integrates with a range of operational improvement systems, enabling the manufacturing teams to gain greater control of downtime and production.

Idhammar OEE Software Systems have evolved to deliver far more than a means to automate calculations and keep score.

Adopting lean manufacturing and striving for operational excellence will help companies achieve sustainable advantages with OEE providing the complete data capture, analysis, reporting and management toolkit required to support a culture of creative and proactive problem-solving.

The paper outlines the business case for deploying an OEE software system to measure, analyse and improve operations.

ABSTRACT

Analysing and recovering even a one second production loss can add up to significant bottom-line savings in manufacturing, particularly in FMCG. This is why OEE software systems have evolved to deliver far more than a means to automate calculations and keep score.

To find out more about Idhammar’s OEE Software and complementary products:

info@idhammarsystems.com
www.idhammarsystems.com

WHITEPAPER | Idhammar OEE – Business Case

ABSTRACT

Analysing and recovering even a one second production loss can add up to significant bottom-line savings in manufacturing, particularly in FMCG. This is why OEE software systems have evolved to deliver far more than a means to automate calculations and keep score.

To find out more about Idhammar’s OEE Software and complementary products:

info@idhammarsystems.com
www.idhammarsystems.com

CONCLUSION

Idhammar’s OEE System software is specifically designed to help you apply OEE reporting and management tools as part of an improvement plan to transform lean manufacturing.

Idhammar OEE integrates with a range of operational improvement systems, enabling the manufacturing teams to gain greater control of downtime and production.

Idhammar OEE Software Systems have evolved to deliver far more than a means to automate calculations and keep score.

Adopting lean manufacturing and striving for operational excellence will help companies achieve sustainable advantages with OEE providing the complete data capture, analysis, reporting and management toolkit required to support a culture of creative and proactive problem-solving.

The paper outlines the business case for deploying an OEE software system to measure, analyse and improve operations.

ABSTRACT

Analysing and recovering even a one second production loss can add up to significant bottom-line savings in manufacturing, particularly in FMCG. This is why OEE software systems have evolved to deliver far more than a means to automate calculations and keep score.

To find out more about Idhammar’s OEE Software and complementary products:

info@idhammarsystems.com
www.idhammarsystems.com

CONCLUSION

Idhammar’s OEE System software is specifically designed to help you apply OEE reporting and management tools as part of an improvement plan to transform lean manufacturing.

Idhammar OEE integrates with a range of operational improvement systems, enabling the manufacturing teams to gain greater control of downtime and production.

Idhammar OEE Software Systems have evolved to deliver far more than a means to automate calculations and keep score.

Adopting lean manufacturing and striving for operational excellence will help companies achieve sustainable advantages with OEE providing the complete data capture, analysis, reporting and management toolkit required to support a culture of creative and proactive problem-solving.

The paper outlines the business case for deploying an OEE software system to measure, analyse and improve operations.
The outline business case
OEE Software Systems have evolved to deliver far more than a means to automate calculations and keep score. Today, the OEE Software System is a vital Manufacturing Management tool. Even businesses that have invested in ERP and MES already see the benefits of integrating OEE Software with business systems to optimise equipment uptime, improve productivity and control risk.

Why choose Idhammar OEE

Conclusions
Idhammar’s OEE System software is specifically designed to help you apply OEE reporting and management tools to your manufacturing processes. From individual workstations to multiple production lines or cells, and from standalone sites to multi-location manufacturing operations, Idhammar’s OEE Software System is ideally suited to your business needs.

The benefits of OEE
Strategic Benefits:
- Increased management capability with valuable industry and sector-specific best practices
- Continuous improvement
- Productivity improvement
- Lean manufacturing
- World Class Manufacturing
- Lean energy management
- Quality assurance

Efficiency Benefits:
- Increased asset uptime
- Increased system uptime
- Increased response times
- Energy consumption reduction
- Reduced manufacturing overheads

Cost Benefits:
- Reduced maintenance costs
- Fewer emergency breakdowns
- Improved response times
- Lower energy consumption
- Reduced material usage

Value Benefits:
- A boost to profitability
- Improved response times to performance recovery
- Accelerate response times to performance recovery
- Scaleable to business

Business Case
If the business aspires to World Class Manufacturing with a zero tolerance to downtime and optimised profitability – the case for an OEE Software System that integrates with a CMS and/or WCM should also be considered.

CONCLUSION
Idhammar’s OEE System software is specifically designed to help you apply OEE reporting and management tools to your manufacturing processes. From individual workstations to multiple production lines or cells, and from standalone sites to multi-location manufacturing operations, Idhammar’s OEE Software System is ideally suited to your business needs.

The benefits of OEE
Strategic Benefits:
- Increased management capability with valuable industry and sector-specific best practices
- Continuous improvement
- Productivity improvement
- Lean manufacturing
- World Class Manufacturing
- Lean energy management
- Quality assurance

Efficiency Benefits:
- Increased asset uptime
- Increased system uptime
- Increased response times
- Energy consumption reduction
- Reduced manufacturing overheads

Cost Benefits:
- Reduced maintenance costs
- Fewer emergency breakdowns
- Improved response times
- Lower energy consumption
- Reduced material usage

Value Benefits:
- A boost to profitability
- Improved response times to performance recovery
- Accelerate response times to performance recovery
- Scaleable to business

Business Case
If the business aspires to World Class Manufacturing with a zero tolerance to downtime and optimised profitability – the case for an OEE Software System that integrates with a CMS and/or WCM should also be considered.

KEY BENEFITS OF AN OEE SOFTWARE SYSTEM

1. Increased management capability with valuable industry and sector-specific best practices
2. Continuous improvement
3. Productivity improvement
4. Lean manufacturing
5. World Class Manufacturing
6. Lean energy management
7. Quality assurance

Why choose Idhammar OEE

ABSTRACT
Analysing and recovering even a one second production loss can add up to significant bottom line savings in manufacturing, particularly in FMCG. This is why OEE software systems have evolved to deliver far more than a means to automate calculations and keep score. Adopting lean manufacturing and striving for operational excellence will help companies achieve sustainable advantages with OEE providing the complete data capture, analysis, reporting and management toolkit required to support a culture of creative and proactive problem-solving.

This paper outlines the business case for implementing an OEE Software System to measure, analyse and improve operations.

WHY CHOOSE IDHAMMAR OEE FOR YOUR OEE SOFTWARE SYSTEM

1. Real-time production reporting makes every second count
2. Time saving data capture - save time and money
3. Operator engagement - gather information quickly tostellen factory efficiency

To find out more about Idhammar’s OEE software and complementary products:

Idhammar OEE – Business Case
The value of recovering lost opportunity with OEE Software Systems

Prior to deploying the OEE Software Solution, the manual process required to define the loss structure of a plant was a debilitating management overhead that steered valuable time and resources away from improvement activity. Yet without investing resources in this cumbersome OEE analysis, it was difficult to ensure that improvement efforts were spent on the most urgent or profitable activity. Idhammar OEE, particularly when combined with automatic data capture systems, has transformed Manufacturing Management by automating the analysis of a plant’s availability, performance, quality and batch traceability. Best-of-breed systems also provide essential business intelligence with ‘drill-down root cause’ analysis to facilitate the trace of the touch of a button through a trend report. Idhammar’s OEE software system helps pinpoint non-production opportunities to reduce overall manufacturing costs - such as supplier evaluation and better price energy futures.

From elemental APQ calculations to strategic Business Intelligence:

<table>
<thead>
<tr>
<th>Overall Efficiency</th>
<th>Major Loss</th>
<th>Example</th>
<th>OEE Report</th>
<th>Business Intelligence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unplanned Stops</td>
<td>Breakdown</td>
<td>Downtime as a % of Operating Time</td>
<td>Cost of Resources  as a % of Cash Value</td>
<td></td>
</tr>
<tr>
<td>Planned Stops</td>
<td>Changeover</td>
<td>Overall Overload of Shift</td>
<td>Shift comparisons of production based on performance and root causes</td>
<td></td>
</tr>
<tr>
<td>Minor Stops</td>
<td>Process disturbances</td>
<td>Downtime by events (showing breakdowns of minutes total)</td>
<td>Within a % analysis to quantify the value of time lost over a specified period and then methods</td>
<td></td>
</tr>
<tr>
<td>Performance</td>
<td>Slow Cycles</td>
<td>Reduced line speed</td>
<td>Increased Units Reportable but 10% rejected production</td>
<td>Quantity under-utilized inside and outside of cycle times, increase in cycle time and reduce non-value added time</td>
</tr>
<tr>
<td>Quality</td>
<td>Production defects</td>
<td>Real time unit defects measured</td>
<td>Monitor energy usage</td>
<td>Measure and reduce non-value added work</td>
</tr>
<tr>
<td>Quality</td>
<td>Start up defects</td>
<td>Scrap</td>
<td>Quality score</td>
<td>Batch traceability for Quality Audit</td>
</tr>
</tbody>
</table>

Benefits of OEE

Improvement agenda
Management tools such as the Idhammar OEE Improvement Agenda enable continuous improvement teams to be accountable for recovering lost opportunity. Each time a loss recovery action is identified, tasks are recorded as an improvement. A report is then generated to plan and monitor progress. Figures for the costs and savings of resolving the loss can be included along with target completion and review dates, so that progress is tracked and recorded accurately.

The case for automated data capture
Automatic data capture starts to become critical as the OEE score increases. When considering the business case for automation in data capture, many Production Managers also factor in the value of involving line Operators in the diagnosis of stoppage events. Best-in-class OEE software allows for a range of data acquisition methods and have the capability to combine real-time performance data feeds (from PLCs and SCADA systems) with supplementary data entered via touch-screens. Whether the business requires a fully or partially automated solution the key is to ensure the data captured is meaningful, visible, and used to drive continuous improvement.

Operational benefits of making OEE visible
The speed with which the business can recover losses is greatly improved by deploying an OEE Reporting Software that tailors relevant information to views from shop floor to boardroom. Detailed trend analysis is required by Continuous Improvement Managers in order to construct a loss management strategy. Operations, on the other hand need, an ‘at-a-glance’ view of shift progress. Displaying real-time, job-specific KPIs via touch screen dashboards engages shop-floor operators and encourages accountability in an unthreateningly improving teamwork.

Using Andon Displays to alert teams to problems on the line that may impact the shift’s schedule is a proven way to motivate teams and to get back on track. The ‘Andon’ method of signalling, works most effectively when used in conjunction with Business Alerts.

This visibility of data allows escalation of critical issues and accelerates engineering responses times to maintenance, manufacturing, and production issues. Sending alerts (request for help directly to a CMMS) also prevents critical issues being missed or misreported. The task then becomes part of the maintenance planning and operational improvement process.

The opportunity to integrate: overall production effectiveness
The compound measure of ‘profitability’ is now one of the most important KPIs for most manufacturers. Understanding the cost structure combined with the detailed analysis of efficiency losses of a manufacturing process can help teams identify innovative equipment, processes and product strategy that will improve Overall Production Effectiveness.

The evolution of asset, manufacturing, and energy management technology means that many businesses have all the data needed to identify opportunities to improve production effectiveness already at their fingertips – and world-class manufacturing software providers like Idhammar Systems deliver the integration required to transform this data into a highly-priced business asset.

Benefits of an OEE Software System in the Cloud

Today’s OEE Software System can be deployed on site or as a Cloud solution that can be accessed via a browser over a secure connection. A Cloud solution means the business will benefit from lower upfront costs and easily manageable Operational Expenditure savings, as well as a number of other time and money saving benefits:

- Scalability: the solution grows with the business
- Easy integration – with hosted and site-based applications
- Data security: data back-up management
- IT support and specialist knowledge

Idhammar’s team comprises CISM Qualified specialists who are specifically trained in managing hosted environments, ensuring the best possible support for:

- Software installations & configuration
- Updates & backups
- System deployment & implementation

Outsourcing these tasks to Idhammar Systems has been proven to reduce customers’ overall IT spend.
The value of recovering lost opportunity

Prior to deploying the OEE Software Solution, the manual process required to define the loss structure of a plant was a debilitating management overhead that steered valuable time and resources away from improvement activity. Yet without investing resources in this cumbersome OEE analysis, it was difficult to ensure that improvement efforts were spent on the most urgent or profitable activity.

Idhammar OEE, particularly when combined with automatic data capture systems, has transformed Manufacturing Management by automating the analysis of a plant’s Availability, Performance and Quality. The speed with which the business can recover losses is greatly improved by deploying an OEE Reporting Software that tailors relevant information to users – from shop floor to boardroom. Detailed trend analysis is required by Continuous Improvement teams to make individuals accountable for recovering lost opportunity. The task then becomes part of the Improvement agenda and have the capability to combine real-time performance data feeds (from PLCs and SCADA systems) with supplementary data entered via touch-screens. Whether the business requires a fully or partially automated solution the key is to ensure the data captured is meaningful, visible, and used to drive continuous improvement.

Benefits of OEE

Improvement agenda
Management tools such as the Idhammar OEE Improvement Agenda enable Continuous Improvement teams to focus on the most urgent and profitable opportunities for improving production effectiveness already at their fingertips – and world-class manufacturing software providers like Idhammar Systems deliver the integration required to transform this data into a highly-prized business asset.

The value of recovering lost opportunity with OEE Software Systems

To find out more about Idhammar’s OEE software and complementary products:

+353 (0) 1 606 4688
info@idhammarsystems.com
www.idhammarsystems.com

IT support and specialist knowledge
Idhammar’s team comprises CISM Qualified specialists who are specifically trained in managed hosted environments, ensuring the best possible support for your OEE Software System.

OEE in the Cloud

Benefits of an OEE Software System in the Cloud
Today’s OEE Software Systems can be deployed on site or as a Cloud solution that can be accessed via a browser over a secure internet connection. A Cloud solution means the business will benefit from low up-front costs and easily manageable Operational Expenditure savings, as well as a number of other time and money saving benefits.

Without Idhammar’s OEE software system, it was very difficult to monitor line activity and utilise scientific evidence to show exactly how much line is performing, rather than just being educated guesses.

Before using Idhammar’s OEE software system, it was very difficult to monitor line activity and utilise scientific evidence to show exactly how much line is performing, rather than just being educated guesses.

With Idhammar’s OEE software system, I am able to write reports, which will prove vital for future strategy and production choices.
**The value of recovering lost opportunity**

Prior to deploying the OEE Software Solution, the manual process required to define the loss structure of a plant was a debilitating management overhead that steered valuable time and resources away from improvement activity. Yet without investing resources in this cumbersome OEE analysis, it was difficult to ensure that improvement efforts were spent on the most urgent or profitable activity. Idhammar OEE, particularly when combined with automatic data capture systems, has transferred Manufacturing Management by automating the analysis of a plant’s Availability, Performance and Quality. Best-of-breed systems also provide essential business intelligence with ‘drill-down root cause’ analysis and the identification of the touch of a button the trend registries. Idhammar’s OEE software system helps pinpoint non-production opportunities to reduce overall manufacturing costs – such as supplier evaluation and better price energy futures.

From elemental APQ calculations to strategic Business Intelligence:

<table>
<thead>
<tr>
<th>Overall Efficiency</th>
<th>Major Loss</th>
<th>Example</th>
<th>OEE Report</th>
<th>Business Intelligence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unplanned Stoppages</td>
<td>Breakdown</td>
<td>Downstream as a % of Operating Time</td>
<td>Cost of breakdown as % of Cash Value</td>
<td>reasons for breakdown</td>
</tr>
<tr>
<td>Planned Stoppages</td>
<td>Changeover (productivity)</td>
<td>Overall labour usage time</td>
<td>Shift comparisons to benchmark based on performance and trend methods</td>
<td></td>
</tr>
<tr>
<td>Minor Stoppages</td>
<td>Process disturbances</td>
<td>Downstream by events (automated calculations based on stoppage in minutes)</td>
<td>What if analysis to quantify the value lost by stoppage over a specified lead time and trend methods</td>
<td></td>
</tr>
<tr>
<td>Performance</td>
<td>Slow Cycles</td>
<td>Reduced line speed</td>
<td>Increased units produced per cycle</td>
<td>Quantify understated increase in production capacity</td>
</tr>
<tr>
<td>Quality</td>
<td>Production rejects</td>
<td>Rejects</td>
<td>Real time feed of rejects and slow cycles in production</td>
<td>Monitor equipment health and in-service quality checks</td>
</tr>
<tr>
<td>Start Up rejects</td>
<td>Scrap</td>
<td>Scrap report</td>
<td>Quality score</td>
<td>Batch traceability for Quality audits</td>
</tr>
</tbody>
</table>

**Benefits of OEE**

**Improvement agenda**
Management tools such as the Idhammar OEE Improvement Agenda enable continuous improvement teams to effectively track and accountable for recovering lost opportunity. Each time a loss recovery action is identified, tasks are recorded as an improvement to plan, track, and monitor progress. Figures for the costs and savings of resolving the loss can be included along with target completion and review dates, so that progress is tracked and recorded accurately.

**The case for automated data capture**
Automatic data capture starts to become critical as the OEE score increases. When considering the business case for automatic data capture, many Production Managers also factor in the value of resolving line operators in the diagnosis of stoppage events.

Best-in-class OEE software allows for a range of data acquisition methods and have the capability to combine real-time performance data feeds (from PLCs and SCADA systems) with supplementary data entered via touch-screens. Whether the business requires a fully or partially automated solution the key is to ensure the data captured is meaningful, visible, and used to drive continuous improvement.

**Operational benefits of making OEE visible**
The speed with which the business can recover losses is greatly improved by deploying an OEE Reporting Software that takes relevant information to view from shop floor to boardroom. Detailed trend analysis is required by Continuous Improvement Managers in order to define a loss management strategy. Operation, on the other hand, need an ‘at-a-glance’ view of shift progress. Displaying real-time, job-specific KPIs via touch screen dashboards engages shop-floor operators and encourages accountability in an otherwise unstructured working environment.

Using Andon Displays to alert teams to problems on the line that may impact the shift’s schedule is a way to motivate teams and to get back on track. The ‘Andon’ method of signalling, works most effectively when used in conjunction with Business Alerts. This visibility of data also allows calculation of critical issues and accelerates engineering responses times to maintenance, manufacturing, and production issues. Sending calls / request for help directly to a CMMS also prevents escalation of critical issues. This visibility of data allows calculation of critical issues and accelerates engineering responses times to maintenance, manufacturing, and production issues. Sending calls / request for help directly to a CMMS also prevents escalation of critical issues. The task then becomes part of the maintenance planning and operational improvement process.

**The opportunity to integrate: overall production effectiveness**
The compounded measures of ‘profitability’ is now one of the most important KPI’s for most manufacturers. Understanding the cost structure combined with the detail analysis of efficiency losses of a manufacturing process can help teams identify **innovative equipment**, processes, and product strategy that will improve **Overall Production Effectiveness**. The evolution of asset, manufacturing, and energy management technology means that many businesses have all the data needed to identify opportunities to **improve production effectiveness** already at their fingertips – and world-class manufacturing systems like Idhammar Systems deliver the integration required to transform this data into a highly-prized business asset.

**OEE in the Cloud**

Idhammar’s team comprises CISM Qualified specialists who are specifically trained in managing hosted environments, ensuring the best possible support for: IT support and specialist knowledge

With leading providers offering a flexible range of data capture, display, and deployment options to tailor their solutions to your specific manufacturing environment – the business case for implementing an OEE System has never been clearer.

**Benefits of an OEE Software System in the Cloud**

- **Software updates & implementation**
- **Data security - Role Based Access Control**
- **Day-to-day system support**
- **System deployment & implementation**

**Today’s OEE Software Systems can be deployed on site or as a Cloud solution that can be accessed via a browser over a secure internet connection. A Cloud solution means the business will benefit from low upfront costs and easily manageable Operational Expenditure savings, as well as a number of other time and money saving benefits:**

<table>
<thead>
<tr>
<th>Benefits of an OEE Software System in the Cloud</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software updates &amp; implementation</td>
</tr>
<tr>
<td>Data security - Role Based Access Control</td>
</tr>
<tr>
<td>Day-to-day system support</td>
</tr>
<tr>
<td>System deployment &amp; implementation</td>
</tr>
</tbody>
</table>

Idhammar’s OEE software system is transforming their manufacturing systems: a Cloud solution means the business will benefit from low upfront costs and easily manageable Operational Expenditure savings, as well as a number of other time and money saving benefits.

**To find out more about Idhammar’s OEE software and complementary products:**

<table>
<thead>
<tr>
<th>Idhammar OEE</th>
<th>(03) 392 0150</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:info@idhammarsystems.com">info@idhammarsystems.com</a></td>
<td><a href="http://www.idhammarsystems.com">www.idhammarsystems.com</a></td>
</tr>
</tbody>
</table>
**Why choose Idhammar OEE**

Idhammar OEE’s System software is specifically designed to help you apply OEE reporting and management in a manufacturing operation to maximise equipment uptime, keep assets in peak operating condition, and transform loss management strategies.

## Strategic Benefits:
- **Improved availability management**
- **Continuous improvement**
- **Productivity improvement**
- **Lean manufacturing**
- **World Class Manufacturing**
- **Energy management**
- **Quality assurance**

## Cost Benefits:
- **Increased asset uptime**
- **Fewer emergency breakdowns**
- **Reduced response times**
- **Energy consumption Trend analysis**
- **Reduced management overheads**

## Management Benefits:
- **Analyse OEE data**
- **Improve consistency**
- **Accurate data capture**
- **Flexible, automated production reporting**
- **Real-time dashboards & business alerts**

## Cloud Benefits:
- **Free up in-house IT**
- **Scalable to business**
- **Security**
- **Compliance & regulations**
- **Easy integration**

## CONCLUSION
Idhammar’s OEE System software is specifically designed to help you apply OEE reporting and management in a manufacturing operation to maximise equipment uptime, keep assets in peak operating condition, and transform loss management strategies. It is why OEE software systems have evolved to deliver far more than a means to automate calculations and keep score.

Adopting lean manufacturing and striving for operational excellence will help companies achieve sustainable advantages with OEE providing the complete data capture, analysis, reporting and management toolkit required to support a culture of creative and proactive problem-solving.

This paper outlines the business case for implementing an OEE software system to measure, analyse and improve operations.

---

**KEY BENEFITS OF AN OEE SOFTWARE SYSTEM**

1. **Real-time production reporting and analysis**
2. **Trend and data capture – time and money saved**
3. **Operator engagement and feedback system**

---

**WHY CHOOSE IDHAMMAR FOR YOUR OEE SOFTWARE SYSTEM**

- **Increased availability management capacity** with valuable real-time performance data to inform decision making and control risk.
- **Greater stability of production losses and manufacturing operations**.

---

**Idhammar OEE – The Business Case**

---

**Business Case**

The outline business case

OEE Software Systems have evolved to deliver far more than a means to automate calculations and keep score. Today, the OEE Software System is a vital tool in Manufacturing Management. Even businesses that have invested in ERP and MES applications are now looking to build capability deploying an integrated OEE application to transform loss management strategies and justify improvements.

Enabling powerful drill-down at group, site, line and asset level, OEE Software Solutions equip teams with the insights they need to achieve greater control over production.

On a day-to-day basis, real-time reporting against KPIs can alert manufacturing teams to issues and enable a faster response times to performance recovery. Meanwhile, trend analysis over time enables Continuous Improvement teams to quantify losses and prioritise improvement opportunities.

Typically, within six months an OEE Software System pays for itself but ROI can accelerate response times to performance recovery.

To achieve a successful implementation and to optimise the success of an OEE Software Solution, organisations must focus on ensuring a commitment to using it as a fundamental, organisation-wide tool to drive continuous improvement in an effective manner.

Dedicated implementation, training and support

With more than thirty years experience delivering high spec application software to manufacturers and facilities managers, Idhammar understands the needs of maintenance professionals - from shopfloor to boardroom. Our experienced implementers provide assistance and guidance in the configuration of Idhammar OEE 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 OEE integrates with a range of operational improvement systems, enabling the monitoring teams to gain greater control of downtime and get production back on track as quickly as possible to protect profit margins. Combined with Idhammar MMS, the solution ensures the fastest response to downtime, whilst integrating Idhammar OEE or other high spec OEE 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.

CONCLUSION

Idhammar’s OEE System software is specifically designed to help you apply OEE reporting and management in a manufacturing operation to maximise equipment uptime, keep assets in peak operating condition, and transform loss management strategies. It is why OEE software systems have evolved to deliver far more than a means to automate calculations and keep score.

Adopting lean manufacturing and striving for operational excellence will help companies achieve sustainable advantages with OEE providing the complete data capture, analysis, reporting and management toolkit required to support a culture of creative and proactive problem-solving.

This paper outlines the business case for implementing an OEE software system to measure, analyse and improve operations.

---

**ABSTRACT**

Analysing and recovering even a one second production loss can add up to significant bottom line savings in manufacturing, particularly in FMCG. This is why OEE software systems have evolved to deliver far more than a means to automate calculations and keep score.

Adopting lean manufacturing and striving for operational excellence will help companies achieve sustainable advantages with OEE providing the complete data capture, analysis, reporting and management toolkit required to support a culture of creative and proactive problem-solving.

This paper outlines the business case for implementing an OEE software system to measure, analyse and improve operations.

---

**CONTENTS**

1. The outline business case
2. The value of recovering lost opportunity with OEE Software
3. Benefits of OEE
4. Benefits of an OEE software system in the Cloud
5. Dedicated implementation, training and support

---

**To find out more about Idhammar’s OEE software and complementary products:**

- **Real-time production reporting and analysis**
- **Trend and data capture – time and money saved**
- **Operator engagement and feedback system**