



Manufacturing Performance

Why EmsPT and Manufacturing Performance

Customers are constantly looking to their suppliers for a reduction in costs or extra capacity at peak trading times, which can only be achieved by:

- Removing waste from the process
- Realising efficiency gains
- Releasing hidden additional capacity

Your **Manufacturing Performance** can be affected by many things and knowing where to start, in order to make improvements, can be difficult.

EmsPT provides a range of services and solutions that enable you to **DRIVE** your **Continuous Improvement Programmes**.

There are many methodologies to **DRIVE** Manufacturing Performance including:

- Lean Manufacturing
- 6 Sigma
- Kaizen

All of which use information and data to analyse issues and make decisions. Collecting data can often be time consuming and subjective. EmsPT can provide you with the tools to collect and transform your data into information that can **DRIVE** your **Continuous Improvement Programmes**.

Manufacturing Performance can be measured using **OEE (Overall Equipment Effectiveness)** which has become the standard measure to improve manufacturing efficiency and capacity. The OEE measure enables you to improve downtime, speed of operation, change over's, quality losses and more.

Many Improvement Programmes fail as they are not supported and sponsored with the correct and continued resources. EmsPT's **DRIVE Programme** augments your own personnel's skills and time, from initial conception to ongoing continued support.

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DRIVE Programme

Our DRIVE Programme provides our customers with an extensive range of services and products enabling them to reach their manufacturing performance goals. The Programme engages with our initial visits and can stay involved until the customer is seeing beneficial value and making gains in manufacturing performance.

DRIVE = Discover | ROI | Implement | Value | Enable

Discover

Discover customer needs and issues

ROI

Develop an **ROI** with the customer

Implement

Implement the solution

Value

Locate the **Value** in the customer's process

Enable

Create an environment and information resources to **Enable** change and improvements.



Discover

On our initial visits to our customers it is essential we engage with them to discover the needs and issues of the business. Creating an environment for stimulation and discussion with engagement at different levels of the company - enabling the needs of the whole organisation to be discovered and considered. When the needs and issues are clear it is important to any company to be able to clearly see the ROI of any projects proposed.

ROI

We work with our customers to help provide ROI statements based on their needs, our experience and other customer successes. The ROI is generated through targeted workshops with the key stakeholders. The workshops create an environment for discussion, discovery and understanding of how your manufacturing performance issues can be addressed and targeted. The ROI phase enables us to fully understand your issues and goals and allows us to align our solutions with these needs.

This approach provides our customers with a clear understanding of our services, solutions and experience and significantly aids the project approval stages.

Implement

There are 5 steps to implementation. Excellence in people, technology, quality

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and support lies at the core of our services. From the discovery and ROI phases we ensure the solutions are designed to meet your requirements for Manufacturing Performance improvements

1. World Class Technology

EmsPT only partners with world-class vendors - the foundation for a successful business solution.

2. Solid Methodology

EmsPT offers a scalable approach to your business requirements delivering yield benefits at each phase of development.

3. Skilled People

Our skilled team of consultants has the right technical, process skills and experience to deliver the best solution for your business.

4. Quality

Quality is fundamental to all stages of our delivery - EmsPT works within recognised standards of ISO and GAMP.

5. Long Term Support

Benefits are not limited to just project delivery - EmsPT ensures continuous return through sustainable support capabilities.

Value

Once a system is installed it is important to us that our customers see beneficial use. Depending on your companies Continuous Improvement programs already deployed we are able to offer a range of service to help identify areas where additional value can be found in your processes.

Many companies are surrounded by data but our solutions enable this to be turned into information to create "Plant Visibility for Continuous Improvement".

Additional training is often requested to support activities such as:

- " Shop floor cultural change to support Continuous Improvement"
- " How to use data to identify waste in the process"

Our goal is to enable our customers to see and realise beneficial use by identifying waste and additional value adding opportunities in the manufacturing process.

Enable

Once the Waste and Value adding opportunities are identified companies will





need Methodologies to **DRIVE** improvements. EmsPT are able to facilitate the deployment of Information driven Kaizen methodologies to enable the improvements to be made. The use of information from our solutions supports the Kaizen process in identifying areas for Kaizen Events and once implemented provides the feedback for success. In our experience Kaizen activities which are driven from information that provides complete plant visibility enables a 2 fold increase in activities and results.

EmsPT are focused on delivering solutions and services that provides Plant Visibility for Continuous Improvement programs.

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