

Logica's manufacturing atlas:
evolving your operational performance



For a food manufacturer with ten factories worldwide, Logica introduced a central monitoring portal. This resulted in a 4% increase in production per factory. They could ward off the threat of under-capacity, doing away with the need to invest in a new factory.

LOGICA'S MANUFACTURING ATLAS: THE CASE FOR PROACTIVE AND BETTER PERFORMANCE CONTROL

Manufacturing - at the crossroads

Market circumstances may force your company to relook business strategy. You want to make and sell products quickly and smartly. Supply chains are getting more and more complex because of globalisation and outsourcing. Products have shorter life cycles, with increasing emphasis on innovation. At the same, you want to save costs too. You want to shorten the various links in your supply chain, make them more efficient.

Production has to go on without a hitch, quality uncompromised and workflows efficient. The question is how do you get more for less?

The answer may be found within the business itself. A lot depends on the data that is already available within your organisation. Often, you may have the data but not the right information. On the other hand, consider this. A thorough overview of your performance data and insight into the information it contains will

put you in a good position to understand the performance of your operations. You can put that information to practical use – to improve performance; or to step up or fix where required.

As a logistics and manufacturing company, there is a lot you gain - if you can play the 'game' well and can react to a continually changing playing field. Logica's manufacturing atlas creates the right playing field for you.



For a steel manufacturer, Logica implemented a tracking and tracing system. With improved planning, this system paid for itself within ten months. This was possible through increased productivity, a 6% reduction in waste, a 70% improvement in dispatch times. The percentage of misdirected pallets went down to zero between 2005 and 2008.



An investment that pays itself

The manufacturing atlas gives every department in your organisation access to validated production data. Our solution extracts information from data sources within your Manufacturing and Supply Chain domain and puts it in the hands of operational management, shop floor employees and the boardroom. They have a better chance of directing business and moving along confidently. Their decisions are backed by up-to-date facts and figures; not just monthly reports andguesstimates.

We make conditions visible for you. Help you achieve more with information that existed somewhere in your organisation but wasn't used before. By bringing up information that existed somewhere in your organisation but wasn't used before:

- From inventory, sourcing, shop-floor, all along the supply chain - you have the right information - to help you improvise, choose, anticipate, time your product releases.
- Changes in market conditions don't take you by surprise. You are ready to take them on and make decisions with a cool head. With our help, you extract and validate the right operational and financial data. More importantly, you can visualise role-based information to take decisions.

Transparent Manufacturing / Supply Chain

The manufacturing atlas guides you through all the links in the chain. It's easier

to see what's working and what's not. You can suggest improvements and coordinate workflows better – without losing production time or spilling capacities.

You can run your primary process with minimum disruption. You know exactly where costs are making a dent; where the inventory is; what production lines are available: which supplier has capacity; what your customers really want - now and in future.

Research (by the Aberdeen Group) shows that this approach helps make:

- 27% reduction in delivery times of your products/goods.
- 30% improvement in your overall equipment efficiency.

Personal dashboards

Based on your Key Performance Indicators (KPIs) the manufacturing atlas makes sure relevant management information reaches you through personal dashboards on a web portal or a mobile device.

The personal dashboards give you real-time data. Validated right at the source and clearly presented. When an intervention takes place, it's important that you know what came of it. The dashboards let you see the results immediately.

Many manufacturing companies have multiple information systems. Combining these silos of information, give you the

right steering information to detect the available, possible margin within your operational processes. You get new insights that help you perform better. As a consequence, your workforce is better informed and can make the right decisions, more competently.

Top management has a clear view of the KPIs. They are able to see with greater clarity how the supply chain would work. And can therefore make strategic changes to suit current and future needs.

You work with KPIs that help you integrate better with colleagues. You are able to make informed decisions at the most effective time.

Your organisation will change and begin to work differently as an organisation.

Key benefits

- **Reduce costs** - while you continue to meet market and customer demands
- **Be flexible** - control business and adapt to changes in the market better
- **Streamline and standardise** - improve logistical and production workflows
- **Maintain quality** - while keeping to legislative requirements and industry standards.

For a chemicals manufacturer, Logica implemented an operator dashboard. Current production settings were set against optimum production settings. The financial implications of below-par operation were now available to operators who could intervene immediately. They could take definite corrective steps, based on the previous experiences of co-workers.

OFFERING OUR BROAD EXPERIENCE IN THE MANUFACTURING INDUSTRY

Discover the benefits

Your requirements are unique to your organisation. With the manufacturing atlas, we've kept our approach flexible – so it suits a broad range of logistical and manufacturing companies and follows the required industry standards.

Besides, we offer you our broad experience in the manufacturing industry. Please contact us to find out which solution is best suited and tailor-made for your organisation.

Why Logica?

We know the manufacturing sector inside and out

And we understand IT too - along with the necessary industry standards - SCOR, ISA 95 and S88.

We have 30 years of experience in Manufacturing. 650 experts in Europe for manufacturing alone. Our consultants work across collaboratively across 36 countries.

We have a Centre of Excellence that's devoted to MES. Our yearly MES Product Survey helps decision-makers reduce

search and selection costs of suppliers and systems.

As industry consultants, we understand the logistical and production processes and are familiar with the market dynamics. Our ICT experts lead the field in system integration. You can rely on us for the latest dashboard technology. We will help you translate data into information, and use it practically in actual work situations.

An energy company invested €100,000 in real-time visualisation of a number of specific KPIs. They saved millions in operational costs within 6 months. The company is now able to see what they could previously only suspect. What started as a mere idea can now be validated and converted into tangible savings.

For a high-tech company, Logica rolled out a uniform manufacturing operations platform across eight factories in Asia and Europe. This significantly improved the throughput capacity and profitability. All the sites now have a uniform, real-time overview of the operational production process and logistics.



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Logica is a business and technology service company, employing 39,000 people. It provides business consulting, systems integration and outsourcing to clients around the world, including many of Europe's largest businesses. Logica creates value for clients by successfully integrating people, business and technology. It is committed to long term collaboration, applying insight to create innovative answers to clients' business needs. Logica is listed on both the London Stock Exchange and Euronext (Amsterdam) (LSE: LOG; Euronext: LOG). More information is available at www.logica.com

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