



# Three key aspects to increase productivity in industrial production

Improving industrial production has been a focus of engineers for a long time now. Philosophical revolutions like Lean production, Six Sigma and Theory of constraints have all helped giving productivity a push. By changing the way production managers and engineers view and value their production many companies has seen great results. Eton Systems wants to help industries take another step.

Productivity is a product from having operators and machines produce on a high, and constant, speed with few errors. Another aspect is to be able to quickly change focus from one product to another based on the customer demands.

First of all; speed. The faster you move products through your value-adding chain the more units you will be able to produce. With a faster throughput time you'll make more money – faster. It's that simple. How can we make sure that our operators can focus on adding value then? Well, we make sure that they never have to wait for material. Constant input of material landing right by an operator's hands is the best way to make sure that your people stay busy

and work in an ergonomically optimal way. No more bundles of materials being packed on the other side of your factory and transported by forklift.

The Eton System is an overhead conveyor system designed to make sure that materials will arrive at a workstation exactly when it's supposed to. Now you can take the next step from handling materials in bundles. Handling materials in bundles does not add value to the end product. It's all wasted. Let the Eton System do the lifting for you.

Secondly, we need to think about production errors. Before we get ahead of ourselves, we need to think about what an error means to us. Do we think about

errors in terms of products that are damaged or not properly assembled? Probably. But we suggest that you also consider errors like overproduction, delays, and errors like you simply produce a version of your product that the customer didn't order. All these should be included into your cost of quality. Cost of quality is an important key figure to manage when you're working on improving your production.

The third and final aspect we will discuss in this text is the ability to change focus from one end product to another. This can't be done without transparency and traceability – in real time. Most, if not all, industries produce more than one product. This could be minor variations of the same product or multiple completely different products. The ability to change focus in production lines becomes critical. To create the best possible version of your value-adding process you need to have traceability in real time. With the ability to track and trace every unit you will be able to make sure that you produce the correct number of every product ordered. In the long run you will dramatically decrease your cost of production since you never produce more than you need. And more importantly less than you need.

Traceability throughout your entire factory allows you to identify problems and bottlenecks in your production line. With the ability to faster identify where problem areas lay, you will be able to address these issues. Such bottlenecks and problem areas surface through the Eton Systems software. You will always have access to real time information for your production. With an Eton System, you can even re-direct material flow while you correct errors. This way you never lose too much production capacity.

### Three key aspects

- Production speed
- Minimize errors in production
- Traceability in processes

To sum up. Competitive advantage is reached by having the best quality, delivery time and lower price. With the Eton System you'll be able to reduce cost of quality. In part by moving from bundle handling of material to unit production. You will reduce and secure your time to delivery by maintaining complete control. The Eton System software gives you all the information you need. Finally, with a more efficient production you will be able to compete on price.

The Eton System is a versatile overhead conveyor system. Thanks to the modular based construction it can, and will, be uniquely designed to fit your needs. Add to that, our own software which can be integrated with other systems. Are you curious about more information about what an Eton System can do for your production?

**Reach out so we can set up a call!**



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