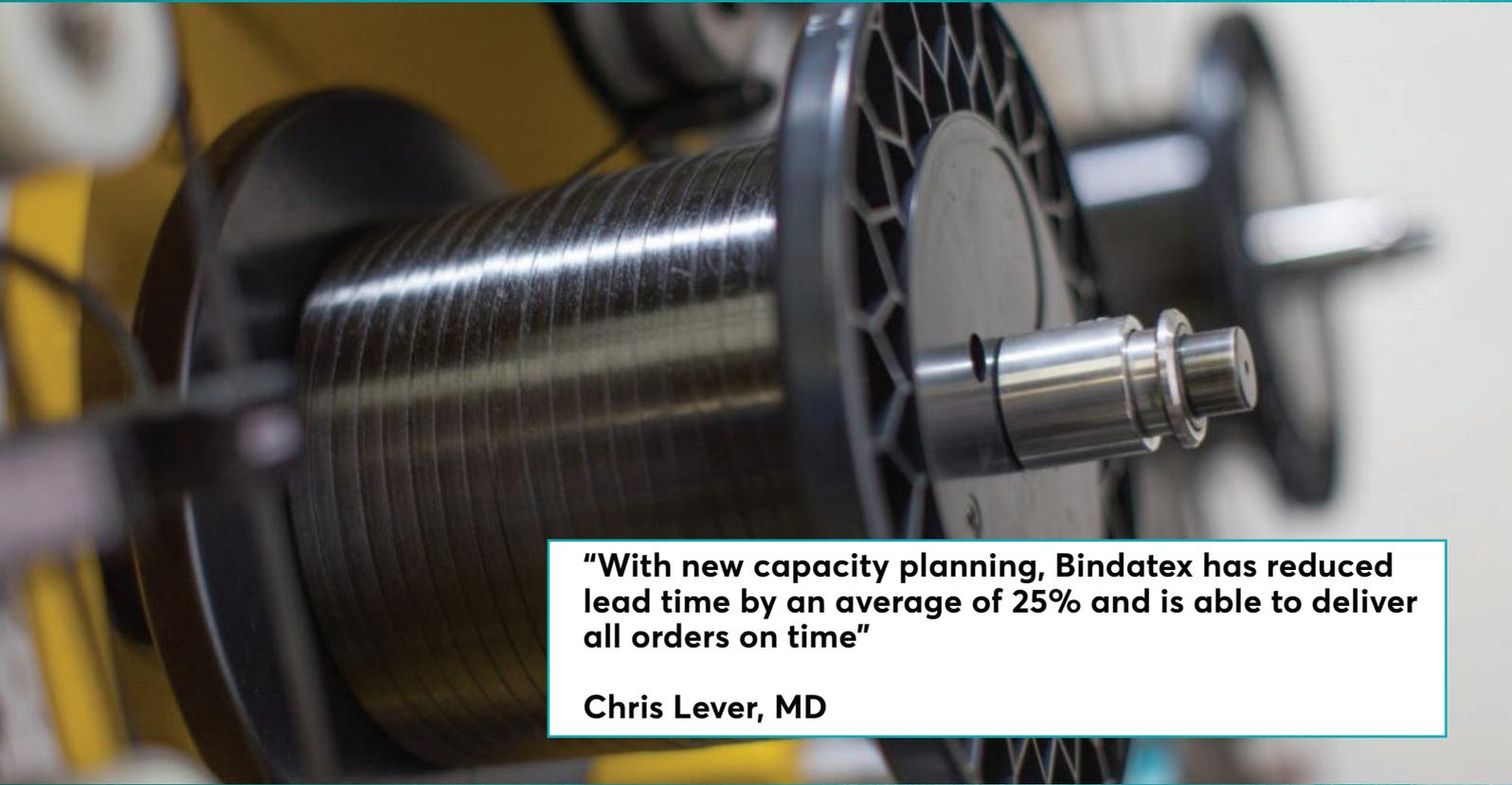




Case Study: Bindatex



"With new capacity planning, Bindatex has reduced lead time by an average of 25% and is able to deliver all orders on time"

Chris Lever, MD

KEY RESULTS

**20%
INCREASED
PRODUCTIVITY**

**25%
REDUCTION
IN LEAD TIMES**

**ALL
ORDERS
DELIVERED
ON TIME**

**Based on typical results*

The Business need

Opportunities to be part of the supply chain for major aerospace programmes for Boeing, Airbus and SpaceX were the drivers for Bindatex to resolve the issues it had with limited data visibility and control. Chris explained, "Our manual approach to capturing production data meant our planning wasn't efficient, and due to our success with growing the business we needed better data to help achieve our planned increases in capacity, sales, delivery times and customer satisfaction. We knew we had to change, so we turned to Made Smarter for guidance and the implementation of TotalControlPro®."

The solution provided

TotalControlPro® has enabled more efficient tracking of each order through its entire manufacturing process. When a sales order comes in it is given a unique identifier which is associated with a barcode on a batch and as the product moves through the manufacturing process operators scan it.

The system then provides productivity reports by product, batch, machine, and operator, giving the management team the ability to analyse the time orders are taking and make process improvements based on reliable real-time data.



Case Study: Bindatex

Who they are

A manufacturer of advanced materials, supported by Made Smarter, has taken a transformative step after adopting TotalControlPro® digital technology to capture, analyse and manage production data. Bindatex, based in Bolton, has developed a niche market supplying a precision slitting service into high-value manufacturing industries, such as aerospace.

The Impact and Results

Armed with data showing exactly how long it takes to make a product, Bindatex's production planning and scheduling capability was instantly transformed. When the new solution was applied to its critical narrow slitting line, Bindatex reduced unplanned stoppages and downtime. The whole cycle time was reduced from 4.5 hours to 3.5 - a productivity increase of almost 30%. By rolling the solution out across the entire factory, Bindatex estimates that it could increase overall productivity by 20%. With new capacity planning Bindatex has reduced lead time by an average of 25% and can deliver all orders on time. It estimates that greater efficiency in the energy used to power its factory and machines could reduce its carbon emissions by 20%.

"With oversight and control, backed up by data, we can do more with what we have got and respond quickly to opportunities," Chris said. "When coronavirus and lockdown began to impact, we were able to plan more effectively and sustain aerospace orders and respond to other market opportunities. We were able to pivot, manufacture and deliver very swiftly." Bindatex is now able to provide a high capacity, credible composite slitting capability to bolster an entire UK supply chain and create export opportunities with European customers. It estimates export sales to Europe will increase by up to 20% over the next two years. As well as aerospace, other potential growth areas include automotive, oil and gas, and consumer sectors.

The adoption of this TotalControlPro® Manufacturing Operations Platform is a vital step on Bindatex's digital journey towards an entire digital factory while ensuring high value manufacturing capability remains in the North West. The next step is a digitally controlled, inline automated slitting and spooling line which uses Artificial Intelligence to monitor quality. "Customers now see us as a progressive brand, dynamic and consultative, rather than a commission manufacturer," Chris said.



**MADE
SMARTER**

GET IN TOUCH



SCAN ME