



## INTEGRATED BUSINESS SOFTWARE

Microsoft Dynamics® 365 Business Central ERP from the Manufacturing experts. Modernise your business and gain the tools you need to get ahead of the competition.

MANAGE YOUR WHOLE COMPANY WITH INTEGRATED ERP  
MODERN TOOLS SUCH AS AI AND AUTOMATION  
INTEGRATED MRP AND WMS SUITE

# MANUFACTURING BUSINESS

## INDUSTRY REPORT

THE 2020'S HAVE BEEN "MAKE OR BREAK" FOR UK MANUFACTURING FIRMS. HAVING BEEN EXPERTS IN SMALL TO MEDIUM QUANTITIES, BUT IN PARTICULAR MORE SPECIALIST MANUFACTURING, IT IS VERY OFTEN INNOVATION THAT IS THE DIFFERENCE BETWEEN THRIVING OR NOT SURVIVING FOR BRITISH BUSINESSES.

However, despite this, the manufacturing industry has been slow to adopt new technology for a variety of reasons:

- Reliability of Internet
- Cost and risk of investment
- Heavily customised processes
- A lack of usable solutions

But things are beginning to change.



## A NEW ERA OF MANUFACTURING

Advances in internet connectivity, such as high-speed broadband and 5G, have addressed reliability issues, enabling seamless communication between systems and devices. This has allowed manufacturers to confidently adopt technologies like IoT and cloud computing.

Financial barriers have been mitigated by scalable solutions through SaaS making digital transformation more accessible. Additionally, modern tools such as modular ERP systems and AI-powered platforms support customization, enabling manufacturers to maintain

their unique processes while integrating new technologies.

User-friendly and practical solutions, designed with manufacturing needs in mind, have further eased the transition. Platforms like Microsoft Dynamics 365 and Industry 4.0 technologies offer specialized features, real-time analytics, and automation, simplifying operations and empowering teams. With these advancements, manufacturers have overcome their initial reluctance, embracing digital transformation to enhance productivity, resilience, and competitiveness.







# Integrated Business Software

Microsoft Dynamics 365 Business Central is an all-in-one business management solution tailored to meet the complex needs of manufacturing companies. Designed to streamline operations, it provides robust tools for production planning, inventory management, and supply chain optimization.

## Financial Management

Enhance financial management by unifying accounting, budgeting, cash flow, and reporting in one platform, providing real-time visibility and precision. With advanced analytics and seamless integration across business functions, it helps manufacturers maintain strong financial control, ensure compliance, and make informed decisions to support growth.



## Supply Chain Management

Streamline supply chain management by integrating procurement, inventory, demand forecasting, and vendor relationships into a single platform, providing real-time visibility and control. With intelligent insights and automation, manufacturers can optimize stock levels, improve order accuracy, and align supply chain decisions with overall business strategies to enhance efficiency and reduce risks.



## Project Management

Streamline project management by enabling real-time tracking of progress, budgets, and resource utilization, ensuring projects stay on schedule and within budget. With integrated tools for task scheduling, job costing, and resource planning, it enhances visibility and optimizes efficiency, allowing manufacturers to deliver complex projects with confidence.





As Microsoft's market leading ERP for SMB, Business Central enables manufacturers to deliver on time, reduce waste, and control costs. By centralizing data across departments, Business Central ensures seamless integration between production, sales, finance, and customer service, fostering real-time collaboration and decision-making.

With built-in capabilities for automation, AI and reporting, it empowers manufacturers to adapt to market changes and scale their operations efficiently.

## Operations Management

Improve operations management by combining production schedules, inventory management, and workflows into a unified platform, enabling greater efficiency and optimal resource use. By leveraging real-time data and automation, manufacturers can minimize downtime, resolve bottlenecks, and respond swiftly to changing demands, ensuring high performance and customer satisfaction.

## Service Management

Enhance service management by unifying service contracts, scheduling, and orders to ensure efficient and timely delivery. With real-time insights, analytics, and seamless communication, it enables businesses to optimize resources, improve customer satisfaction, and achieve long-term growth.

## Sales Management

Streamline sales management by unifying lead tracking, opportunity management, and customer data into a single platform, enabling faster deal closures and improved efficiency. With real-time insights, analytics, and integration across operations, it helps businesses enhance customer relationships, align sales with other functions, and drive revenue growth.



**Microsoft Dynamics 365  
Business Central**

# MANUFACTURING CAPABILITIES

Business Central has a wide range of capabilities for functions around the business. However, for UK manufacturers the shop floor and warehouse are not only the heart of the business, but often the areas with the highest level of complexity. Here we will look at some of the key areas of functionality that we are able to provide with your solution.



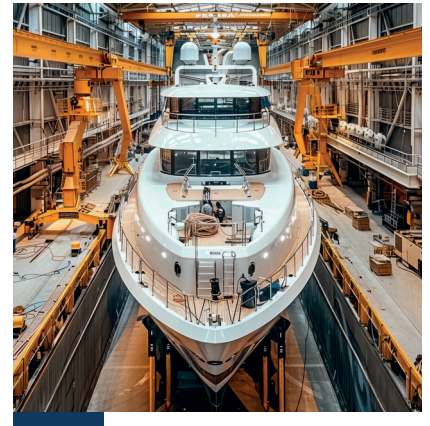
## DISCRETE MANUFACTURING

Discrete manufacturing focuses on producing distinct items like machinery, vehicles, or electronics, typically assembled from individual components.



## PROCESS MANUFACTURING

Producing goods through formulas or recipes, such as chemicals, food, or beverages, where products are created in bulk and cannot be disassembled.



## PROJECT MANUFACTURING

Project manufacturing involves producing unique, custom-made products or solutions and managed as individual projects with defined timelines and budgets.



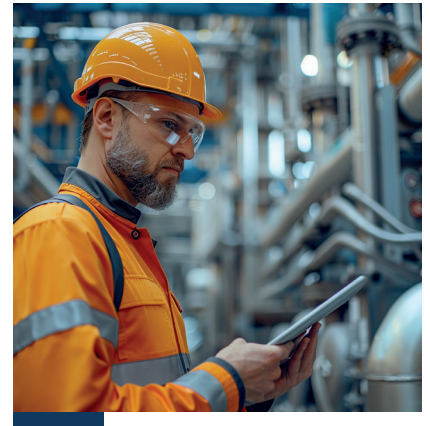
## BILL OF MATERIALS (BoM)

Create bills of materials and calculate their standard costs. Keep track of different versions and know which components were valid at a specific moment in time and for a specific production batch.



## ASSEMBLY MANAGEMENT

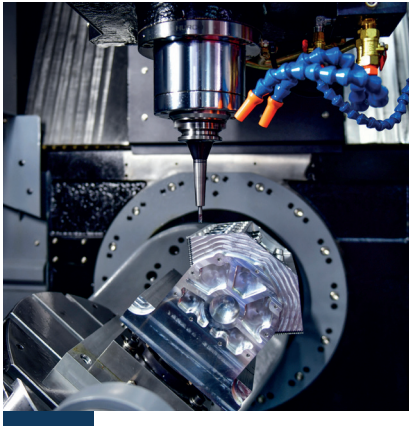
Specify a list of sellable items, raw materials, sub-assemblies, and resources as an assembly bill of materials that make up a finished item or a kit. Use assembly orders to replenish assembly items.



## PRODUCTION ORDERS

Create production orders and post consumption and output. Get visibility and tools to plan for demand from sales lines and to create supply orders.





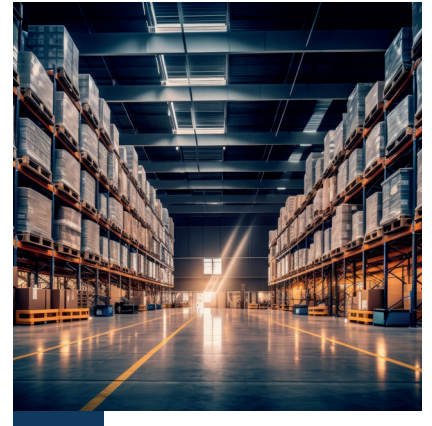
## MACHINE CENTERS

Use machine centers to store default information about manufacturing processes, such as setup, wait, and move times and default scrap percentages.



## CAPACITY PLANNING

Add capacities (work centers) to the manufacturing process. View loads and the task list for the capacities



## WAREHOUSE MANAGEMENT

Reduce operations costs with efficient warehouse operations that help you ship orders on time and deliver on promised customer outcomes.



## QUALITY MANAGEMENT

A consistent, efficient way to assess and record quality metrics in operations and drive process and quality improvements.



## GRAPHICAL SCHEDULING

Visualize, manage, and optimize your production schedules to stay in control of your production, make informed decisions, and maximize productivity



## BARCODE SCANNING

Real-time tracking and management of materials, inventory, and products, improving accuracy and efficiency across production and supply chain processes.

# DYNAMICS CONSULTANTS

Dynamics Consultants is a UK-based business consultancy specializing in delivering Microsoft Dynamics 365 Business Central solutions to help organizations achieve digital transformation. With expertise in ERP implementation, AI integration, and tailored business process optimization, they empower clients to enhance efficiency, drive growth, and adapt to evolving market demands.

- 1.** Specialists in Microsoft Dynamics 365 Business Central: Expertise in implementing and optimizing ERP systems to streamline business operations and drive efficiency.
- 2.** Tailored Solutions: Offers customized solutions designed to meet the unique needs of businesses across various industries, particularly manufacturing.
- 3.** Digital Transformation Leaders: Helps businesses modernize with cutting-edge technologies such as AI, automation, and cloud-based tools.
- 4.** Comprehensive Support Services: Provides end-to-end support, from initial consultation and implementation to ongoing training and system maintenance.
- 5.** Cyber Essentials accredited, with a wide range of systems in place to ensure that we and our customers are kept secure.
- 6.** Microsoft Certified as a Business Applications solutions partner, with a specialisation in Small and Midsize Business Management.



## UK Based Support Team

We record satisfaction and seek feedback for improvement

Easy to contact - a UK support desk, dedicated lines and support portal

High level of technical capability

Industry expertise

Excellent resources including training portal and FAQs

Optional upgrade subscription service

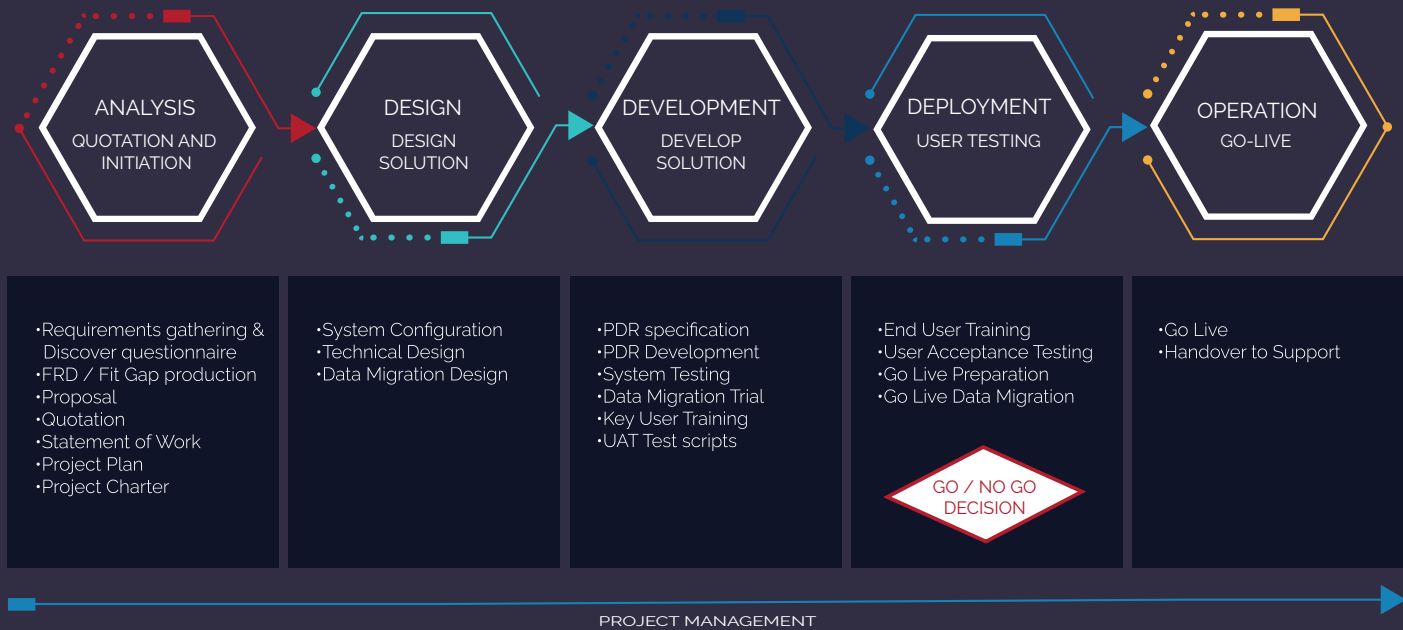
Highly secure



## PROVEN PROCESSES

Business Central is an ERP system designed to be flexible to the needs of individual companies and their requirements. This means that there is a level of analysis, design, and setup for a project like this.

At Dynamics Consultants we ensure successful implementation through having the best staff in the industry, as well as robust and proven processes, ensuring that you can have a custom ERP solution without any of the traditional custom ERP problems.



## Manufacturing and Warehousing Expertise

Dynamics Consultants specializes in delivering tailored Microsoft Dynamics 365 Business Central solutions for manufacturing and warehousing businesses. They optimize production processes, including capacity planning and BOM management, while enhancing warehousing with advanced inventory tracking and automation.

With a number of highly experience experts in operations management, we have provided years of expertise to a wide range of manufacturing and distribution companies.

# OUR PROJECTS

Dynamics Consultants has a long history of working with companies that have specialist requirements for their operations. From Manufacturing, to Warehousing, integration to e-Commerce and many more applications, we have a history of solutions that help businesses become market leaders.

## Art Systems

Art Systems are a long-time customer of Dynamics Consultants, providing the printing trade with a range of specialist printing products and services.

We worked with the team at Art Systems to create a modern e-Commerce store that is fully integrated with their Business Central ERP system. With this solution, Art Systems looked to provide better service to their customers and in turn increase sales.

*"Customer response has been very positive with the increased reliability of the ecommerce site we have seen increased usage of the site by customers and over a 15% increase in revenues for online orders that will see us processing over 10,000 orders online to the value of £4million by the end of 2023."*

**Marketing Manager**



## CONTRACT CANDLES

Contract Candles & Diffusers Ltd (part of the THF group) are an award-winning, British, family-owned business specialising in the manufacture of scented candles and diffusers. As is often the case for successful and growing businesses, Contract Candles had outgrown their existing systems, which were unconnected and often heavily reliant on manual spreadsheets.

Contract Candles and Dynamics Consultants partnered to implement a system that was fully integrated, modern and reliable. Through better reporting and a better understanding of their business, they are now providing better customer service and are able to build trust with suppliers and banks.

*"Working with Dynamics Consultants has been a gamechanger and we're delighted with the results, making this partnership a true success."*

**Software Manager**





## Colorlites

One of the challenges that a manufacturing and distribution company such as Colorlites faces is managing their inventory, production, sales and distribution processes efficiently and effectively. An ERP system is a software solution that integrates different functions of a business into a single system, allowing for better planning, coordination and control. Colorlites, who have a history of good quality products and service, were looking to invest in their future with an ERP system that would help their business operations.

Colorlites engaged with Dynamics Consultants to implement an ERP system, helping them to streamline their workflows, reduce errors and costs, improve customer service and satisfaction, and gain insights into their performance and opportunities.

*"The team at Dynamics Consultants were a joy to work with. Their knowledge of the system is of course exceptional, but their relatable experience is what really made the project run smoothly."*

**Managing Director**

A photograph of two construction workers, a man and a woman, wearing white hard hats and high-visibility yellow safety vests. They are standing in a large industrial facility, possibly a factory or warehouse, with various equipment and structures visible in the background. The woman is holding a tablet computer, and both workers are looking at it with interest. The image is overlaid with a semi-transparent dark blue filter.

# Contact Dynamics Consultants