

Netronic Manufacturing

Seamless Production, Infinite Possibilities: Cloud Manufacturing



Netronic Manufacturing



Netronic Manufacturing brings your products to life

Sustainable manufacturers must be adaptable, enterprising, and transparent to consistently create, manufacture, and deliver high-quality products to their customers. The challenge of our age is for manufacturers to maintain their competitive edge in a traceable and flexible operational environment with growing requirements on transparency, consistency, and quality.

Netronic Manufacturing is a state-of-the-art manufacturing solution built to help manufacturing SMEs globally to obtain such competitive advantage. With its integrated and role-based apps, Netronic Manufacturing will lead you on to delivering meaningful products that create value for your customers – from innovation to production and quality control.

Product Value Chain

Our Product Value Chain features a range of solutions that enables you to establish three, milestone-level values of manufacturing products: delivering ongoing innovation, seamless production flow and consistent quality in your products.

The individual players of the Netronic Manufacturing solution can manage your business activities from product preparation to actual manufacturing processes and quality control.





Innovation

Be confident

Build your product with confidence of a smooth production process



Production

Be reliable

Make reliable delivery time commitments based on powerful scheduling



Be in control

Produce your product with instant and clear shopfloor transparency and control



Quality

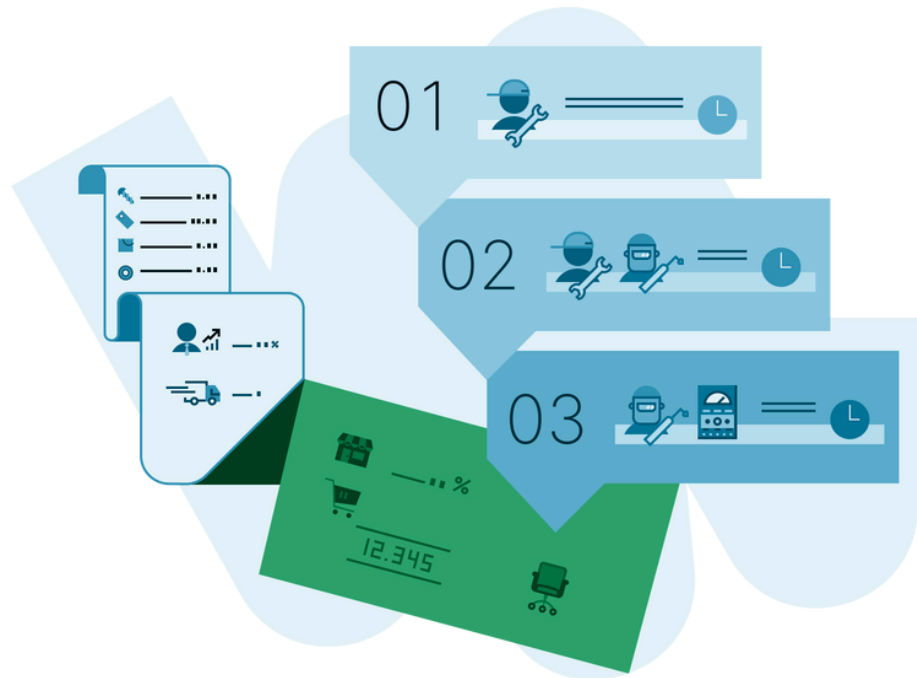
Be content

Inspect your products to ensure consistent high quality according to your standards

1

Product Innovation

Create value for your customers by building products according to your own vision!



What we offer

Build is our product development app in Netronic Manufacturing. With Build, you can innovate your product with the certainty of correct and quick configuration and production.

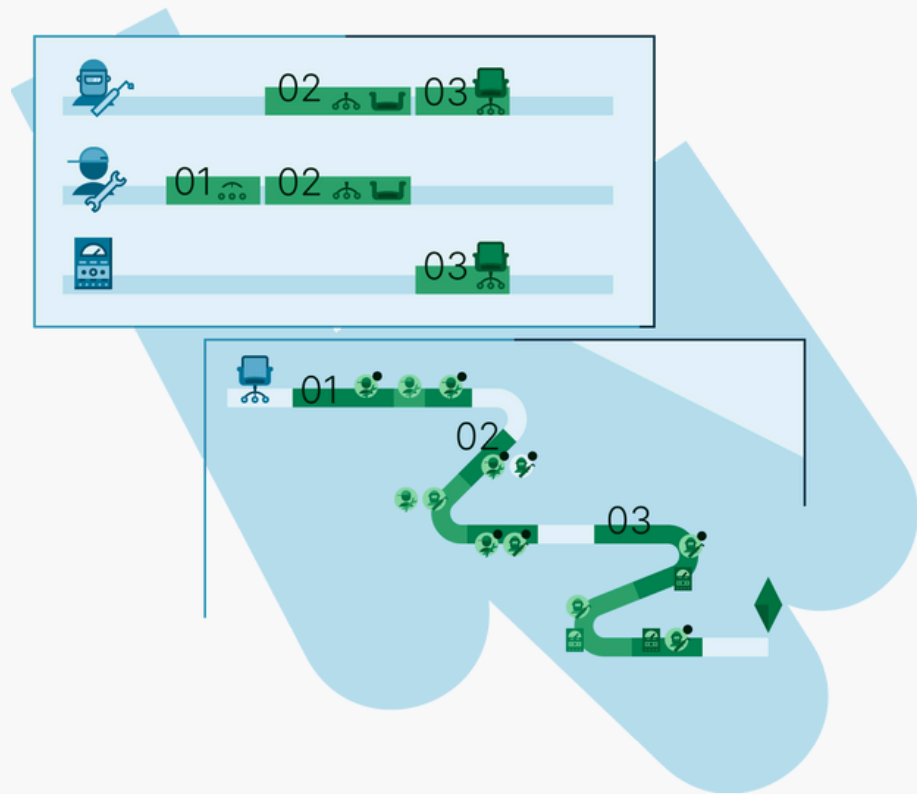
Adding products to an ERP is often seen as the greatest hurdle in the product development process; getting a product ready for production can be a complicated, manual task. Communication between departments is essential to ensure the right materials and production methods are used, but this process is often managed manually, leading to mistakes and lost production time.

Build helps the product development and production department to manage requirements and specifications for new and evolving products, plan and keep track of the progress of relevant development tasks and add finished products to the ERP.

With this initial player in Netronic Manufacturing, you can create and manage your production items – from the original request, through configuration of the product structure, determination of production costs and sales prices, up to the release of the final product.

2 Production

Manufacture your product in an integrated and stress-free working environment!



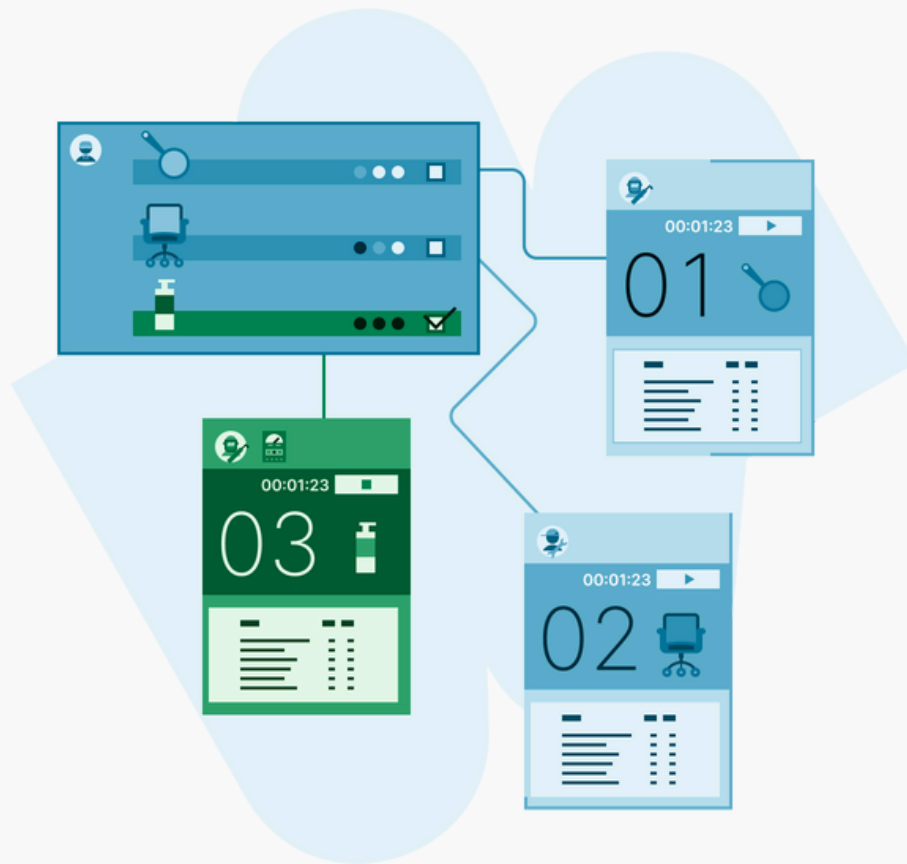
What we offer

To empower you with reliable delivery commitments and real-time shop floor transparency, we developed the Schedule and Produce apps. As part of Netronic Manufacturing, they help you plan, manage, and execute production orders—scheduling your entire supply chain from raw materials to the end customer. With real-time communication for shop floor managers and operators, you gain full control and boost productivity where it matters most.

Managing constant order prioritization, sequencing, machine scheduling, and resource allocation poses a daily challenge for production schedulers.

Efficient resource utilization, meeting delivery deadlines amid frequent changes, and sustaining visibility and control over production schedules is essential.

Furthermore, shop floor management is often not supported by ERP systems. The production backlog is communicated manually from planning to production. Changes to production orders or altered priorities must be communicated manually and adjusted in a time-consuming process.



Schedule is a powerful production scheduling solution that helps you to schedule complex jobs easily, gain visibility and improve your delivery time commitments while maximizing your throughput. It helps production schedulers to avoid surprises and streamline their operations.

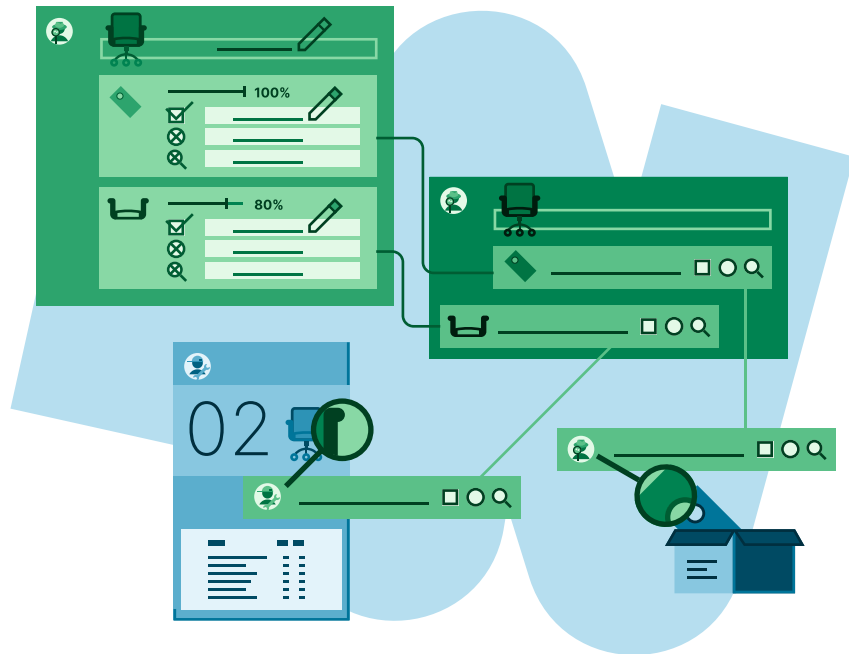
In addition, you can benefit from a comprehensive backlog management system called Produce, that helps shop floor managers to organize and prioritize production orders and support operators through paperless access in executing operations and collecting production data.

Produce helps you to organize production orders and track progress in real-time whether you are a player in discrete or process manufacturing or in an automated shopfloor manufacturing environment. It features an interactive planning board to visualize orders, operations, and resource allocations, a paperless provision of production orders for the shop floor, the view of production order information, and registers work done and material usage.

3

Product Quality

Gain customer trust by providing consistent quality in your products!



What we offer

Inspect is a quality inspection management app in Netronic Manufacturing. With Inspect, you can improve productivity and make better decisions in your quality department by automating inspection operations, optimizing data collection on the shop floor, and reacting to results in real time.

Quality control and inspection is often not supported by ERP systems. Inspection plans are managed outside, and inspection orders must be created manually and provided to the inspectors. Inspection results are recorded with a time delay, and the lack of transparency leads to setback in the entire value chain.

We offer you a lean Cloud Quality Control process that enables quality managers to plan, automate and delegate work, and assists inspectors in running tests and recording results. You can manage inspection plans and define quality targets to ensure the excellence you wish to deliver to your customers.

Explore Netronic Manufacturing and focus on what truly matters to you



Product Manager

- Integrate the product design process of production items into the ERP processes.
- Bring the users in the CAD and ERP system together and enable the collaborative work on product requests.
- Speed up the import of Bill of material from the construction and the configuration of production items.
- Keep an overview of the entire product structure.
- Determine product costs via direct and indirect costs, calculate sales prices and transfer them to the ERP price lists.
- Accelerate the entire product development process and get products to the production line faster and correctly.

Production Scheduler

- Ensure reliable delivery time schedules.
- Clear visibility into the production schedule and progress.
- Optimal use of resources and reduced downtime.
- Real-time data and insights for informed scheduling adjustments.
- Streamlined communication with other departments and stakeholders.
- Higher on-time delivery rates - efficient scheduling leading to more reliable delivery times.



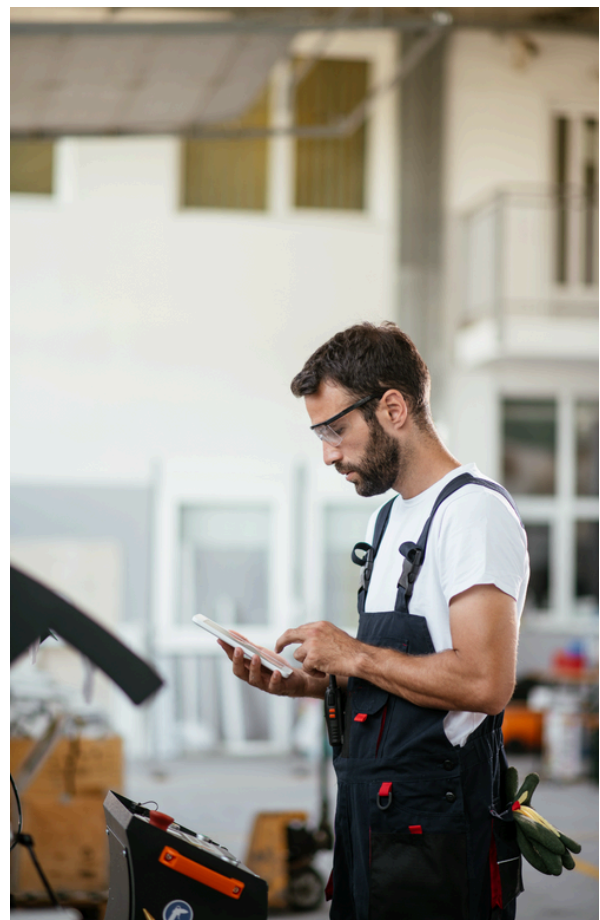


Shop Floor Manager

- Prioritize your production orders to control the sequence and visibility on the shop floor terminal.
- Remove paper and Excel sheets and reduce mistakes in data collection.
- Connect to your shop floor in real-time and increase your team involvement, transparency and efficiency.
- Get immediate insights into shop floor activities.
- Monitor production progresses, check time and material costs, and complete the production order.

Shop Floor Operator

- Select and execute production orders.
- Get fast access to production relevant information.
- Start and stop operations.
- Register work done and collect used time and material.



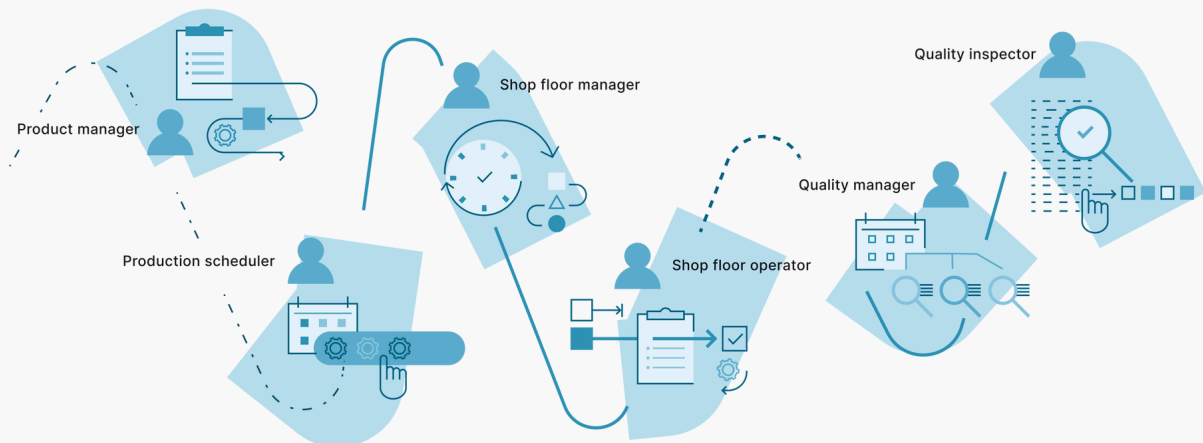
Quality Manager

- Plan and automate inspection operations.
- Manage QC inspection plans and define quality targets.
- Define test scenarios and quality objectives.
- Ensure and document tests.
- Manage and release inspection plans.
- Monitor inspection orders.
- Track progress and quality trends.



Quality Insector

- Execute inspection samples and tests
- Collect quality data



What our customers say

"Build and Produce has made us more efficient as a business."

"We wanted to improve and optimize workflows and increase usability for our employees, as well as establish and ensure a secure data connection, and I believe we found and achieved that with Boyum IT."

"Improved workflows and efficient way of working."

“We saved 30% of administration time per week.”

“Produce allowed us to reduce the amount of paper as now work orders can be created by shop floor employees.”

“We had a 30 to 40% increase in productivity in week one. The return on investment was within 1 or 2 months. As everybody trusts the software, I get less interruptions. This is actually giving me more time to focus on other things to take my business forward to the next level.”

Key Differentiator

User benefits

- Owning the business flow independent of the ERP.
- Intuitive user interface for the processing of the main tasks also with low industry experience.
- Automatic data sync with the ERP.
- Online help & knowledge base, plus e-Learning.

Performance benefits

- Faster provision of the service through effortless and hassle-free implementation and minimal support needs.
- Less complexity and a fast learning curve through easy-to-use functions and self-explanatory user interface.
- Increased work performance with out-of-the-box solutions for specific business roles for a fast and fluid way of working.

Customer business benefits

- No or small migration and maintenance effort.
- Does not affect the ERP core data and processes.
- Focus on value-added activities rather than managing large systems.
- Standalone solutions that evolves with the business.





Bring Your Products To Life

Boyum IT Solutions is an award-winning software house specialized in empowering SMEs to bring their products to life, creating sustainable and purposeful customer relationships. We care about realizing your vision of delivering meaningful experiences to your customers and are here to help you unlock your business's full potential. For over two decades, we have been committed to this mission, assisting customers in more than 130 countries. With unparalleled support from our trusted network of over 1100 partners, we combine global reach and local expertise to offer you the best solution for your business.

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