

# CEREXIO PRODUCTION ORDER MANAGEMENT SYSTEM

Cerexio Production Order Management System is a complete software solution that seamlessly integrates advanced Industry 4.0 capabilities into a cohesive manufacturing framework. This extensive platform manages transparent processing, covering sales and production order planning to execution and distribution.

Introducing this sophisticated technological masterpiece that ensures a smooth work scheme throughout each layer of the production order floor through the essence of modern digital unification.



# KEY HIGHLIGHTS

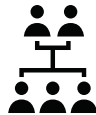
## Accelerating Sales Sequences through a Well-Sketched-Up Customer-Centric Approach

Our system brings Industry 4.0 digital strengths into one screen in order to enhance the overall workflow of production streaming through a well-planned step controller. Cerexio Production Order System provides a technological grid for a powerful and focused customer-centric production workflow in the manufacturing domain.



### AI-POWERED AUTOMATED WORKFLOWS

Utilising AI and ML, the Cerexio solution intelligently analyses historical data, anticipates demand patterns, and optimises production workflows, ensuring efficiency throughout the order lifecycle. This dynamically adjusts to the demands of a technologically advanced and responsive production environment, showcasing 100% adaptability and precision.



### COLLABORATIVE SALES NETWORK

Cerexio Production and Order Management System is empowered by Industry 4.0 digital capabilities such as IoT, AI, and Digital Twin to establish a collaborative environment for sales to flow smoothly throughout each step of the production network with future-proof planning.



### SMART UNIFICATION UNDER ONE SCREEN

Cerexio solution enhances the production floor's operational efficiency by providing a centralised grandstand for comprehensive oversight and management. It occurs under a singular platform powered by the unification of smart technologies, which leads to a cohesive and synchronised manufacturing workflow.



### BLOCKCHAIN TRACEABILITY

As the Cerexio Production Order Management System is dominated and safeguarded by Blockchain capabilities, it enhances the transparency and traceability of production orders, from top layer to bottom, providing a protected and perpetual record of each layer in the production process.



### IOT BACKED UP CENTRALISED PLATFORM

Cerexio Production Order Management System effortlessly merges orders, inventory, data, and procedures under the influence of IoT to centralise operations, offering manufacturers a unified solution for critical production aspects, maximising visibility and efficiency, which comes out as one consolidated platform.



### SUSTAINABILITY COMPLIANCE

Cerexio solution is pioneered by Industry 4.0, and its capability to keep the sustainability promise alive in the manufacturing domain, walking away from excess levels of energy consumption, heating challenges, and waste during production, guaranteeing maximum yield.

## The Customer-Centric Production Framework, Enhanced Visibility, and Magnified Collaboration-Cerexio Production Order Management System

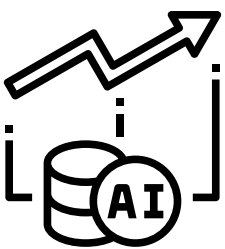
The Cerexio Production Order Management System acts as the linchpin for initiating and executing the entire production workflow, which gathers all the Industry 4.0 powers into the operational framework of manufacturing. With our luminous solution in place, the whole production schema is powered by cutting-edge AI visibility, secured by Blockchain, and streamed via Middleware and IoT until manufacturing perfection is moulded.

### Advanced Reporting and Analytics



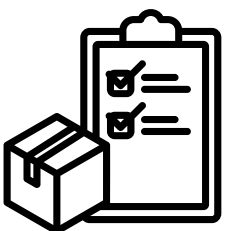
Cerexio Production Order Management System's integration with AI modules offers analytical data specifications such as payment terms, credit periods, and real-time budget tracking through progress bars, pie charts, visual representations, and standard XLSX reports.

### AI-driven Production Processing



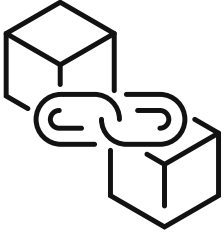
This seamlessly integrates with MES systems, and its inherent AI technology seamlessly supports every layer of the production, from planning, scheduling, material selection, and more, ensuring a smooth and harmonious manufacturing schema inside and out.

### Batch Control and Tracking



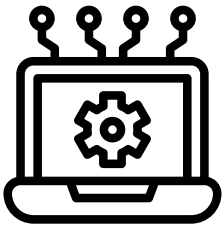
Cerexio solution is influenced by sensors, AI, and Digital Twin; batch-wise tracking and remote control of production are highly achievable under one dashboard view, which gives a thorough overview of abnormalities and prospective adjustments.

## Compatible with Blockchain Technology



Cerexio Production Order Management System is dominated by Blockchain technology, which offers transparency and traceability in production orders through a decentralised and secure digital ledger and establishes a tamper-proof record throughout the production process.

## End-to-end Integration



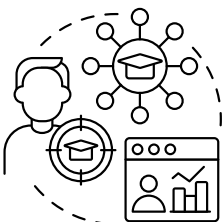
Cerexio solution is powered by an unbreakable chain of Industry 4.0 technologies that expresses high levels of integration with traditional and modern manufacturing co-systems, creating an interconnected and smart ecosystem that acts as an adaptive framework.

## GIS-Powered Inventory Visibility



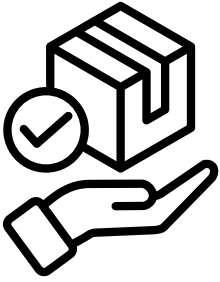
Our solution seamlessly couples with the power of GIS technology, which utilises geospatial data for real-time inventory mapping across various locations. Intelligent algorithms dynamically connect production orders with geographical coordinates, improving tracking precision.

## IoT-Powered Centralisation



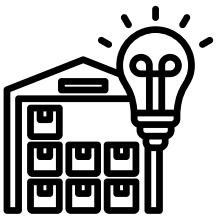
Cerexio Production Order Management System adopts a systematic mechanism that establishes process centralisation from the receipt of production orders, request configuration, allocation of resources, scheduling operations, and initiating manufacturing processes occurring under one dashboard.

## Robust Inventory Management



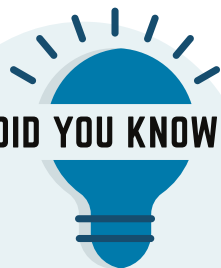
A fusion of advanced algorithms, real-time data feeds, and intricate analytics gathered to optimise inventory levels, mitigate stockouts, and curtail excess holdings through advanced techniques like ABC analysis, Just-In-Time principles, smart tracking mechanisms, RFID, and barcode technologies, etc.

## Smart Warehousing Capacity



Cerexio flawlessly couples with Industry 4.0-powered Smart Warehouse technology to gain access to live information on inventory levels, order status, and warehouse conditions via the employment of smart tools, facilitating synchronised production and storing frameworks.

**DID YOU KNOW?**

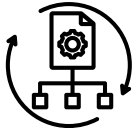


**DID YOU KNOW THAT THE CEREXIO PRODUCTION ORDER MANAGEMENT SYSTEM IS THE ULTIMATE SOLUTION TO MANAGE PO AND PR IN NOT ONLY ONE WAREHOUSE OR FACTORY IT AN UNLIMITED NUMBER OF LOCATIONS SITUATED AROUND THE GLOBE?**

# BENEFITS

## Optimise Your Production Framework with the Robust Grid of Technology 4.0

Gain a full-scale ascendancy over each layer of the manufacturing domain's production outline with the power offered by contemporary smart technologies presented by Cerexio. This is the best path to walk down to carry out a well-designed customer-focused production approach, optimising every aspect with 100% reliance. The following are some of this solution's ruling characteristics:



### **AUTOMATED WORKFLOW**

Simplify and expedite each aspect of the production outline with its ability to stream through a well-designed workflow automatically under the influence of Industry 4.0 technologies, from order request creation to distribution, under one view, expressing high visibility for stakeholders.



### **GUARANTEE PRODUCT QUALITY**

Manufacturers are armed to ensure the quality of the product they initiate through the power of this robust system, as high levels of visibility of materials, ingredients, chemicals, procedures, and resource allocation are practically achievable with Cerexio.



### **REPORTING AND ANALYTICS**

Combat the challenges encountered due to the lack of unification as one production network with Cerexio system's IoT and 5G power, and the stakeholders will never be short of information on ongoing processes, market trends, purchasing patterns, inventory data, etc.



### **GREENER PRODUCTION**

Our solution empowers manufacturers to look into their sustainability adherence and clears the boundaries to keep the environment-friendly promise, avoiding overheating, energy consumption, and waste issues from the top to the bottom layers of the production line.



### **MOBILE APP**

Cerexio solution is now highly compatible with Android and iOS platforms and provides remote accessibility to the relevant parties, which gathers every aspect that comes under production workflows such as request receipt, task assigning, monitoring, tracking, and distribution levels.



### **UNLIMITED NETWORKING**

Cerexio solution extends its technological arm towards the manufacturing domain with the capacity to unify each department with one focused production-centric approach under the influence of smart digital capabilities and smoothly couples with any sort of network.

# INDUSTRIES

Cerexio's exclusive technological consolidation empowers manufacturing domains to stay focused on the efficiency, resource allocation, yield, and real-time distribution of their production to the end user through Industry 4.0-dominated unlimited perfection. With this flexible approach, we support over 50 industrial domains in attaining unparalleled effectiveness and excellence in asset tracking and tracing strategies. Here are the top-most industries that use this solution:

- Aerospace
- Automotive
- Chemical
- Consumer Goods
- Electronics
- Food and Beverage
- Healthcare
- Logistics and Distribution
- Pharmaceutical
- Textile

# CONTACT US

**Don't Hesitate to Get in Touch With Us for Further Clarification or to Book a Demo This Week. The Contact Particulars of Our Company Are as Below:**


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