![Cerexio logo]

Powered by Simplicity

Cerexio
EBRS

Electronic Batch Record System

Unparalleled and Efficient EBR System designed for Modern Manufacturing Experts.

www.cerexio.com

Introduction

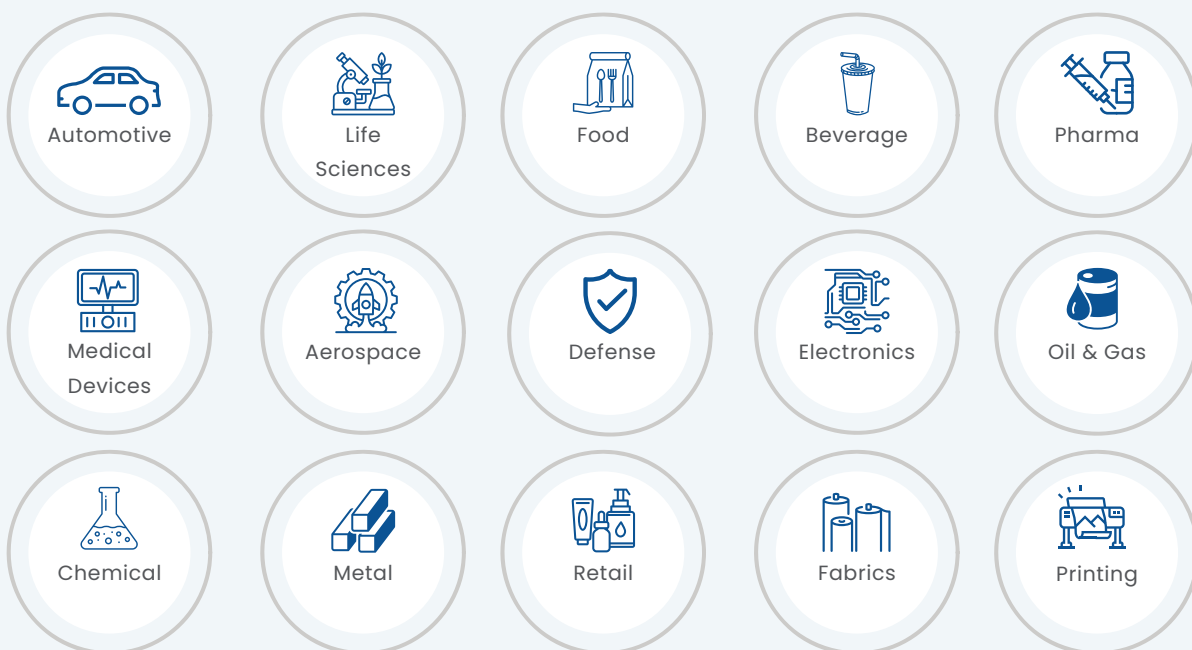## The Only One-for-All Electronic Batch Record System for Modern Manufacturing

The Cerexio EBR System is tailored explicitly to ensure compliance within the Food, Beverage, and Pharmaceutical Industries, among others! Uphold rigorous good manufacturing practices while efficiently streamlining the management of manufacturing EBRs, guiding you toward a remarkably successful future with reduced effort, time, and investment!
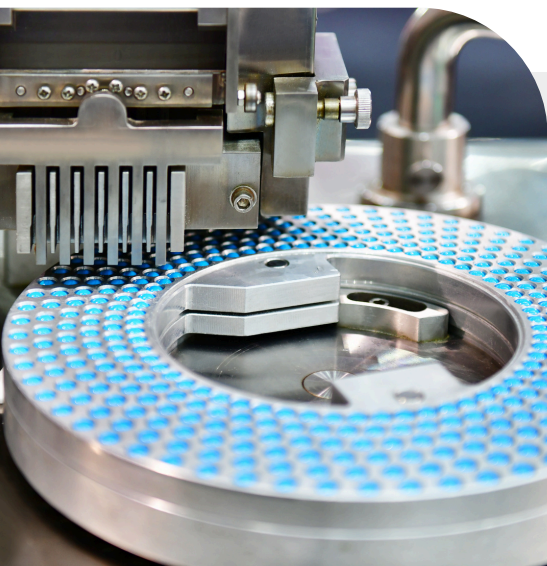
Elevating Manufacturing Precision with Industry 4.0 Innovations for Future-focused Industrial Pioneers

@Cerexio Smart Manufacturing Solutions

Industries We Serve

- Automotive
- Life Sciences
- Food
- Beverage
- Pharma
- Medical Devices
- Aerospace
- Defense
- Electronics
- Oil & Gas
- Chemical
- Metal
- Retail
- Fabrics
- Printing

Key Highlights

1. Automated Tracking and Tracing

The Cerexio EBR System meticulously tracks and logs all routing specifics and entered data, empowering managers and stakeholders to oversee the entire processes.

2. Industry 4.0 Compatibility

The Cerexio EBR System allows your EBR managers to incorporate AI, IoT, powerful visualisation, and predictive and prescriptive models to optimise and promote precision, quality and cost-efficiency.

3. Flexible and Smart

This solution is not only customisable to meet your personalised goals but also smart and fully automated. Thus promoting self-service dashboards that allow all users to manipulate data.

4. Intelligent Multi-Integration

Engineered for seamless integration with your existing systems, ensuring a rapid setup without disrupting operations or necessitating additional investments in new infrastructure.
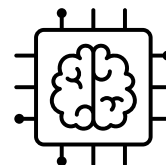
5. Outstanding Reviewing

Enhance operational transparency by optimising visibility throughout the manufacturing continuum, offering comprehensive insights and clarity into processes, thus empowering efficient decision-making.

6. Real-Time Surveillance

Elevate the effectiveness of evaluating quality events by employing streamlined workflows that prioritise exception-based reviews.
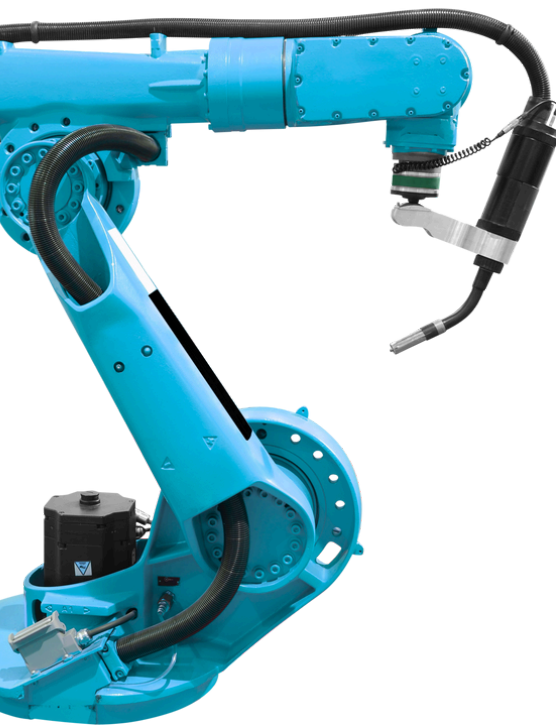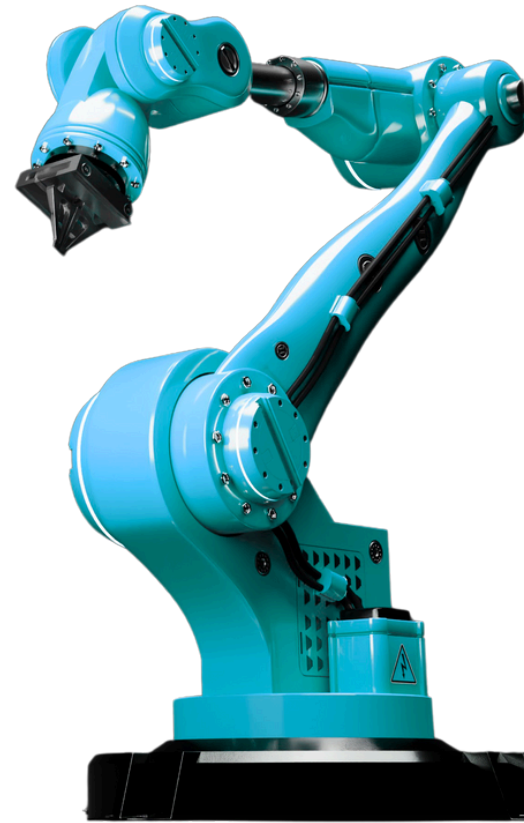
Industry 4.0 Capabilities We Offer

1   AI & Machine Learning

2   Big Data

3   GIS

4   AR/VR

5   Simulation

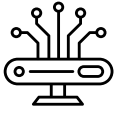**6**   Satellite Remote Sensing

7   CCTV and Laser

8   5G, IoT, Quantum Sensors

9   Digital Twin

10   Robotics and CPS

Cerexio EBRS Modules

Centralised Record Access Hub

This system offers a central hub for comprehensive access to batch records, streamlining data accessibility across stakeholders and departments. It enhances collaboration, expedites decisionmaking, and ensures synchronised access to critical information.

User-friendly Dashboards

This solution facilitates responsive and interactive dashboards, enabling faster task completion for record-keepers and decisionmakers. Users can customise the dashboard, promoting a selfservice analytics environment for manufacturing decisionmakers.

IoT Fusion, Smarter Integration

Cerexio EBR System excels in integrating devices via IoT, conducting quality reviews, electronically approving batches, and managing batch records effectively

MES Synergy and More

Reducing operational costs, this system enhances compliance by replacing paper batch records with electronic ones, ensuring data integrity, and meeting legal requirements.

Cerexio EBRS Modules

Mission-Oriented Configuration

Users can configure electronic batch records based on production demands, linking records with user-defined documents, simplifying inspection, auditing, and device record keeping.

Multi-level Batch Commanding

Offers comprehensive oversight across production stages and batches, ensuring synchronised control in GxP Production and Life Science-related Manufacturing.

Smart Inventory Apex

Boosts inventory management by enabling accurate and swift material routing among Quality Assurance, Warehouse, and Production teams, ensuring uniformity and traceability while minimising errors.

Automated Compliance Ensured

Adhering to cGMP standards, it generates time-stamped audit trails for document changes and uses compliant electronic signatures and automated workflows for seamless operations.

Cerexio EBRS Modules

Smart Equipment Log

Centralises equipment summaries, simplifies management for activities like calibration and maintenance and ensures thorough traceability and availability.

Digital record Administrator

The Cerexio EBR System transforms digital record administration by automating data compilation from various sources, reducing manual input mistakes, and ensuring record precision. Immediate access to electronic batch records enables quick data retrieval, expediting decision-making on its unified platform.
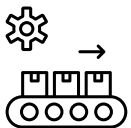
Production Line Management

This solution ensures that all production lines, from raw materials to the final checks, are traced, sourced and managed in the best manner possible. Here are a few of the industries that can be greatly benefited by this system:

Adherence to Compliance

Cerexio EBR System ensures adherence to all regulations, covering comprehensive documentation of manufacturing, packaging, and storage of medication batches, aligning with cGMPs and policymakers' requirements.

Cerexio EBRS Benefits

Join Us To Start Your Journey Towards The Best Quality Of Care, Efficiency And Secured Data Integrity

Cerexio EBR System is endowed with a unique industry 4.0 functionality for review by exception. This solution has reformed a more agile, precise, timely and cost-efficient release process for manufactured batches in the Life Science, Food and Beverage Industries that promotes less human interaction in your factories.

✓ Characteristics Maintaned

Cerexio EBR System meticulously preserves digital records' five vital traits - contemporary, accurate, legible, attributable, and original - ensuring SOP (Standard Operating Procedures) integrity and quality standards.

✓ Go paperless

Cerexio EBR System champions a paperless culture by digitising and streamlining batch record management, enhancing accuracy, accessibility, and compliance.

✓ Save on COQ

Cerexio EBR System streamlines processes, significantly reducing the Cost of Quality associated with batch record management and enhancing compliance, productivity, and costefficiency.

✓ 100% Error Free

Cerexio EBR System guarantees error-free records by eliminating manual transcription errors, ensuring meticulous data accuracy and compliance.

Cerexio EBRS Benefits

The Customer-Centric Production Framework, Enhanced Visibility, and Magnified Collaboration

Cerexio EBR System is the newly-fangled beacon of innovation for various industrial domains that require compliance conformance and accurate manufacturing operational intricacies. This solution ensures that all production lines, from raw materials to the final checks, are traced, sourced and managed in the best manner possible.

✓ Universal Industry Friendly

Cerexio EBR System is versatile and adaptable across various industry domains, ensuring compliance with global standards and regulations.

✓ Audit-Ready

Cerexio EBR System ensures your facility is always audit-ready by providing instant access to complete, well-organized digital records, simplifying regulatory inspections and reducing preparation time.

✓ Enhanced Data Security

Cerexio EBR System employs advanced encryption and robust access controls, safeguarding sensitive production data against unauthorized access and ensuring data integrity throughout the record lifecycle.

✓ Scalable for Future Growth

Cerexio EBR System is designed to scale effortlessly with your business, accommodating increased production volumes and evolving regulatory requirements without disruption or the need for major system overhauls.

Cerexio Client Stories

Cerexio has been at the forefront of digital transformation in manufacturing, empowering companies to achieve operational excellence and sustainable growth. Through its flagship solutions, Cerexio has partnered with industry leaders to solve complex challenges, ranging from throughput optimisation to emission control, while delivering measurable business value.

1

A company that manufactures and fabricates precision parts, moulds, and dies.

Vertically-integrated manufacturing services since 1978. They had a challenge in digitally transforming factories to improve operational efficiencies and reduce labour costs.

CEREXIO MES improved the throughput by digitally transforming their factory of 200+ moulding machines while the same labour capacity was able to deliver a +10% profit

2

Cement Manufacturer

According to Forbes, this company was on the list of the 700 largest global public companies in 2015. They had challenges in achieving kiln stability and optimisation.

CEREXIO MES was utilised by them to prevent poor quality, suboptimal throughput, unhealthy emission rates and energy losses by predicting failures in cyclone infrastructure.

3

ARTC- Advanced Remanufacturing Technology Centre

A Singaporean government agency that researches to facilitate the advanced manufacturing ecosystem in the region.

CEREXIO MES Services and Modules optimised their hyper-personalisation Line- a solution that manufactures personalised products in a fully automated production line.

Contact Cerexio

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:
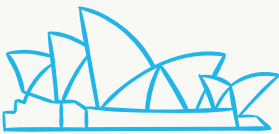
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