



**SYSTEC & SERVICES**  
KÖRBER SOLUTIONS

# ENTERPRISE MANUFACTURING INTELLIGENCE

Transform Data into Knowledge

In every pharmaceutical company, an understanding of the running processes is of crucial importance. Clarity is necessary to ensure compliance with regulatory requirements. Enterprise Manufacturing Intelligence (EMI) solutions are used to constantly monitor, track, and record laboratory and production data to use as a basis for further decision-making. This results in process improvements, such as the best possible combination of applications, which contribute to an overall optimized process.

Data from various production data sources (e.g. MES, Historian, LIMS, DCS, CAPA, ERP, etc.) are transformed, with the help of the EMI solution, into standardized dashboards and reports, which can be compiled in any combination. Key here is the proper data model. This contributes significantly to the standardization of applications which provide a connection to different production processes. Through a central portal, EMI helps to collect, aggregate, and analyze production data in an efficient manner.

## **Systemec & Services advises and supports pharmaceutical companies on**

- Selecting the relevant data sources
- Analysis of the of the data sources' data model
- Selection of the required data
- Creation of a central portal from which the data for dashboards or reports is made available in a standardized manner
- Validation of the data model and applications

This takes place in a validated and regulated environment, taking data integrity into account. As a result, reports required by regulatory authorities can be made available at any time. This includes for example Continued Process Verification (CPV),



*Data can be optimally analyzed using a dashboard.*

Ongoing Process Verification (OPV), Annual Product Review (APR). As a result, our customers achieve enormous time savings while maintaining consistent quality.

## **Systemec & Services EMI means for you:**

- Data basis for process improvements
- Reusability of the data for further usages
- Permanent availability of reports and dashboards
- Focus on clear business benefits and quality
- Compliance with regulatory requirements
- Validated deployment
- Provision of a solution instead of just a tool

## **CONTACT**

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