

Opportunities and Challenges in the Application of UDI

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Opportunities for manufacturers

PART 0



Significance of applying UDI for manufacturers





Facilitating industrial upgrading

As playing the primary role in the application of UDI, manufacturers can improve the IT application level of product manufacturing through the establishment of the UDI system. As a medium, UDI enables manufacturers to strengthen the combination of hardware and software and enhance the production efficiency and management.



Enhancing quality monitoring and improvement

UDI can strengthen the monitoring of adverse events, assure the accurate recall of products with quality problems, optimize the product quality management system, reduce the risk and cost of compliance operation, empower the management of manufacturers, and promote the high-quality development of the medical device industry.

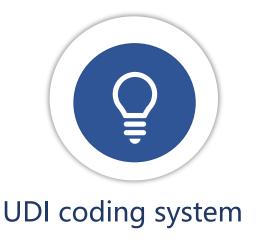


UDI System applied by Weigao Group



Since the manufacturing operation management platform was established, Weigao group has integrated its UDI database, UDI coding system and UDI traceability system. This establishment enables the information sharing across various systems and departments, the efficient combination of hardware and software, and the whole-process control during production, which improves the fine management level of medical device production. Weigao Group is continuously optimizing the functions of its UDI system in accordance with the needs of production management, quality control, logistics tracking, and regulatory supervision.

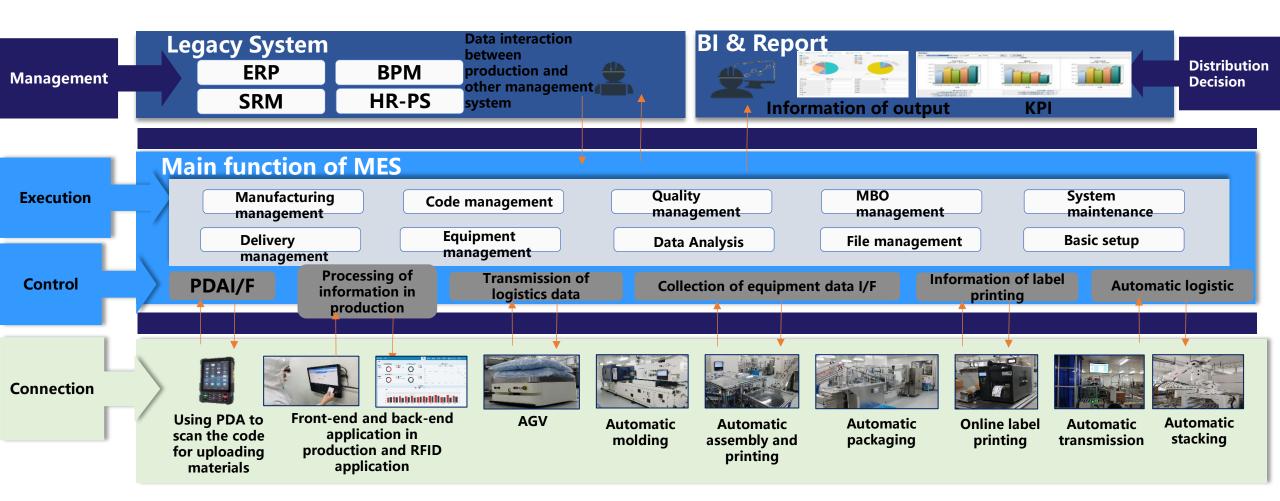














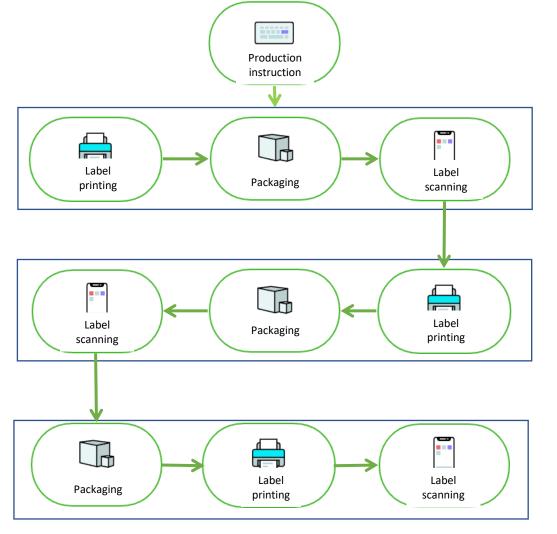






UDI Coding System





minimum unit of use

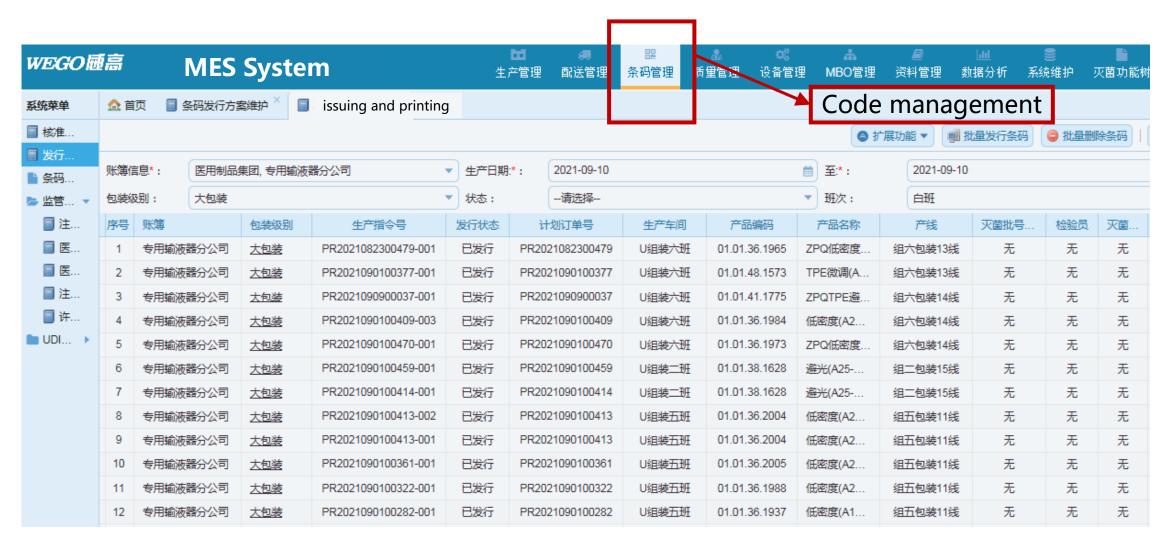
minimum sales units

shipping unit



UDI Coding System







UDI traceability system





Opportunities for distributors

PART.02



Significance of applying UDI for distributors







01

Management refinement

Distributors play a critical role in information circulation and product circulation in the medical device supply chain. UDI enables distributors to realize fine management of the whole process throughout the first operation of the product, procurement, acceptance into the warehouse, warehousing, sales to after-sales, and provides basic information guarantee for distributors.

Improvement of the efficiency of information capture

After the application of UDI, distributors can quickly identify the static and dynamic information in the UDI by means of code scanner gun, portable PDA and other equipment, and achieve intelligent access to storage, warehousing and other aspects of the process. This greatly enhances the efficiency of capturing product information, and enables a visual, intelligent, and transparent supply chain, finally facilitates an efficient operating system of supply chain.



Weigao traceability platform for supply chain





Scan UDI



Transmit into the aeration area



Scan allocation sheet____



Scan UDI to put into product warehouse



Scan allocation sheet



Scan UDI to transmit out of the aeration area

The traceability platform for supply chain created by Weigao Group is connected with the MES system of the manufacturing management operation platform and the enterprise management system, which realizes the comprehensive management of medical device data in warehousing management and logistics. The warehousing management system of distribution has been correlated with the medical supplies management system of medical institutions through the data transmission protocol to achieve data sharing, which facilitates the establishment of a modernized logistics system for distributors.



Weigao traceability platform for supply chain





Opportunities for medical institutions

P A R T . 0 3



Significance of applying UDI for medical institutions



Supply data specification

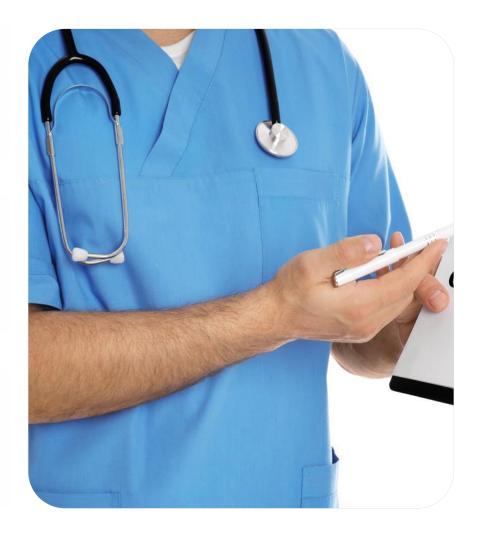
UDI enables medical institutions to establish a data dictionary for supplies, integrate coding standard, enhance information connection and traceability, facilitate the cost control and risk prevention.

Supply management improvement

UDI helps medical institutions to realize life-cycle traceability of products, so as to enhance medical quality assurance and prevent non-compliant use.

Information sharing

UDI empowers medical institutions to cope with the issue of information silos, bring about data interaction across departments, improve inventory and expense management efficiency, and reduce healthcare risk.

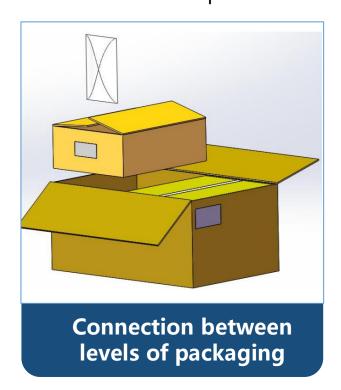




Application of Weigao UDI in medical institutions Global Harmonization Working Party



UDI has been assigned and linked to all levels of packaging of Weigao's medical products. The information on all levels of packaging can be displayed when medical staff scan the UDI on one single package, which enhances the fine management of medical institutions. The requirement of "One device marked by one UDI" allows medical institutions to charge by one item, which ensures the traceability of storage, patient use and billing consumption of consumables in hospitals and effectively reduces the risk of the quality and clinical use of medical devices.







Challenges confronted by all the parties

P A R T . 0 4



Challenges confronted by all the parties



01

Challenges faced by manufactures

Differences in manufacturers' understanding of UDI lead to poor design and various data quality standards, so that manufacturers shall enhance their understanding of regulations and specifications.

02

Lack of momentum for distributors to apply UDI

It's necessary for distributors to input resources and strengthen capacity building, so as to bring about UDI system improvement and awareness of UDI.

03

Difficulties in the application of UDI in medical institutions

The complex UDI system reorganization requires coordinated efforts made by various departments under appropriate conditions.



Thank you