Produmex Life Sciences for Distributors & Manufacturers

Industry Change

The global pharmaceuticals counterfeit market is estimated to be €150 to €200 billion in annual sales and anti-counterfeit initiatives such as the US Drug Supply Chain Security Act (DSCSA) and the European Union Falsified Medicines Directive (FMD) will change how enterprises will operate today.

- Implementation of tamper proof packaging and printed GS1 DataMatrix 2D barcode encoding GTIN number , Batch/Lot, Serial number and Expiry Date on each end selling packaging unit

- Electronic sharing of transactions and serialized data across multiple channels such as the European Hub, National Medicines Verification Systems (NMVS), Marketing Authorization Holders (MAH), including standalone track and trace systems

- Legislation will require manufacturers and supply chain partners to work closer together to improve data and business process inefficiencies

- Product authentication for serialized item verification, product decommissioning and reactivation to support enhanced traceability.

Pharma legislation is creating ever increasing demands on manufacturers and supply chain partners. There is a need to integrate the business, manage costs and effectively manage time and resources. Therefore choosing the right business solution and technology partner who fully understands your industry is key to your future success.

Produmex Life Sciences, Industry focused supply chain solution for SAP Business One

Covering manufacturing, warehouse management and logistics supports the automation of business processes, records and tracks data, while optimizing operations to achieve compliance, providing the following benefits to your business:

- Perform inventory related transactions with combined batch/lot and serial number of the end selling unit

- Optimize inventory transactions and advanced shipping notifications (ASN's) using GS1 2D barcodes and SSCC license plates to support aggregation

- Connect to multiple channels such as country specific NMVS, including standalone serialisation and track and trace systems

- Provide product and serial number authentication via moble applications to support verification, product decommissioning and reactivation via the cloud

- Accurately trace and quickly recall products in the supply chain to minimize operational costs.

Functional Summary

- Warehouse & Bin Structure	- Batch with Serial Management	- Shelf Life & Expiry Dates
- Inventory Management	- Random serial numbers	- FEFO & FIFO Picking
- Receiving & Put-away	- 2D GS1 Barcodes	- Customer Based Shelf Life
- Stock Transfers	- Packaging Aggregation	- Batch Attributes
- Picking for Production	- Product authentication	- Silo & Tank Management
- Receipt from Production	- Advanced Shipping Notification (ASN)	- 3PL invoicing
- Cross-Docking	- EU Hub & NMVS integration	- Recipes & Bill of Materials
- Deliver, Returns & RMA	- Track & Trace	- Revision & status control
- Auto Replenishment	- Production line integration	- Materials Requirement Planning
- Load & Route Optimization	- Weighing & Dispensing	- Production Planning
- Container Management	- Quality Management	- Time Registration
- Cycle Counting	- Audit Trail	- Multiple Costing Methods

Are You Ready?

The deadline for implementing serialization is fast approaching, for the EU 9th February 2019, and in the US later in the same year. Investing in new production line hardware and systems to print serial numbers is just one part of the puzzle. Connecting to supply chain partners, nation specific NMVS, product verification applications, and replacement ERP with integrated warehouse management and logistics solutions are required to trade efficiently within the pharma network.

Market Forces

- **Increased legislation and regulations**
- **Combat rising drug counterfeiting**
- **Remove unauthorized supply chains**
- **Reduce patient mortality rates**
- **Brand protection**
- **Supply chain inefficiencies**
- **Reduce reimbursement fraud**
- **Traceability & transparency**

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Company Overview

Produmex is a leading industry focused SAP Business One value added reseller and a global software solution partner of cross industry focused integrated supply chain solutions, covering manufacturing, warehouse management and logistics for regulated industries such as food and beverage and life sciences.

Our people have a wealth of regulated industry expertise, working across different nodes of the supply chain from retail to wholesale distribution to third party logistic providers, to manufacturing.

Our products are designed based with inputs from SAP, industry, customers and partners, a philosophy ensuring we build solutions to address the day to day business needs, regulatory compliance and industry requirements of today's and tomorrow's enterprises.

For more information

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