

VERTICALS



Pharmaceuticals, Bulk Drugs

Today the pharmaceutical industry is making big leaps in development of new drugs. While research and development activity is becoming more hectic and expensive, the management has to keep a firm control over finances so that company profitability is not compromised. Being in the business of manufacturing medicine, adhering to regulations and guidelines and quality control are of prime importance. From the formulation of drugs to their marketing, various complex processes are involved which need to be in coherence to form a successful venture.

Matrix pH+ is an Enterprise Resource Planning solution specially formulated to address the needs of the pharmaceutical industry. Managing R&D, Production, Quality Control, Marketing, Financial and Administrative concerns will become a co-ordinated and integrated operation by implementing Matrix ERP. So lets transform drug making from an art into a science – by process controls established through Matrix pH+ so that synergy is maintained from development to the delivery of the product.



Highlights of Matrix pH+

- Batch numbers controls for all goods (receipt, work-in-process, finished).
- Comprehensive and flexible process control. Formulation processes can be created as per requirement. Substitution of components can be smartly handled. New processes can be easily introduced and existing ones modified.
- Batch Sheets are prepared for every step of the manufacturing process.
- Matrix Pharma provides for Chemical Testing (Physical and Laboratory) of goods once the goods enter the factory and before GRN is updated.
- Exhaustive Quality Control procedures maintained. Quality testing parameters can be defined for each stage of production and even packing.
- Tracking of Samples Drawn for the Test Results and deviation (Received Under Deviation) is recorded.
- Allows for complete material tracability from finished goods to raw material. In case of any defect, goods can be easily identified.
- Loss Control (batchwise) by monitoring Standard Losses, Handling Losses, Process losses and Abnormal Losses. These can be compared to standards set through Matrix ERP.
- Stock management on the basis of Manufacturing Date, Expiry Date and MRP. Stock which is closer to the expiry date and of higher MRP can be mobilized first to prevent huge losses.
- Sales of goods through different schemes and incentives (trade discounts, heterogeneous schemes) can be utilized to liquidate stock before expiry.
- Reduce inventory carrying cost. The material requirement planning can be broken into weekly production schedules. Materials can then be procured for a journey cycle. An extra month in a year can be obtained for both production and sales by linking inventory to journey cycle.
- Comprehensive lab management.
- Drug Costing - direct and indirect helps in determining price.
- Matrix ERP can handle Large Sales & Distribution networks. The logistics of managing inventory across huge networks of offices, branches, factories, distributors and partners and can be smoothly managed.
- Multi layer Analysis of Sales Data. Data can be studied on the basis of Banner, Brand, Product, Variant, Size etc. Categorization can also be done on the basis of Geography, Country, State, Region, Market etc. Further categorization into Salesman, Area Sales Manager, Territory Sales Manager, Regional Sales Manager, Marketing Manager etc. can be done for effective monitoring of individual performance.
- Vendor Management. Vendor registration, vendor directories for different products, payment structure and discounts, credit limits, delivery and performance analysis is effectively managed through Matrix pH+ with human minimum intervention.

- Modular Integration eliminates duplication of data.
- Business Process modeling allows it to adapt to diverse business requirements.
- Graphs and charts, Decision support and Multi-dimensional analysis.
- User-defined electronic approvals of documents.
- Work Flow management caters to any document flow in an organization.
- Comprehensive user definable security features over and above the RDBMS security environment.
- On-line integration across multiple location at low costs.
- Matrix ERP has got an in built Data Export / Import module through store & forward mode that allows for low connectivity cost.
- WYSIWYG Document Designer, Report Designer.
- Seamless integration with other Windows based tools.
- Export of reports to MS EXCEL (with formulae), MS WORD.
- E mail / Fax of Reports / Documents within the software.

BFR - INJECTIONS

Sampling

Sampling - Bulk Drug
Cleaning & Sterilization of Ampules
Dry Heat Sterilization

Filling & Sealing

Sterilization
Manufacturing Controls

Checking

Testing for leaks
Sampling - Finished Drugs

Label & Packing

Packing Information
Sampling for labelling accuracy

BFR - CAPSULES

Bulk Drug Details
Sieving
Mixing
Empty Capsules details
Filing
Polishing & Checking
Strip / Blister packing
Checking
Carton/Bottle Packing
Labelling - Over Printing of Text
Packing Details
QC of Finished Product

BFR - TABLETS

Drying

Wet Granulation

Mixing

Sieving
Paste Formation

Drying/Sieving

Granulation
Drying
Dry Granulation
Sieving

Compression

Final Mixing/Lubrication
Sampling of final granules
Compression

Coating

Dedusting & Checking
Sampling of uncoated
tablets

Coating

Packing

Sampling of coated tablets
Packing

Finishing

Strip/Blister packing
Checking of strips/blisters
Carton/Bottle packing

QC of Finished Product

BFR - OTHER PRODUCTS

Mixing
Filtration
In Process Control
Labelling - Over Printing of Text
Packing Details
QC of Finished Product