

# Manufacturing Execution System (MES) SQL (Structured Query Language) DB Connectivity

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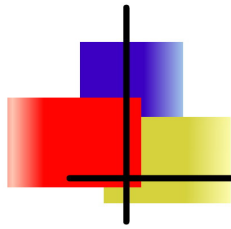
## Functions

- Obtain, Keep and Create the inventory
- Multiple Inventory Storages based on physical location
- Personal responsibility for Inventory in possession
- Move Inventory between Storages (physical locations)
- Join Items for new code (Husband + Wife = Family)
- Move Joined Items created to any Storage to Personal Possession
- Track Items, Messages, Tasks, Operations...
- Create and Control Operations
- Operation Execution GUI (Timer, and instant report)
- Create Task Request and Control Task Report, assign Report for control
- Task and Operations Archive with Print option
- Message Archive with Print Option
- Company Structure with SOP print option for each working position
- Search by multiple criteria
- Instant Network Messaging
- Print Forms (Invoice, PO, Quotation, Sales Receipt, Packing Slip)
- Print Forms for Excel editing
- Create Labels and Barcodes
- Assign Picture to the Inventory Items
- Print Storages Items Information with/without Picture
- Print Reports of Operations and Task
- Share Information based on access privilege
- Secure Local Server or localhost MS Access Database
- Remote MySQL TLC (SSL) encrypted Database
- Option to create new Clusters, to Delete Tables, to Change the value of cell, to Delete row...
- User privileges
- Paperless internal documents turnover with electron signature
- Management Documents and Messages with Print option
- Log for each User operation
- GUI Tab Color customization

## Features

- All operation supported by PopUp Dialog
- Automatic arithmetic's for all Inventory work
- Automatic arithmetic's for all Forms work
- Typo protection with dialog
- SQL and MS Access reserved words automatic check
- Table based data
- Color marking by mouse click
- Mouse Table Control
- Multiple Tables for convenient work
- Search in Tables by key words
- Sort Tables by Columns with and without numerical order
- Instant Messages between Users with saving them in Message Archive
- Encrypted configuration file for local installation
- Customizable Storage
- Database analysis
- Automatic Database Backup
- Artificial Intelligence algorithm
- Adds-On embedded applications

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# Laplenda

MES SQL Connect software

The collage displays several key features of the MES SQL Connect software:

- Login Screen:** Features a clock, a login form with fields for 'Login as' and 'Login Password', and a large circular graphic with 'MES' in the center and 'Operations' below it.
- Inventory List:** A table showing inventory items with columns for 'CodeID', 'Description', 'Quantity', 'Price', 'Total Price', 'Units Per Item', and 'Total Units'. It includes a 'Check' button and a 'Refresh' button.
- Production Order:** A form for creating a production order, including fields for 'Operation Name', 'Assigned By', 'Description', 'Code', 'SQP', 'Report To', 'Lot ID', 'Lot Description', and 'Date and Date'.
- Invoice:** A document titled 'INVOICE' from 'Laplenda USA' showing a list of items and their prices.
- Sales Receipt:** A document titled 'SALES RECEIPT' showing a list of items and their prices.
- Purchase Order:** A document titled 'PURCHASE ORDER' showing a list of items and their prices.
- Packing Slip:** A document titled 'PACKING SLIP' showing a list of items and their prices.
- Shipping Address:** A form for entering shipping information, including 'SHIP TO', 'Address', 'City', 'State', 'Zip', and 'Phone'.
- MES SQL Connect Report:** A report titled 'MES SQL Connect Report' showing a list of items and their prices.
- MES SQL Inventory Tag:** A tag for inventory tracking, including fields for 'Lot ID', 'Lot Description', 'Date and Date', and 'Transfer to possession'.
- Barcode:** A barcode with the text 'SR-8175-ALKIF' below it.