

# Laplanda

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GUI and Guide of Manufacturing Execution System (MES) with SQL (Structured Query Language) BD (Database) Connectivity

System Data

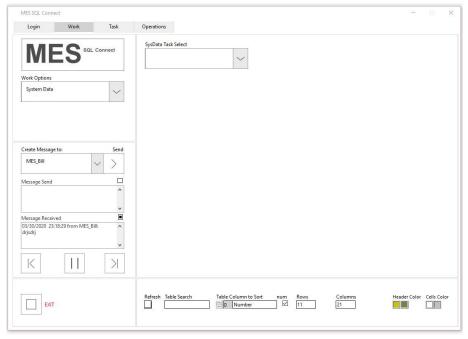




### Welcome Tab

Login.





# Work: Work Options: System Data SysData Task Select:

This Option creates and store the Company credential and has several miscellaneous functions:

- •Save Path for Logo
- •Save Path for Front Image
- •Load Spreadsheet From File
- •Save Table to File
- Save DB Backup Destination
- Save SOP Credential
- •User Password and Access
- •Alarm Refnum
- Printer Settings
- Company Information
- •Company Ship To
- Sales Tax
- Structure List
- •Task Print Report
- •MS Access Database Username and Password
- Inventory Storage
- Organizational Structure
- Configuration File Path
- Database Information





### Work: Work Options: System Data SysData Task Select: Save Path for Logo

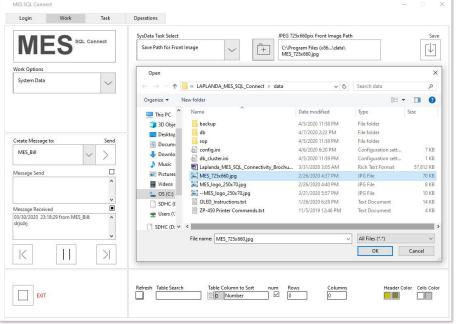
Set path to your own logo (left upper image window). Save.

NOTE: Logo window formatted and accepts the Image size JPEG 250x70 pix.

NOTE: The path is saving to the "config.ini" file located in root directory "Program/data/config.ini".

NOTE: Some most critical data is encrypted to prevent any change by non qualified User.





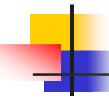
### Work: Work Options: System Data SysData Task Select: Save Path for Front Image

Set path to your own Front Image (center image window). Save.

NOTE: Front Image window formatted and accepts the Image size JPEG 725x660 pix.

NOTE: The path is saving to the "config.ini" file located in root directory "Program/data/config.ini"

NOTE: Some most critical data is encrypted to prevent any change by non qualified User.





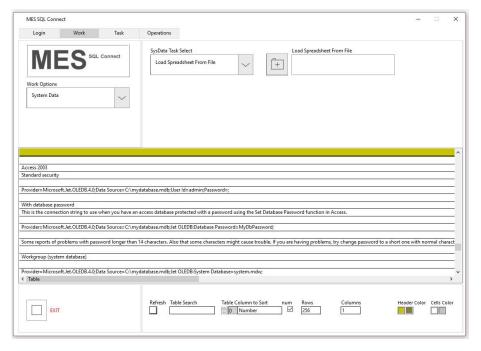
### Work: Work Options: System Data SysData Task Select: Load Spreadsheet From File

Load to the Program Table any spreadsheet file. Choose file. OK

### Supported Formats of Spreadsheets Following is a list of common spreadsheet file formats along with their file extensions.

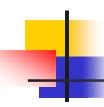
File Extension	File Format
CSV12*	Comma Separated Values File
DIFE	Microsoft Data Interchange Format
ODSď	OpenDocument Spreadsheet
OTS	OpenDocument Spreadsheet Template
TSV₫	Tab Separated Values File
XLMe	Microsoft Excel Macro File
XLSt	Microsoft Excel Binary File Format
XLSBC	Microsoft Excel Binary Spreadsheet File
XLSMt <sup>a</sup>	Microsoft Excel Open XML Macro-Enabled Spreadsheet
XLSX12*	Microsoft Excel Open XML Spreadsheet
XLTď	Microsoft Excel Template File
XLTMt <sup>a</sup>	Microsoft Excel Open XML Macro-Enabled Spreadsheet Template
XLTXI2	Microsoft Excel Open XML Spreadsheet Template

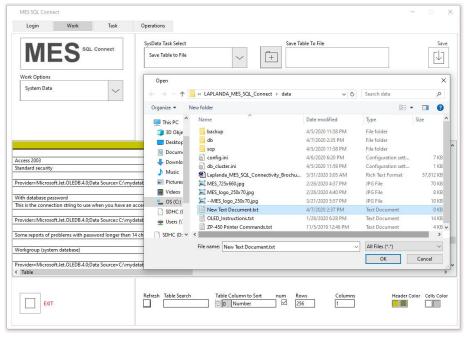




### Work: Work Options: System Data SysData Task Select: Load Spreadsheet From File

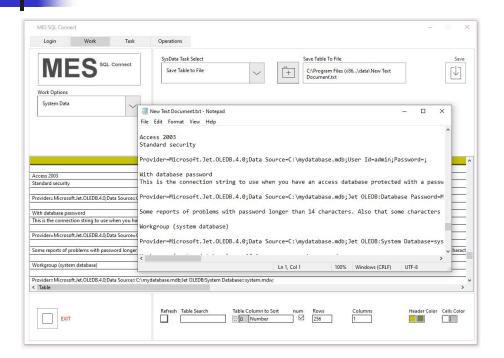
Oled\_Instruction.txt file is loaded to the Program Table.





### Work: Work Options: System Data SysData Task Select: Save Spreadsheet From File

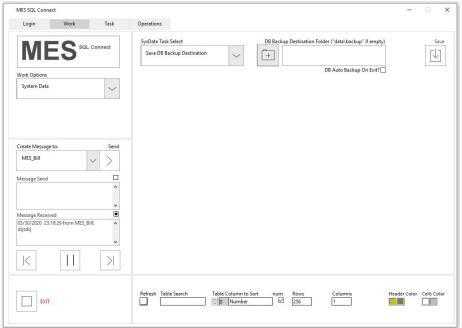
Create "New Text Document.txt." Save Table.



Work: Work Options: System Data SysData Task Select: Save Spreadsheet From File

New Text Document.txt saved.



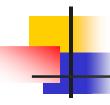


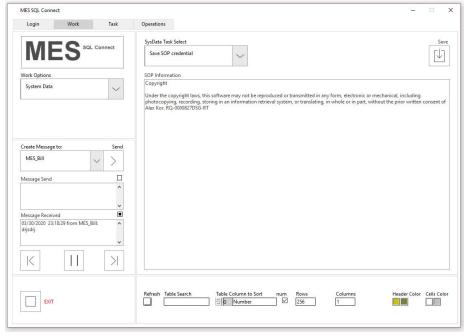
### Work: Work Options: System Data SysData Task Select: Save DB Backup Destination

Check "DB Backup On Exit?" box if a Database backup in ZIP file format required.

Save the "DB Backup Destination Folder" path.

NOTE: If "DB Backup Destination Folder" is empty, the Default destination is "Program/data/backup" directory.



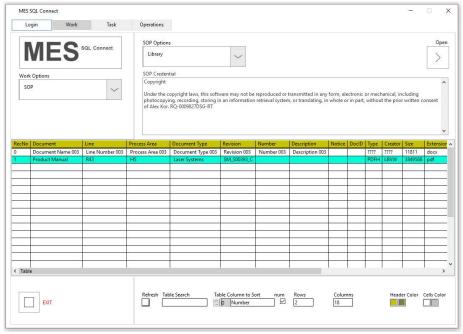


### Work: Work Options: System Data SysData Task Select: Save SOP credential

Save Company proprietary notice.

NOTE: SOP Credential will arise at "Work: Work Options/SOP" Tab.





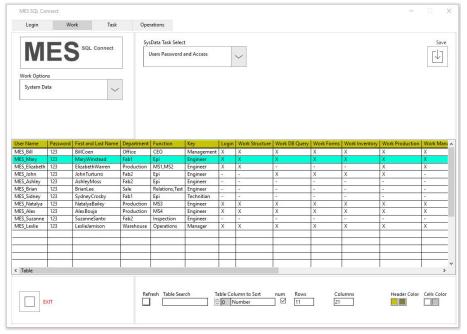
### Work: Work Options: SOP

Company proprietary notice.

NOTE: "SOP Credential" will arise at "Work: Work Options/SOP" Tab. NOTE: Settings of "SOP Credential" is in "Work: Work Options; SysData

Task Select: Save SOP credential"





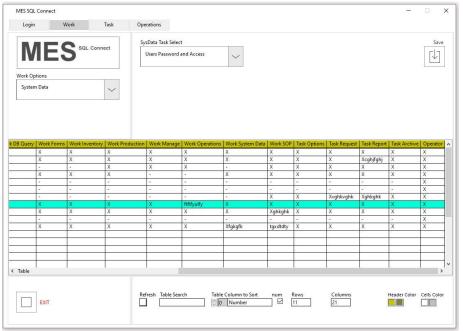
### Work: Work Options: System Data Sys Data Task Select: User Password and Access

Create and Save Company User Password and Access credential.

Table Administrative columns:

- •User Name
- Password
- •First and Last Name
- •Department
- •Function
- •Key





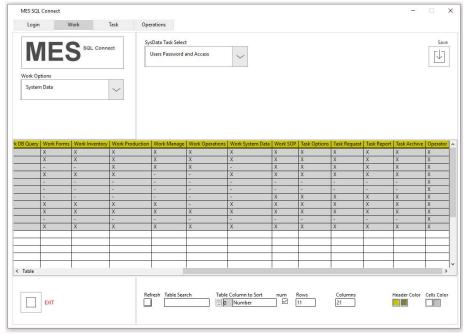
### Work: Work Options: System Data Sys Data Task Select: User Password and Access

Create and Save Company User Password and Access credential.

### Table Access columns:

- •Login •Work Structure
- •Work DB Query
- •Work Forms
- •Work Inventory
- •Work Production
- •Work Manage
- Work Operations
- •Work System Data
  •Work SOP
- •Task Options
- •Task Request
- •Task Report •Work System Data
- •Work SOP
- TaskOptions
- •Task Request
- Task Report •Task Archive
- Operator





### Work: Work Options: System Data Sys Data Task Select: User Password and Access

Create and Save Company User Password and Access credential.

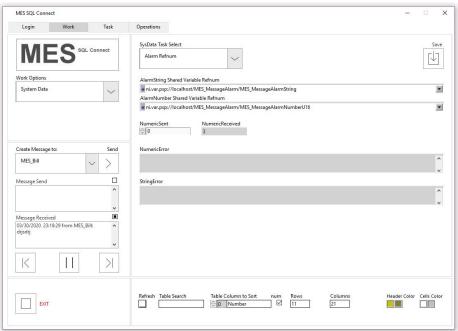
NOTE: After "Save" all spaces will be eliminated by Database rules. NOTE" After "Save" the correction of all typos will perform in the "Access columns":

- •Any string containing "x" sign converts to "X" and indicates that this User has an access to the Function specified in the column.
- •If the cell in "Access columns" does not have "x" character, this cell will be marked as "-" and User will NOT have an access to the Function, specified in this Column.

The information in "User Password and Access" Table will be encrypted and saved in "config.ini" file.

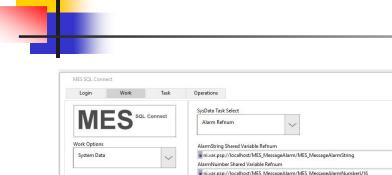
It is recommended to keep this "config.ini" file for each Users computer instead of to create the new credential.

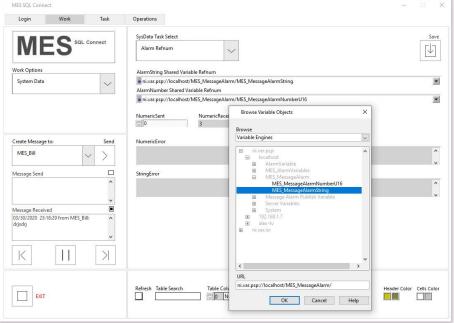




### Work: Work Options: System Data Sys Data Task Select: Alarm Refnum

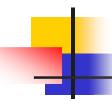
After Program installation find in your Network and save the path to the Alarms.

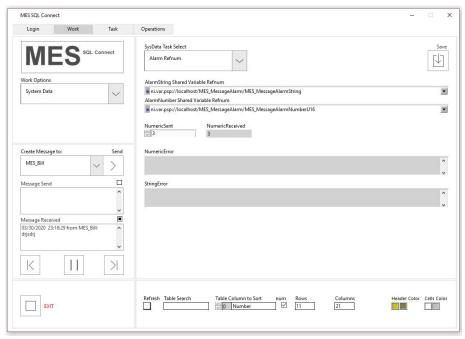




### Work: Work Options: System Data Sys Data Task Select: Alarm Refnum

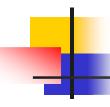
After Program installation find in your Network and save the path to the Alarms.

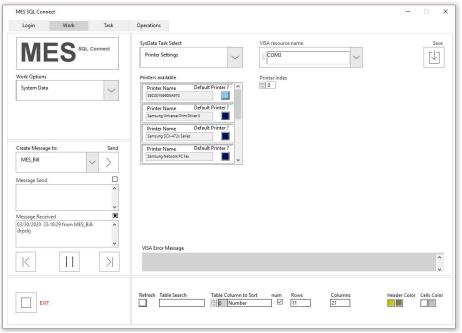




### Work: Work Options: System Data Sys Data Task Select: Alarm Refnum

Test Network Numeric Variable by sending/receiving the Numeric Value. Test Network String Variable by sending/receiving the "Message Send" text.

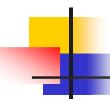


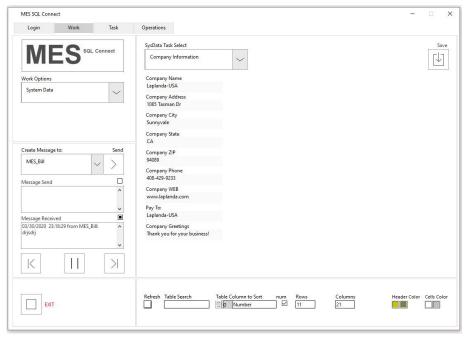


### Work: Work Options: System Data Sys Data Task Select: Printer Settings

Set the Default Printer, Save.

NOTE: ZP-450 printer is tested as a Main printed for Label and Barcode print. The script is adopted and used as a default. In case of connection ZP-450 printer locate the Port and save. The script will be arise for correction and change at this Tab. The samples of ZP-450 script is located in "ZP-450 Printer Commands.txt" file in the root directory "Program/data/".

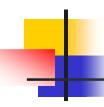


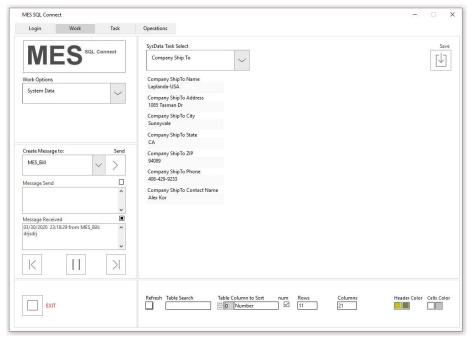


### Work: Work Options: System Data Sys Data Task Select: Company Information

Save the Company Information.

NOTE: This Company Information will be used upon the Forms creation and Manage.

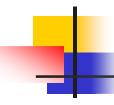


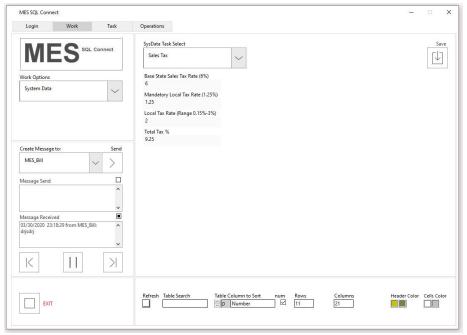


### Work: Work Options: System Data Sys Data Task Select: Company Ship To

Save the Company Ship To Information.

NOTE: This Company Ship To Information will be used upon the Forms creation and Manage.

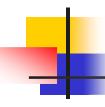




### Work: Work Options: System Data Sys Data Task Select: Company Ship To

Save Sales Tax.

NOTE: "Total Tax %" will be used upon the Forms creation and Manage.





### Work: Work Options: System Data Sys Data Task Select: Structure List

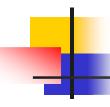
Create and Save "Structure List".

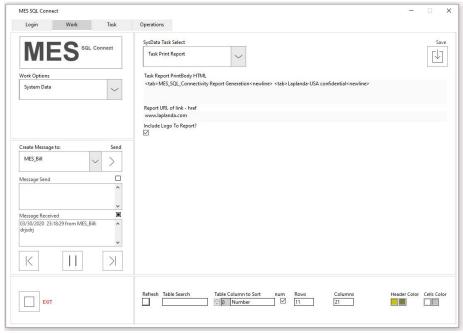
"Structure List" collects a name of all your addressee involved in your business transaction. The sample is place in "Structure List" Table.

NOTE: "Structure List" names will be used as the Name of the Table in the Database, so it is critical to create the proper name string. For the convenience the typo correction is made during "Save" function. All spaces and not allowed characters will be eliminated. SUGGESTION: Use this Tab for creation of all Company's Vendors,

Partners, Customs, Contractors, Employees, Users of this Program, Internal and External documents, assets, liability, monetary properties, real estate and etc.

This "Structure List" is using in "Work: Work Option: Structure; Forms; Inventory and Production" Tabs.

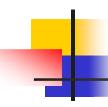


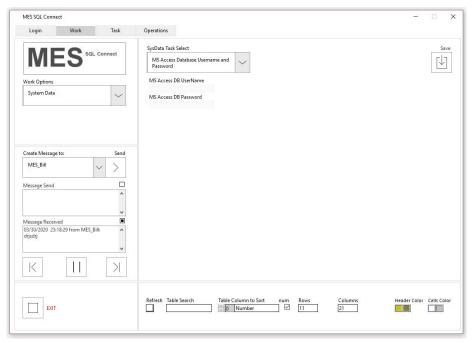


### Work: Work Options: System Data Sys Data Task Select: Task Print Report

Create and Save "required values.

This "Structure List" is using in "Work: Work Option: Forms; Inventory; Production; Task; Operation; SOP" Tabs.





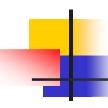
## Work: Work Options: System Data Sys Data Task Select:

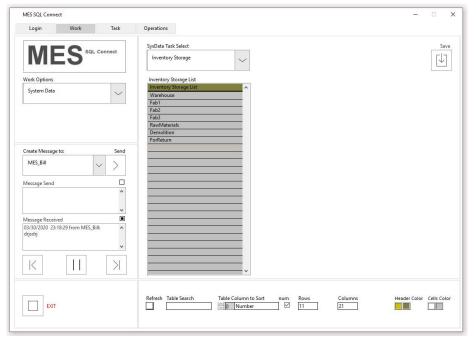
### MS Access Database Username and Password

Create and Save "MS Access DB UserName" and "MS Access DB Password". If your .mdb file is not encrypted leave BLANK!

NOTE: This settings are necessary, if your MS Access Database protected by MS Access Credentials. This is an option of MS Access Database and NOT a Function of this Program. Learn how establish the User Name and Password for MS Access Database file at MS WEB pages. Use this settings ONLY if you already established the User Name and Password inside the .mdb file.

NOTE: The sample database for this Program is protected by Password. This function is different from encryption noted above. The sample DB "db\_1.mdb" file has a password "522577". This Password is a property of MS Access file and can not be changed using this Program. The sample DB file Password can be changed inside of MS Access DB file. This Password is using in Instruction that is saving during this Program configuration under the "Admin" privileges. Admin passford is fixed on low programming level and can not be changed, until you will request the proprietary license for this Program. The "Admin" password is "522577".





### Work: Work Options: System Data Sys Data Task Select: Inventory Storage

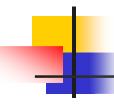
Create and Save "Inventory Storage List".

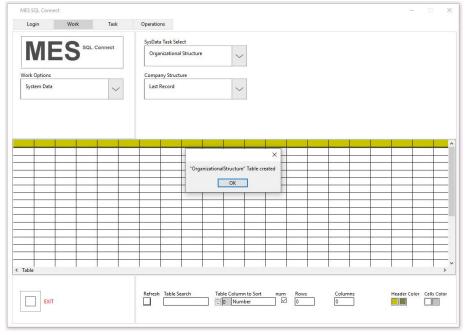
"Inventory Storage List" is a list of places where your assets are located. SUGGESTION: The virtual location names should be correlated with the actual physical storage name for your convenience.

NOTE: "Inventory Storage List" names will be used as the Name of the Table in the Database, so it is critical to create the proper name string. For the convenience the typo correction is made during "Save" function. All spaces and not allowed characters will be eliminated.

SUGGESTION: Use this Tab for creation the places name of all assets of your Company. The sample of the Storages shows in this sample Program "Inventory Storage List".

This "Inventory Storage List" is using in "Work: Work Option: Forms; Inventory and Production" Tabs.



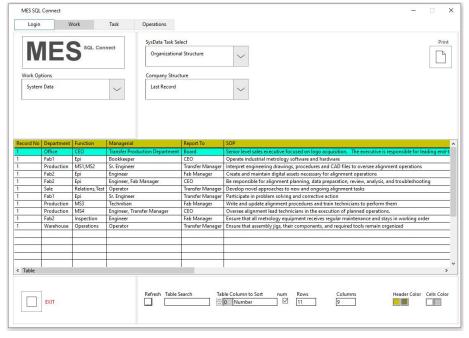


Work: Work Options: System Data SysData Select: Organizational Structure Company Structure: Last Record

This Option creates and store the Company Organizational Structure information.

DIALOG: "Operational Structure" Table Created NOTE: All Tables in Database are creating automatically NOTE: "Last Record" means the collection just last saved Organizational Structure List.





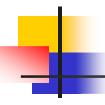
Work: Work Options: System Data SysData Select: Organizational Structure Company Structure: Last Record

Create the Organizational rules and policies.

NOTE: "Record No" is creating automatically.

NOTE: Before creating "Organizational Structure" record, create the "User Password and Acces", see Login and Messages Guide. The "Department" and "Function" columns are copying directly from "User and Access" Table.

To save a record: Pick a line. Print.



### MES\_Bill SOP



Record	Value
Number	1
Date and Time	04/06/2020 12:34:37
Assigned By	MES_Bill
Department	Office
Function	CEO
Managerial	Transfer Production Department
Report To	Board
SOP	Senior level sales executive focused on logo acquisition. The executive is reponsible for leading end-to-end sales processes that result in profitable revenue.
Note	Excellent verbal and written communication skills

MES\_SQL\_Connectivity Report Generation

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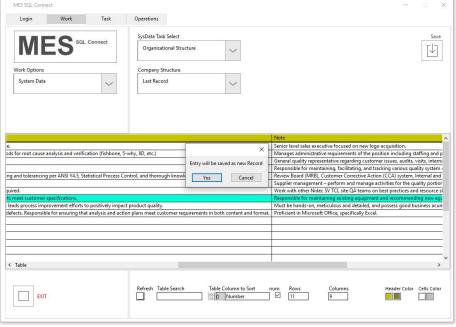
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### Print: SOP of taken Department and Function

Report" Tag is printed as HTML in browser. This Tag can be saved or printed using existed peripheral.

Return to Program...





Work: Work Options: System Data SysData Select: Organizational Structure Company Structure: Last Record

When Record is printed, the "Save" function becomes available.

Save.

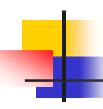
DIALOG: Entry will be saved as new record.

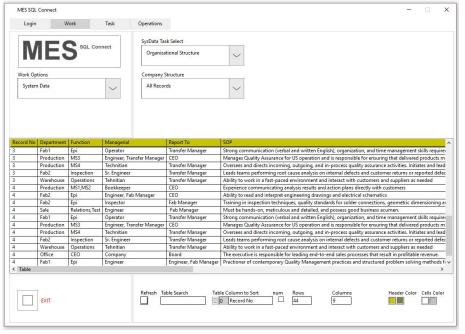
YES

NOTE: The Last record is a last saved record.

NOTE. The record is saving as a whole Organization Sructure

list of records.

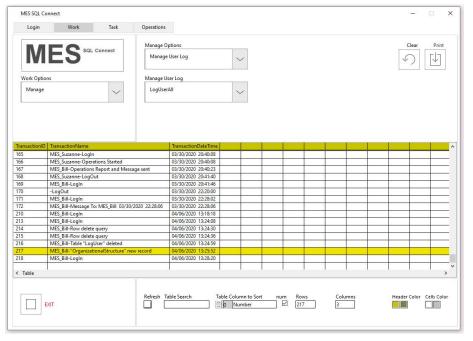




Work: Work Options: System Data SysData Select: Organizational Structure Company Structure: All Records

NOTE: To change the "Organizational Structure" record is possible only from "Company Structure: Last Record". NOTE: Maximum allowed quantity of the characters in any cell is 250





Work: Work Options: Manage Manage Options: Manage User Log Manage User Log: LogUserAll

All changes in "Organizational Structure" records are saving in User Log and UserAll Log

Pick a line.

Print.



### MES\_Bill Report



Column	Value	
Transaction ID	217	
Transaction Name	MES_Bill-"OrganizationalStructure" new record	
Transaction Time	04/06/2020 13:25:52	
Transaction Made By	UserAll	

MES\_SQL\_Connectivity Report Generation

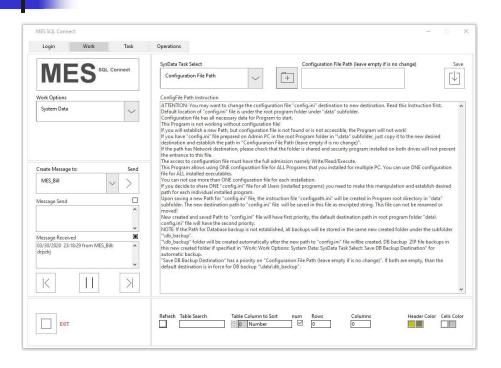
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Print: Log Report

Report" Tag is printed as HTML in browser. This Tag can be saved or printed using existed peripheral.

Return to Program...

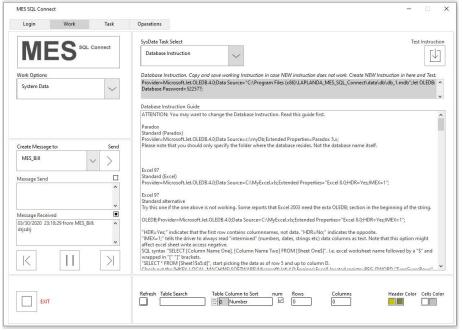


Work: Work Options: System Data SysData Select: Configuration File Path

Here is an option to establish one path to single "config.ini" file for all installations.

Configuration file has all necessary data for Program to start.





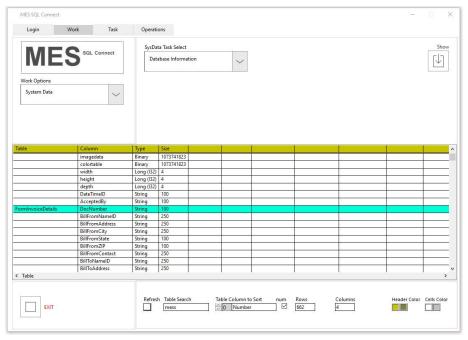
### Work: Work Options: System Data SysData Select: Database Instruction

Here is an option to establish NEW Instruction.

The Instruction is saving as an encryption to "config.ini" file.

In case ONE "config.ini" file is using for multiple installations, the Instruction will be in force for all these installations.





Work: Work Options: System Data SysData Select: Database Information

"Show" Database Information