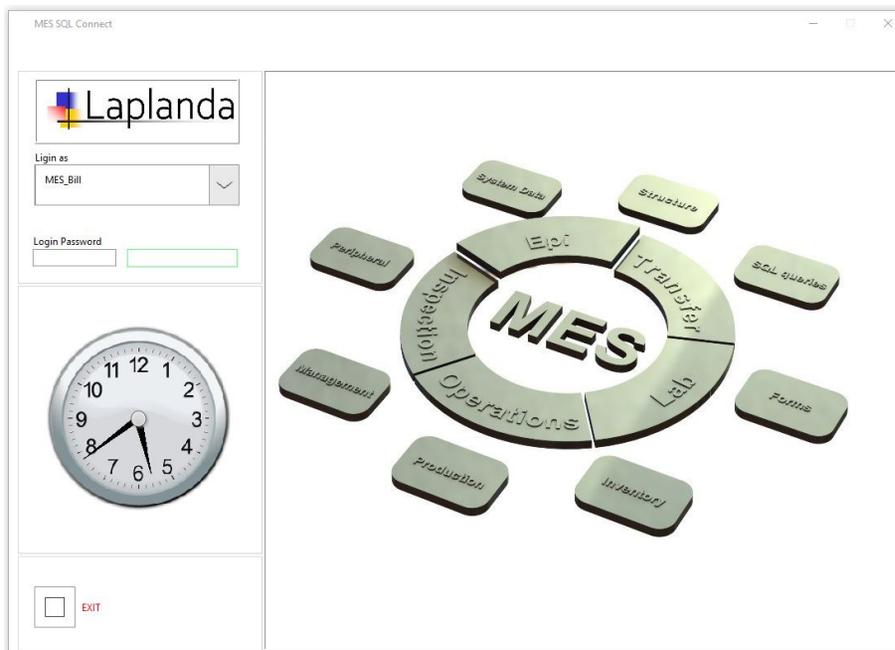


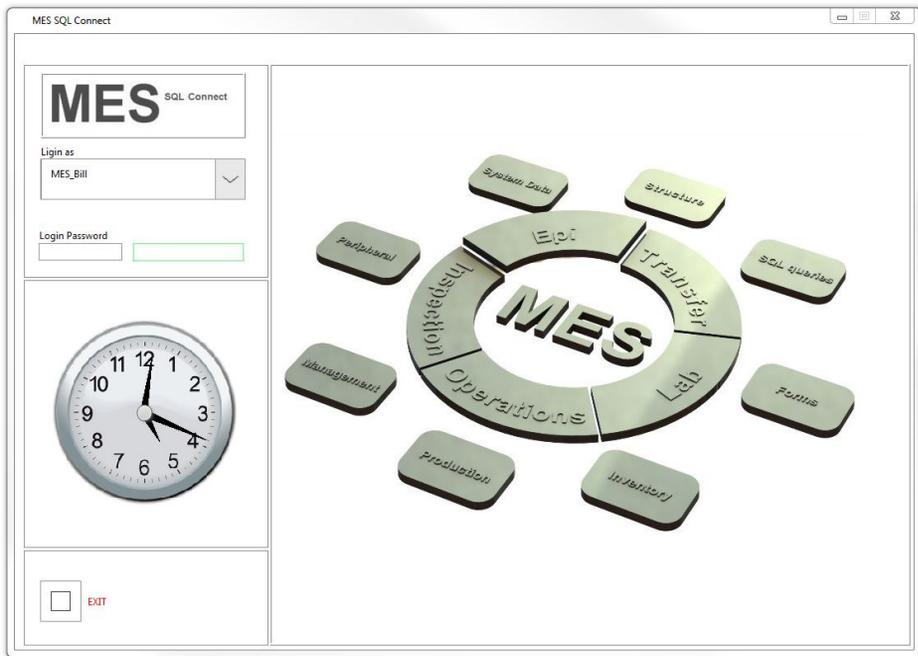
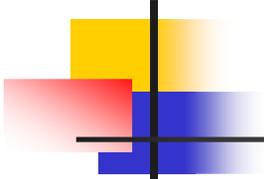
# Laplanda

[www.laplanda.com](http://www.laplanda.com)

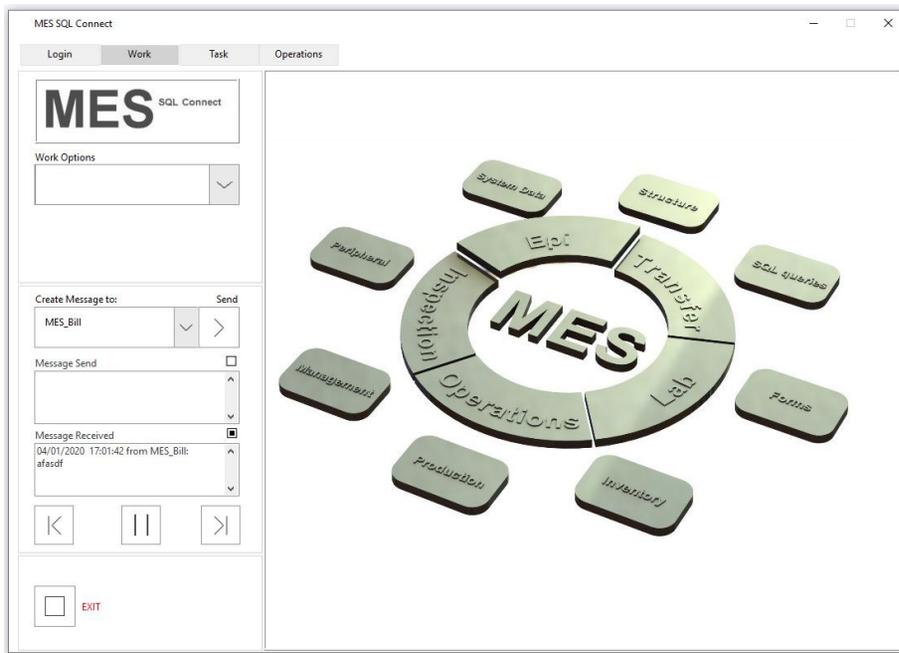


GUI and Guide of Manufacturing Execution System (MES) with SQL (Structured Query Language) BD (Database) Connectivity

## Structure



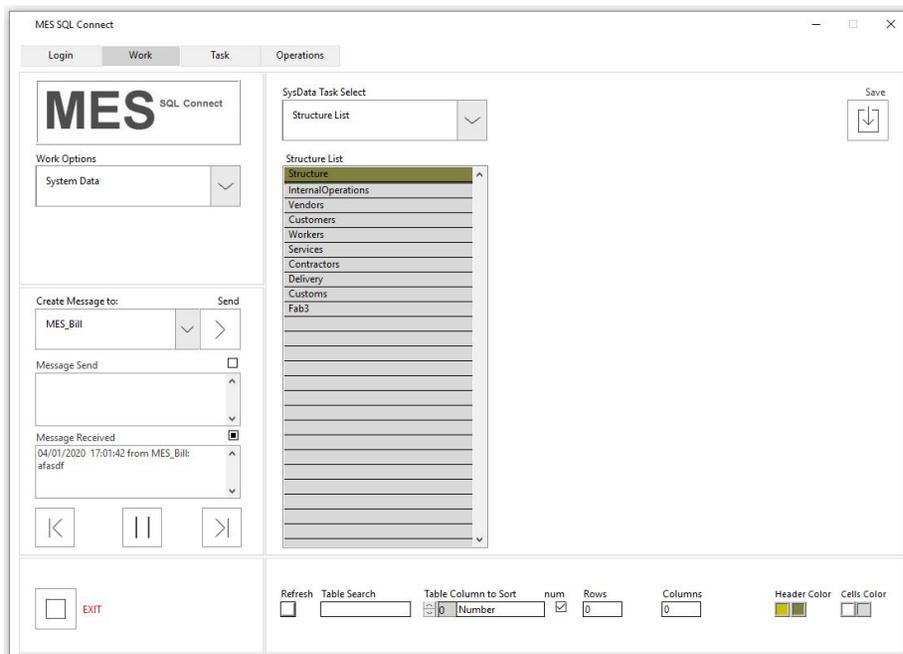
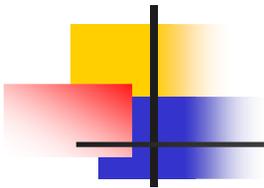
Welcome Tab



## Work: Working Options

- Structure
- DB Query
- Forms
- Inventory
- Production
- Manage
- Operations
- System Data
- SOP

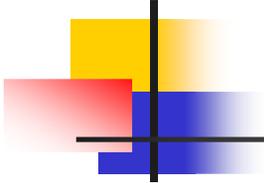




## Work: Working Options: System Data SysData Task Select: Structure List

Create your own Structure List in “Work/Work Options/System Data/SysData Task Select/Structure List”. Save

NOTE: Structure List contains all your Partners, Vendors, Contractors, Employees, Patients, Customers... who are involved in your Business activity, may have the purchase, deliver a service or goods, may be responsible for Inventory, Tasks, Operations end etc.



MES SQL Connect

Login Work Task Operations

**MES** SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID Address City State ZIP  
Contact  
Payment Type Payment Term Delivery Method WEB  
Product Customs License

ID	AddressID	CityID	StateID	ZIP	ContactID	PaymentType	PaymentTerm	DeliveryMethod	WEB	ProductID
MKS	12354 First St	Sunnyvale	CA	94089	Alex Warehouse tel 408-423-2345	COD	30NET	Overnight	www.mks.com	General merc
Sonoma	244 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouford tel 408-423-2345	COD	30NET	Overnight	www.mks.com	General merc
Best Product Inc	123 Separate View St	Milpitas	CA	96089	Claudia Sheppard tel 415-423-2345	NET-30	Wire Transfer	Overnight	www.rtk.com	General merc
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boolel tel 408-433-2345	COD	30NET	Overnight	www.mks.com	General merc

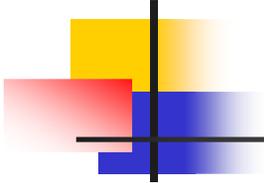
< Table >

EXIT

Refresh  Table Search  Table Column to Sort  num  Rows  Columns  Header Color  Cells Color

## Work: Working Options: Structure Structure List: Internal Operations

NOTE: The "ID" Fields column is using as identifier for any entry and is used as a unique name of the entire row



MES SQL Connect

Login Work Task Operations

MES SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID Address City State ZIP  
Sonoma 244 Second St Palo Alto CA 94089

Contact  
Sebastian Martinelly tel 408-523-2345

Payment Type Payment Term Delivery Method WEB  
NET 15 Overnight SHIPMENT www.sonoma.com

Product License  
Furniture ms 34 QX-981432

ID	AddressID	CityID	StateID	ZIP	ContactID	Product	Method	WEB	ProductID	
MKS	12354 First St	Sunnyvale	CA	94089	Alex Wareh		ght	www.mks.com	General merc	
Sonoma	244 Second St	Palo Alto	CA	94089	Sebastian M		ght SHIPMENT	www.sonoma.com	Furniture	
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouf		ght	www.mks.com	General merc	
Best Product Inc	123 Separate View St	Milpitas	CA	96089	Claudia Sheppard tel 415-423-2345	NET-30	Wire Transfer	Overnight	www.rtk.com	General merc
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boolel tel 408-433-2345	COD	30NET	Overnight	www.mks.com	General merc

ID "Sonoma" exists

Replace? New Entry? Cancel

EXIT

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

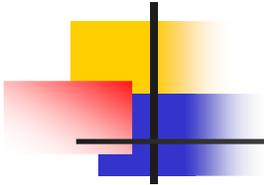
## Work: Working Options: Structure Structure List: Internal Operations

To start working with Table click the row, perform the Table search, sort, or direct enter the "ID". The program automatically will compare all "ID" in the table and will suggest all available operations to do.

In current image: "Sonoma" is found as an unique entry.

DIALOG: Replace? New Entry? Cancel?

NOTE: Dialog "x" sign has always the same function as a right Dialog button, the "Cancel" in this case



MES SQL Connect

Login Work Task Operations

**MES** SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID Address City State ZIP  
245 Second St Palo Alto CA 94089

Contact  
Sebastian Martinelly tel 408-523-2345

Payment Type Payment Term Delivery Method WEB  
NET 15 Overnight SHIPMENT www.sonoma.com

Product License  
Furniture RD-8234 QX-981432

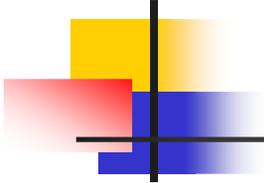
ID	AddressID	CityID	StateID	ZIP	ContactID	PaymentType	PaymentTerm	DeliveryMethod	WEB	ProductID
MKS	12354 First St	Sunnyvale	CA	94089	Alex Warehouse tel 408-423-2345	COD	30NET	Overnight	www.mks.com	General merc
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouford tel 408-423-2345	COD	30NET	Overnight	www.mks.com	General merc
Best Product Inc	123 Separate View St	Milpitas	CA	96089	Claudia Sheppard tel 415-423-2345	NET-30	Wire Transfer	Overnight	www.rtk.com	General merc
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boolel tel 408-433-2345	COD	30NET	Overnight	www.mks.com	General merc

EXIT

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

Work: Working Options: Structure  
Structure List: Internal Operations

Function: Replace  
Change or re-enter  
Save



MES SQL Connect

Login Work Task Operations

**MES** SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID Address City State ZIP  
245 Second St Palo Alto CA 94089

Contact  
Sebastian Martinelly tel 408-523-2345

Payment Type Payment Term Delivery Method WEB  
NET 15 Overnight SHIPMENT www.sonoma.com

Product Customs License  
Furniture RD-8234 QX-981432

ID	AddressID	CityID	StateID	ZIP	ContactID	PaymentType	PaymentTerm	DeliveryMethod	WEB	ProductID
MKS	12354 First St	Sunnyvale	CA	94089	Alex Warehouse tel 408-423-2345	COD	30NET	Overnight	www.mks.com	General merc
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouford tel 408-423-2345	COD	30NET	Overnight	www.mks.com	General merc
Best Product Inc	123 Separate View St	Milpitas	CA	96089	Claudia Sheppard tel 415-423-2345	NET-30	Wire Transfer	Overnight	www.rks.com	General merc
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boolet tel 408-433-2345	COD	30NET	Overnight	www.mks.com	General merc
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture

< Table >

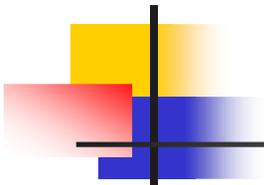
EXIT

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

Number 7 15

Work: Working Options: Structure  
Structure List: Internal Operations

Function: New Entry  
Change or re-enter  
Save



MES SQL Connect

Login Work Task Operations

MES SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID Global Network Address City State ZIP  
Contact  
Payment Type Payment Term Delivery Method WEB  
Product Customs License

ID	AddressID	CityID	StateID	ZIP	ContactID	Payment Type	Payment Term	Delivery Method	WEB	ProductID
MKS	12354 First St	Sunnyvale	CA	94089	Alex Wareh	30NET	15	Overnight	www.mks.com	General merc
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian M	15	15	Overnight SHIPMENT	www.sonoma.com	Furniture
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouf	30NET	15	Overnight	www.mks.com	General merc
Best Product Inc	123 Separate View St	Milpitas	CA	96089	Claudia She	Wire Transfer	15	Overnight	www.mks.com	General merc
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian M	15	15	Overnight SHIPMENT	www.sonoma.com	Furniture
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boole	30NET	15	Overnight	www.mks.com	General merc
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture

ID "Global Network" is new  
New entry will be created  
OK

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

EXIT

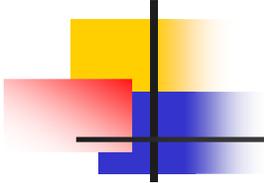
## Work: Working Options: Structure Structure List: Internal Operations

Function: New Entry

Enter all fields

Save

NOTE: All fields must be filled in, see next slide



MES SQL Connect

Login Work Task Operations

**MES** SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID: Global Network Address: 28346 Bolean Dr City: Los Angeles State: CA ZIP: 94058

Contact  
Tommi Sullivan Phone 409-456-4567, email tommy@sullyvan.com

Payment Type: NET Payment Term: 30 Delivery Method: Overnight WEB: n/a

Product: General merchandize Customs: n/a License:

ID	AddressID	CityID	StateID	ZIP	ContactID	PaymentType	PaymentTerm	DeliveryMethod	WEB	ProductID
MKS	12354 First St	Sunnyvale	CA	94089	Alex Wareh	30NET	Overnight	Overnight	www.mks.com	General merc
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian M	15	Overnight SHIPMENT	Overnight	www.sonoma.com	Furniture
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouf	30NET	Overnight	Overnight	www.mks.com	General merc
Best Product Inc	123 Separate View St	Milpitas	CA	96089	Claudia She	Wire Transfer	Overnight	Overnight	www.mks.com	General merc
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian M	15	Overnight SHIPMENT	Overnight	www.sonoma.com	Furniture
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boolei	30NET	Overnight	Overnight	www.mks.com	General merc
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martine	NET	15	Overnight SHIPMENT	www.sonoma.com	Furniture

All fields must be filled in

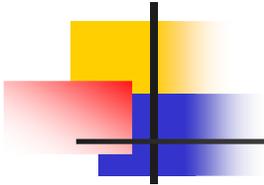
OK

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

EXIT

## Work: Working Options: Structure Structure List: Internal Operations

New Entry from scratch  
All fields must be filled in.  
Save



MES SQL Connect

Login Work Task Operations

**MES** SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID Address City State ZIP  
28346 Bolean Dr Los Angeles CA 94058

Contact  
Tommi Sullyvan Phone 409-456-4567, email tommy@sullyvan.com

Payment Type Payment Term Delivery Method WEB  
NET 30 Overnight n/a

Product Customs License  
General merchandize n/a n/a

ID	AddressID	CityID	StateID	ZIP	ContactID	PaymentType	PaymentTerm	DeliveryMethod
MKS	12354 First St	Sunnyvale	CA	94089	Alex Warehouse tel 408-423-2345	COD	30NET	Overnight
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouford tel 408-423-2345	COD	30NET	Overnight
Best Product Inc	123 Separate View St	Milpitas	CA	94089	Claudia Sheppard tel 415-423-2345	NET-30	Wire Transfer	Overnight
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boollet tel 408-433-2345	COD	30NET	Overnight
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinelly tel 408-523-2345	NET	15	Overnight SHIPMENT
Global Network	28346 Bolean Dr	Los Angeles	CA	94058	Tommi Sullyvan Phone 409-456-4567, email tommy@sullyvan.com	NET	30	Overnight

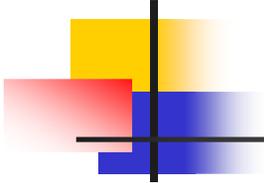
< Table >

EXIT

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

## Work: Working Options: Structure Structure List: Internal Operations

New Entry created



MES SQL Connect

Login Work Task Operations

**MES** SQL Connect

Work Options  
Structure

Structure List  
InternalOperations

Clear Save

ID Address City State ZIP  
28346 Bolean Dr Los Angeles CA 94058

Contact  
Tommi Sullyvan Phone 409-456-4567, email tommy@sullyvan.com

Payment Type Payment Term Delivery Method WEB  
NET 30 Overnight n/a

Product Customs License  
General merchandize n/a n/a

ID	AddressID	CityID	StateID	ZIP	ContactID	PaymentType	PaymentTerm	DeliveryMethod	
First Call Co	123 Second Blvd	Palo Alto	CA	94089	Sinty Crouford tel 408-423-2345	COD	30NET	Overnight	v
Best Product Inc	123 Separate View St	Milpitas	CA	96089	Claudia Sheppard tel 415-423-2345	NET-30	Wire Transfer	Overnight	v
Sonoma Second	244 Second St	Palo Alto	CA	94089	Sebastian Martinely tel 408-523-2345	NET	15	Overnight SHIPMENT	v
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinely tel 408-523-2345	NET	15	Overnight SHIPMENT	v
Sonoma	245 Second St	Palo Alto	CA	94089	Sebastian Martinely tel 408-523-2345	NET	15	Overnight SHIPMENT	v
MKS	12354 First St	Sunnyvale	CA	94089	Alex Warehouse tel 408-423-2345	COD	30NET	Overnight	v
MKS	12354 Second St	Sunnyvale	CA	94089	Sam Boolel tel 408-433-2345	COD	30NET	Overnight	v
Global Network	28346 Bolean Dr	Los Angeles	CA	94058	Tommi Sullyvan Phone 409-456-4567, email tommy@sullyvan.com	NET	30	Overnight	n

Table

EXIT

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

AddressID 8 15

## Work: Working Options: Structure Structure List: Internal Operations

“Table Columns to Sort” Function: AddressID





MES SQL Connect

Login Work Task Operations

**MES** SQL Connect

Work Options  
Manage

Manage Options  
Manage User Log

Manage User Log  
LogUserAll

TransactionID	TransactionName	TransactionDateTime					
229	MES_Brian-Login	04/05/2020 17:32:10					
230	MES_Brian-Operations Started	04/05/2020 17:32:12					
231	MES_John-Login	04/05/2020 17:32:31					
232	MES_John-Task Report sent	04/05/2020 17:47:47					
233	MES_John-TaskArchive MES_John	04/05/2020 18:03:57					
234	MES_Bill-Login	04/05/2020 18:08:50					
235	MES_Bill-Table "StructureInternalOperations" created	04/05/2020 19:11:28					
236	MES_Bill-Table "StructureInternalOperations" ID "MKS" append	04/05/2020 19:11:46					
237	MES_Bill-Table "StructureInternalOperations" created	04/05/2020 19:12:56					
238	MES_Bill-Table "StructureVendors" created	04/05/2020 19:13:02					
239	MES_Bill-Table "StructureInternalOperations" created	04/05/2020 19:13:06					
240	MES_Bill-Table "StructureInternalOperations" ID "Sonoma Second" updated	04/05/2020 19:13:29					
241	MES_Bill-Table "StructureInternalOperations" created	04/05/2020 19:14:10					
242	MES_Bill-Table "StructureVendors" created	04/05/2020 19:14:13					
243	MES_Bill-Table "StructureVendors" ID "Visa Holder Inc" updated	04/05/2020 19:14:31					

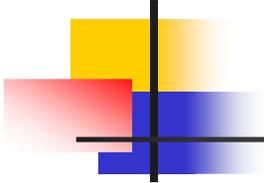
EXIT

Refresh Table Search Table Column to Sort num Rows Columns Header Color Cells Color

4  Task Parameter 1  244  3

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

Check User Log.  
 Find the transaction.  
 Print Tag of transaction made



MES\_Bill Report



Column	Value
Transaction ID	243
Transaction Name	MES_Bill-"StructureVendors" ID "Visa Holder Inc" updated
Transaction Time	04/03/2020 19:14:31
Transaction Made By	UserAll

MES\_SQL\_Connectivity Report Generation

Laplanda-USA confidential

[www.laplanda.com](http://www.laplanda.com)

Print: Report

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

Return to Program...