Laplanda



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

Login and Messages







DIALOG: "config.ini" file is missing

After the launch, the Program found that "config.ini" file is missing in root folder "data\config.ini"

The "config.ini" is a configuration file that collects all settings for initiation of business model.

If "config.ini" file is empty or just created, the "Admin" login require to set the User's access and privileges.

The permanent "Admin" password is: 522577

In order to change the permanent Admin password please request the proprietary image of the software at <u>www.laplanda.com</u>



DIALOG: "Database" file is missing

After the launch, the Program found that expected Database file is missing in root folder "data\db\db_1.mdb"

The "db_1.mdb" is MS Access database file that collects and retrieves all data.

If "db_1.mdb" file has different location or has another name, the "Admin" login require to set the working Instruction. The permanent "Admin" password is: 522577



DIALOG: "Database" file is missing

After the launch, the Program found that expected Database file is missing in root folder "data\db\db_1.mdb" The "db_1.mdb" is MS Access database file that collects and retrieves all data. If "db_1.mdb" file has different location or has another name, the "Admin" login require to set the working Instruction. The permanent "Admin" password is: 522577 In order to change the permanent Admin password please request the proprietary image of the software at

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IES SQL Connect	
	Access 97 Sandard accurity Provider=MicrosoftJet.OLEDB.4.0;Data Source=C\mydatabase.mdb;UserId=admin;Password=;
	With database password This is the connection string to use when you have an access database protected with a password using the Set Database Password function Access.
	Provider=Microsoft.Jet.OLEDB.4.0;Data Source=C:\mydatabase.mdb;Jet OLEDB:Database Password=MyDbPassword;
Login Password	Some reports of problems with password longer than 14 characters. Also that some characters might cause trouble. If you are having proble try change password to a short one with normal characters.
Admin	Workgroup (system database)
DD Instanting China	Provider=Microsoft.Jet.OLEDB.4.0;Data Source=C:\mydatabase.mdb;Jet OLEDB:System Database=system.mdw;
To use DB_Default_Instruction press "Save",	Workgroup (system database) specifying username and password
otherwise create your own Instruction HERE	Provider=Microsoft.Jet.OLEDB.4.0;Data Source=C\mydatabase.mdb;Jet.OLEDB:System.Database=system.mdw;User ID=myUsername;Password=myPassword;
DP Default Jacka dias	DataDirectory functionality
Provider=Microsoft.Jet.OLEDB.4.0;Data	Provider=Microsoft.Jet.OLEDB.4.0;Data Source= DataDirectory \myDatabase.mdb;User Id=admin;Password=;
Source="C:\Program Files (x86)\ LAPLANDA_MES_SQL_Connect\data\db\ db_1.mdb";Jet OLEDB:Database	Network: Location Provider=Microsoft.Jet.OLEDB.4.9;Data Source=\\serverName\shareName\folder\myDatabase.mdb;User Id=admin;Password=;
Password=322377;	Using RDS (MS Remote)
Save	ALLES Valaubac Viennin Fr. Hou muss elup no son une seven lor nis lo voin. Provider=MS Remote Remote Provider=Microsoft.Jet.OLEDB.4.0,Remote Server=http://server.adress.com;Data Source=d\myPath\ myDatabase.mdf;
	Exclusive Exclusive Used to get exclusive access to the database if you, for instance, want to let the application be able to reset the database password.
	Provider=Microsoft.Jet.OLEDB.4.0;Data Source=C:\mydatabase.mdb;Mode=Share Exclusive;User Id=admin;Password=;
EXIT	Access 2000 Standard security

ALARM: "Database" file is missing

After the launch, the Program found that expected Database file is missing in root folder "data\db\db_1.mdb" If "db_1.mdb" file is located in the root folder and its name is not changed, just confirm just confirm by pressing "Save" After pushing the "Save" button, the Instruction will be created as Appropriate and saved as an encrypted string in "config.ini" file. If "db_1.mdb" file has different location on your PC or your network, has another name or credential please create your own instruction using the Guide located in the right GUI screen. The sample MS Access Database file "db_1.mdb" has a password.

The password for this file is the same, as an "Admin" password. Both passwords are the same just because to simplify the Program setup.

The password for sample database file "db_1.mdb" is: 522577 This database password can be always changed using MS Access menu.

HDR=Yes:" indicates that the first row contains columnnames, not data, "HDR=No;" indicates the opp 'IMEX=1;" tells the driver to always read "intermixed" (numbers, dates, strings etc) data columns as text. Note that this option might affect Laplanda Intersery is the arrive to analysise internated (numbers, dates, snings etc) data countries as text. Note that this option might arrect excel sheet with access negative.
SQL syntax "SELECT [Column Name One], [Column Name Two] FROM [Sheet OneS]". i.e. excel worksheet name followed by a "\$" and wrapped " "]" brackets. in "[1"] "prackets. "SELECT " RNM (Sheet15a5:d]", start picking the data as of row 5 and up to column D. Check out the [HKEY_LOCAL_MACHINESOFTWARE]MicrosoftU44.0iEngines/Excel] located registry REG_DWORD "TypeGuessRows". That's the key to not etimal Excel use only the first 8 rows to guess the columns data type. Set this value to 0 to scan all rows. This might hurt performance. Please also note that adding the IMIX=1 option might cause the IMEX feature to set in after just 8 rows. Use IMEX=0 instead to be sure to force the registry TypeGuessRows=0 (scan all cours) to work. If the Excel workbook is protected by a password, you cannot open if for data access, even by supplying the correct password with your X Login Pa Error to locate DB file or encrypted The System is not working without NS Access DB file This forral som my have an issue with possession of the folder Try take all working folders under posession or ruse another application location Error 8 occurred at Open/Create/Figues File in NL/Uconfig.VilibSave Config File.vi->NL/UConfig.Ivilib:Close Config Dataxi- >MES_SQL_Connect_Rev133.vi Admin 0;HDR=Yes;IMEX=1"; DB_Instruction String B; section in the beginning of the string. To use DB_Default_Instruction press "Save" otherwise create your own Instruction HERE Excel 8.0;HDR=Yes;IMEX=1"; Possible reason(s): LabVIEW: (Hex 0x8) File permission error. You do not have the correct permissions for the es the opposite. nns as text. Note that this option might affect file DMA hardware error detected. DB Default Instruction tel worksheet name followed by a "\$" and wrapped Source="C:\Program Files (x86)\ LAPLANDA_MES_SQL_Connect\data\db\ db__1.mdb";Jet OLEDB:Database C:\Program Files (x86)\LAPLANDA MES SQL Connect\data\config.ini d registry REG DWORD "TypeGuessRows". That's alue to 0 to scan all rows. This might hurt to set in after just 8 rows. Use IMEX=0 instead to be OK The Excel order regardy approximate proteins of the second open it for data access, even by supplying the correct password with your connection string. If you try, you receive the following error message: "Could not decrypt file." Save $[\downarrow]$ xcel 2003 Standard alternativ Fry this one if the one above is not working. Some reports that Excel 2003 need the exta OLEDB; section in the beginning of the string. OLEDB:Provider=MicrosoftJet.OLEDB.4.0:Data Source=C:\MvExcel.xls:Extended Properties="Excel 8.0:HDR=Yes:IMEX=1": "HDR=Yes;" indicates that the first row contains columnnames, not data. "HDR=No;" indicates the oppo EXIT "IMEX=1;" tells the driver to always read "intermixed" (numbers, dates, strings etc) data columns as text. Note that this option might affect excel sheet write access negative. SQL syntax "SELECT [Column Name One], [Column Name Two] FROM [Sheet One§]". I.e. excel worksheet name followed by a "\$" and wrapped in "[" "]" brackets.

MES SOL Connect

DIALOG: "Error to locate Database file"

After the launch, the Program found that expected Database file is missing in root folder "data\db\db_1.mdb"

If "db_1.mdb" file is located in the root folder and its name is not changed, just confirm just confirm by pressing "Save"

After pushing the "Save" button, the Instruction will be created as Appropriate and saved as an encrypted string in "config.ini" file. If "db_1.mdb" file has different location on your PC or your network,

has another name or credential please create your own instruction using the Guide located in the right GUI screen.

The sample MS Access Database file "db_1.mdb" has a password. The password for this file is the same, as an "Admin" password. Both passwords are the same just because to simplify the Program setup.

Error message explains the problem. Correct and continue.



Login

If you have User's credential, login as privileged User. If you do not have the User's credential, login as "Admin" and create ones in "Work/Work Options/System Data/SysData Task Select/Users Password and Access".

MES SQL Cor	nnect										-	
Login	W	ork Task	Ope	rations								
Μ	ES	SQL Connect	Syr	sData Task Select Users Password i	ind Access		~					Sav
Work Ontion	<.											
System Da	ta	\checkmark										
Jser Name	Password	First and Last Name	Department	Function	Кеу	Login	Work Structure	Work DB Query	Work Forms	Work Inventory	Work Production	Work Ma
AES_Bill	123	BillCoen	Office	CEO	Management	Х	Х	Х	Х	Х	Х	Х
AES_Mary	123	MaryWinstead	Fab1	Epi	Engineer	Х	Х	Х	X	Х	X	Х
AES_Elizabeth	123	ElizabethWarren	Production	MS1,MS2	Engineer	Х	Х	-	-	-	X	Х
1ES_John	123	JohnTurturro	Fab2	Epi	Engineer	-	-	Х	X	X	X	
IES_Ashley	123	AshleyMoss	Fab2	Epi	Engineer	-	-		-		-	
AES_Brian	123	BrianLee	Sale	Relations, Test	Engineer	-	-	-	-	-	-	-
IES_Sidney	123	SydneyCrosby	Fab1	Epi	Technitian	-	-		5 1	1	-	-
1ES_Natalya	123	NatalyaBailey	Production	MS3	Engineer	Х	х	Х	X	X	X	Х
IES_Alex	123	AlexBouja	Production	MS4	Engineer	х	х	Х	X	Х	X	X
IES_Suzanne	123	SuzanneSanto	Fab2	Inspection	Engineer	-	-	-	-	-	-	-
1ES_Leslie	123	LeslieJamison	Warehouse	Operations	Manager	X	X	X	X	X	X	X
Table		Ι		1		1	1	1	I	1	1.	1
EX	лт		Ref	resh Table Sear	ch T.	able Col	umn to Sort lumber	num Rows	Co 21	lumns	Header Color	Cells Col

Create User's credential

If you have User's credential, login as privileged User.

If you do not have the User's credential, login as "Admin" and create ones in "Work/Work Options/System Data/SysData Task Select/Users Password and Access". Use "X" as an indicator of available function for particular User. Save.



Login Tab, Message Center.

Create Message to: and Send Check the response messages Answer to not read messages Alarm by Color boolean of Read/Not Read



Login Tab, Message Center.

Create Message to: and Send Check the response messages Answer to not read messages Alarm by Color boolean of Answered/not Answered

MES SQL Connect			-	• ×
Login Work	Task	Operations		
MES [®]	2L Connect	SysData Task Select Alarm Refnum		Save
Work Options		AlarmString Shared Variable Refnum		
System Data	\sim	 ni.var.psp://localhost/MES_MessageAlarm/MES_MessageAlarmString AlarmNumber Shared Variable Refnum 		
		nivar.psp://localhost/MES_MessageAlarm/MES_MessageAlarmNumberU16 NumericSent NumericReceived ⊡[1 1 1		
Create Message to:	Send	NumericError		
MES_Bill	\sim >			^
Message Send	^	StringError		^ •
Message Received 04/01/2020 17:01:42 from MES afasdf	_Bill:			
K	X			
EXIT		Refresh Table Search Table Column to Sort num Rows Columns	Header Color	Cells Color

Message Center.

Check for Errors in "Work/Work Options/System Data/SysData Task Select/Alarm Refnum". Send "Numeric" and see the response over your network.

If you have Message errors establish the pass to Alarm Shared Variables Refnums and Save.