

MacromatiX – LiveLink

LiveLink is the process to integrate the MacromatiX system to the Retail Office Database.

Contents

Overview of how Macromatix interface with Retail Office	2
LiveLink Installation	4
Configuring the MX.Config File	17
Registering the LiveLink	20
Accessing the MacromatiX website	22





Overview of how Macromatix interface with Retail Office

1. WPRO (QSR Till Software)

Sales are recorded on each individual till on a local database, providing redundancy. Each Till operates independently without a network or without a server, allowing for a greater up-time in store. The sales remain on the Till indefinitely and can be audited for the life time of the terminal.

2. Retail Office (In-store Back Office Software)

The Retail Office Software in the store pulls the sales information from the Tills and consolidates.

Retail Office maintains:

- Sales Item Configurations (Menu Items, Departments, Cooking Instructions, Meals, etc.)
- Cashier and Manager Security
- Channel Names (Sit Down, Take Away, Drive Thru, Kiosk, Online, Uber-Eats, Mr.D)
- Other options (Tax Details, Store code, Branch Details, etc.)

These actions are performed on Retail Office:

- Transmitting of Menu and Promotions
- Cashup of Cashiers and Tills
- DayEnd (Shift-End) to close and clear all the tills in the store for the next business-date.

3. Back Office to/from Till Communications

Communication to the Tills (Transmission of Menu, Cashier, Options) is done over TCP/IP using a proprietary communications module.

The Sales are imported from the Tills using Firebird Database.

For the communications to run correctly the **Sales Importer** service should be running. This polls every till for information every couple of seconds. It ensures that all Sales are imported into the Back Office for collection by LiveLink.

4. Retail Office Enterprise (Enterprise Software)

The Enterprise version of the software works exactly like the software in store, but it is used to maintain Sales Item Configurations and information for regions country wide.



5. Enterprise to/from Store Communications

Communication between the Enterprise and Store solution is handled through the **EnterpriseAgent** service. This makes use of a Firebird Remote Database that is accessible from the store and the head office, without the need for a direct VPN. New promotions or changes in the Menu and Sales Channels requires this module to operate effectively.

6. LiveLink

LiveLink polls the Retail Office Database on a configurable interval (10minutes) and collects any new sales information, cash-up information and day end information. This information is pushed up to MacromatiX.

7. MX – MacromatiX

All Stock, Cashier Declarations, Purchases and Scheduling is handled by MacromatiX.



LiveLink Installation

(Basic understanding not to be installed by technicians at the moment)

LiveLink is the process to integrate the MacromatiX system to the Retail Office Database. The following steps must be applied to understand and complete the installation process:

Requirements for the installation

- .NET Framework 2.0 or newer.
- SQL Server Express (Version 2008 2019).
- The Firebird ODBC driver must be installed on the machine.
- The restaurant entity must be created in the EBO Desktop.
- The POS Polling page in EBO must be pre-configured for the auto activation to be successful.

LiveLink activation

- Setup the Store information and polling details in EBO Created by MacromatiX.
- Install and configure the LiveLink application.

Setting up Store and polling details

Sales information will not display in EBO unless the setup of Store and polling details have been completed.

Creating a store and configuring Polling is done by the MacromatiX Admin team.

Installation of LiveLink

Make sure to have the following before starting:

- LiveLink Installer.msi
- Setup.exe
- Mx.config
- Run.bat (setup.bat)
- MSSQL Express
- Firebird ODBC

Ensure that the LiveLink installation package contains LiveLinkInstaller.msi

SQL server express must be installed before the start of the installation



Step 1:

• Ensure that firebird ODBC installer is available



• Run the installer and select Next >

	Welcome to the Firebird ODBC Driver Setup Wizard
\sim	This will install Firebird ODBC driver 2.0.5.156 on your computer.
	It is recommended that you close all other applications before continuing.
	Click Next to continue, or Cancel to exit Setup.

🔂 Setup - Firebird ODBC Driver 🔹 —	×
License Agreement Please read the following important information before continuing.	2
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
Initial Developer's PUBLIC LICENSE Version 1.0	^
1. Definitions	
1.0 "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.	
1.1 "Contributor" means each entity that creates or contributes to the creation of Modifications.	~
 I accept the agreement I do not accept the agreement 	
< Back Next >	Cancel

• Select I accept the agreement followed by Next >



🔀 Setup - Firebird ODBC Driver —		×
Information . Please read the following important information before continuing.	6	D
When you are ready to continue with Setup, click Next.		
The IBPhoenix Firebird ODBC Driver Installation	~	
The installer presents 3 installation options:		
o Developer Install o Deployment Install o Documentation Install		
General Notes on installing the Driver		
ODBC Drivers live in the WINDOWS System32 (<sys>) directory. When the installer prompts you to choose an installation directory it is really asking you where you want the documentation installed.</sys>	~	
< Back Next >	Cano	el

• Select **Next >** on the driver Installation screen

👸 Setup - F	irebird ODBC D	river				_		×
Select D	ectination Loc	ation						2
Select D							- (251
where	should Firebird (DDBC Driver be in	nstalled?				<u> </u>	U
l	Setup will insta	all Firebird ODBC	Driver in	to the follo	wing folder	r.		
To con	itinue, click Next.	If you would like	e to selec	t a differen	it folder, d	lick Brov	vse.	
C:\Pro	ogram Files (x86)	Firebird_ODBC				Bro	wse	
At leas	st 1.0 MB of free	disk space is requ	uired.					
				< Back	Next	>	Can	icel

- Ensure that the installation pathway is correct (Highlighted in blue above)
- Firebird ODBC must be installed in (C:\Program Files (x86)\Firebird_ODBC)
- Should Firebird ODBC be installed in (C:\Program Files\Firebird_ODBC) a possible conflict can occur with the existing firebird
- Once Pathway is correct select Next >



🔂 Setup - Firebird ODBC Driver	-		×
Select Components Which components should be installed?		(3
Select the components you want to install; clear the components you install. Click Next when you are ready to continue.	ı do not	t want to	
Developer install - register driver in System Dir. Install documentation	n to pro	ogram ç 🗸	/
< Back Next	:>	Car	ncel

- Ensure Developer install is selected
- Select Next >

🛃 Setup - Firebird ODBC Driver	_		×
Select Start Menu Folder Where should Setup place the program's shortcuts?			٢
Setup will create the program's shortcuts in the following Sta	art Mer	nu folder	
To continue, click Next. If you would like to select a different folder,	click Br	owse.	
Firebird \Firebird ODBC Driver	В	rowse	
< Back Next	>	Ca	ancel

• Select **Next >** to add program to shortcuts.



🔀 Setup - Firebird ODBC Driver 🛛 🗌	×
Ready to Install * Setup is now ready to begin installing Firebird ODBC Driver on your computer.	٢
Click Install to continue with the installation, or click Back if you want to review or change any settings.	
Destination location: C:\Program Files (x86)\Firebird_ODBC	^
Setup type: Developer install - register driver in System Dir. Install documentation to prog	
Selected components: Install driver to C:\Windows\system32 Documentation in CHM and HTML format	
Start Menu folder: Firebird \Firebird ODBC Driver	~
< >	
< Back Install C	ancel

- Confirm destination location, Setup type, selected components and startup menu folder
- Select **Install** if correct. Should any information be incorrect, go through the previous steps again.

🔂 Setup - Firebird ODBC Driver —		\times
Information Please read the following important information before continuing.	(D
When you are ready to continue with Setup, click Next.		
Firebird ODBC Driver v2.0 Readme	^	
o What's new o Installation o Configuration o Known Issues o Feedback		
What's New		
Welcome to the latest release of the Firebird ODBC driver. This release sees many significant advances in the driver. Notable changes are:	v	
Next >		

• Select Next >

🔀 Setup - Firebird ODBC Drive	r — 🗆 🗙
	Completing the Firebird ODBC Driver Setup Wizard
	Setup has finished installing Firebird ODBC Driver on your computer. The application may be launched by selecting the installed icons.
	Click Finish to exit Setup.
	View Readme.txt
	< Back Finish

• Select Finish – the installation is now complete



Step 2:

Install SQL Express. This is important for LiveLink to interface with the MacromatiX database.

NB: SQL Express version that can be used must from 2010 and upward

- Run the installer
- Choose Directory For Extracted Files
 Choose Directory For Extracted Files

 NQSR SDM 2020\MX\Live link\SQLEXPR_x64_ENU\
 Ok
 Cancel
 Browse...
- Select OK



• The installer will start extracting

1 SQL Server Installation Center	
Planning	New SQL Server stand-alone installation or add features to an existing installation
Installation	Launch a wizard to install SQL Server 2019 in a non-clustered environment or to add
Maintenance	reatures to an existing SQL Server 2019 Instance.
Tools	Install SQL Server Reporting Services
Resources	Launch a download page that provides a link to install SQL Server Reporting Services. An internet connection is required to install SSRS.
Options	Install SQL Server Management Tools
	Launch a download page that provides a link to install SQL Server Management Studio, SQL Server command-line utilities (SQLCMD and BCP), SQL Server PowerShell provider, SQL Server Profiler and Database Tuning Advisor. An internet connection is required to install these tools.
	Install SQL Server Data Tools Launch a download page that provides a link to install SQL Server Data Tools (SSDT). SSDT provides Visual Studio integration including project system support for Microsoft Azure SQL Database, the SQL Server Database Engine, Reporting Services, Analysis Services and Integration Services. An internet connection is required to install SSDT.
	Upgrade from a previous version of SQL Server
	Launch a wizard to upgrade a previous version of SQL Server to SQL Server 2019. Click here to first view Upgrade Documentation
Microsoft SQL Server 2019	

• Select "New SQL Server stand-alone installation..."



• The installation will startup, select Next >



• Select Product Updates



📸 SQL Server 2019 Setup			_		×
Product Updates					
Always install the latest update	es to enhance your SQL Server security and performance.				
Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	 SQL Server Setup could not search for updates throug check again or click Next to continue. To troubleshood the link below, ensure you have Internet or network a can find updates interactively through the Windows U Error <u>0x8024402C</u>; Exception from HRESULT: 0x8024. <u>Read our privacy statement online</u> <u>Learn more about SQL Server product updates</u> 	gh the Windows I ot issues with you access, and ensur Jpdate control pa 402C	Update service. Yo r Windows Update e your Windows U nel.	u can eith service, \ pdate ser	er vice again
		< Back	Next >	Cance	el .:

• No need to search for updates, select Next >

髋 SQL Server 2019 Setup			-		×
Install Setup Files					
If an update for SQL Server Set	up is found and specified to be incl	uded, the update will be installed.			
Global Rules					
Microsoft Update					
Product Updates	Task	Status			
Install Setup Files	Install Setup files	Not started			
Install Rules					
Installation Type					
License Terms					
Feature Selection					
Feature Rules					
Feature Configuration Rules					
Installation Progress					
Complete					
		< Back N	ext >	Cance	

• Allow the installation to start



髋 SQL Server 2019 Setup					_		×
Installation Type Perform a new installation or ac	dd features to an existi	ng instance of SQL Serve	er 2019.				
Global Rules Microsoft Update Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress	 Perform a new in: Select this option components. Add features to a SQLEXPRESS Select this option want to add the within an instance Installed instances: Instance Name SQLEXPRESS MSSQLSERVER 	stallation of SQL Server 2 if you want to install a n existing instance of SQ if you want to add feat Analysis Services feature e must be the same editi Instance ID MSSQL15.SQLEXPR MSSQL15.MSSQLS	019 new instance of SQL S L Server 2019 ures to an existing insis s to the instance that on. Features SQLEngine,SQLEn SQLEngine,SQLEn	erver or want to in tance of SQL Serv contains the Data Edition Express Express	er. For exa base Engin Ver 15.(15.(ed mple, you ne. Featur sion .2000.5	es
Complete	MSSQLEXPRESS	MSSQL15.MSSQLE	SQLEngine, SQLEn	Express ack. Next	15.0 t>	Cancel	

- Select Perform a new installation of SQL Server 2019
- Select Next >

License Terms To install SQL Server 2019, yo	u must accept the Microsoft Software License Terms.	~
Global Rules Microsoft Update Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Instance Configuration Server Configuration	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2019 EXPRESS These license terms are an agreement between you and Microsoft Corporation (or one of its affiliates). They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft services or software updates (except to the extent such services or updates are accompanied by new or additional terms, in which case those different terms apply prospectively and do not alter your or Microsoft's rights relating to pre-updated software or services). IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW FOR EACH SERVER YOU PROPERLY LICENSE. BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU	^
Feature Configuration Rules	RETAILER FOR A REFLIND OR CREDIT. If you cannot obtain a refund there, contact	• /~
Complete	Copy F I accept the license terms and Privacy Statement SQL Server transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the documentation.	rint
	< Back Next > Cancel	

• Accept the license terms and select Next >



Feature Selection Select the Express features to i	install.			~			
Global Rules Microsoft Update Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress	Cooking for Reporting Servit Features: Database Engine Services	ces? <u>Download it fr</u> ; n SDK	it from the web Feature description: The configuration and operation of each instance feature of a SQL Server instance is Prerequisites for selected features: Already installed: Windows PowerShell 3.0 or higher Microsoft Visual C++ 2017 Redistributable. Disk Space Requirements Drive C: 1003 MB required, 190044 MB available				
Complete	Select All Unselect All Instance root directory: Shared feature directory (x86):	C:\Program Files\M C:\Program Files\M C:\Program Files (xi	ticrosoft SQL Server\ ticrosoft SQL Server\ 86)\Microsoft SQL Server\				

- Confirm the root directory and select the instant features (SQL server replication, SQL client connectivity SDK)
- Select Next >

🃸 SQL Server 2019 Setup					-		×
Instance Configuration	1						
Specify the name and instance	ID for the instance of S	QL Server. Instance ID I	pecomes part of the in	stallation path.			
Global Rules Microsoft Update Install Setup Files	 Default instance Named instance: 	MSSQLSERVER					
Install Rules Installation Type License Terms	Instance ID:	MSSQLSERVER					
Feature Selection Feature Rules Instance Configuration	SQL Server directory: Installed instances:	C:\Program Files\Mic	rosoft SQL Server\MSS	QL15.MSSQLSERVE	R		
Database Engine Configuration Feature Configuration Rules Installation Progress	Instance Name SQLEXPRESS MSSQLSERVER	Instance ID MSSQL15.SQLEXPR MSSQL15.MSSQL5	Features SQLEngine, SQLEn SQLEngine, SQLEn	Edition Express Express	Ver 15.0 15.0	sion 0.2000.5 0.2000.5	
Complete	MSSQLEAPKESS	MSSQL15.MSSQLE	JULEngine, SULEn	Express	15.0	.2000.5	
	1		< Ba	ck Next >		Cance	I

- Select **Default instance** or select a custom depending on the type of installation
- Naming convention for Instance ID should be MSSQLSERVER
- Select Next >



🃸 SQL Server 2019 Setup		-		Х
Database Engine Config	auration			
Saraife Database Facine author	tiontion convits made administration data disentation Temp DD. May decree of			
parallelism, Memory limits, and F	ilestream settings.			
Global Rules	Server Configuration Data Directories TempDB Memory User Instances FILES	TREAM		
Microsoft Update				
Install Setup Files	Specify the authentication mode and administrators for the Database Engine.			
Install Rules	Authentication Mode			_
Installation Type	Windows authentication mode			
License Terms	O Mixed Mode (SQL Server authentication and Windows authentication)			
Feature Selection				
Feature Rules	Specify the password for the SQL Server system administrator (sa) account.			
Instance Configuration	Enter password:			
Database Engine Configuration	Confirm password:			
Feature Configuration Rules	Specify SOL Server administrators			
Installation Progress				_
Complete	GPPOStArshad.All SQL Server admin unrestricted acce	nistrators ss to the [have Database	
	Engine.			
	Add Current User Add Remove			
	< Back Next	>	Cance	I

• Select Next >

🐮 SQL Server 2019 Setup						-		×
Server Configuration								
Specify the service accounts an	d collation configuratio	n.						
Global Rules	Service Accounts	Collation						
Microsoft Update Install Setup Files	Microsoft recomn	nends that you	use a separate accour	nt for each SC)L Server sen	vice.		
Install Rules	Service		Account Name		Password	Sta	rtup Typ	e
Installation Type	SQL Server Datab	ase Engine	NT Service\MSS	QL\$SQL		Aut	omatic	\sim
License Terms	SQL Server Brows	er	NT AUTHORITY	LOCAL		Mai	nual	\sim
Feature Selection								
Feature Rules	Grant Perform	Volume Mainte	nance Task privilege	to SQL Server	Database E	ngine Ser	vice	
Instance Configuration	This privilege e	enables instant f	file initialization by av	oiding zeroin	g of data pa	iges. This	may lead	d
Server Configuration	to information	disclosure by a	llowing deleted conte	nt to be acce	ssed.			
Database Engine Configuration	Click here for a	<u>details</u>						
Feature Configuration Rules								
Installation Progress								
Complete								
				< Back	Nex	d >	Can	cel

- Confirm the SQL server Administrators
- Select Next >
- Allow the installation to finalize



髋 SQL Server 2019 Setup			_		X
Complete		•			
Your SQL Server 2019 installat	ion completed successfully.				
Global Rules	Information about the Setup operatio	n or possible next steps:			
Microsoft Update	Feature	Statur			
Install Setup Files	Database Engine Services	Succeeded			
Install Rules	SQL Server Replication	Succeeded			
Installation Type					
License Terms					
Feature Selection					
Feature Rules					
Instance Configuration					
Server Configuration	Details:				
Database Engine Configuration	Install successful.				
Feature Configuration Rules					
Installation Progress					
Complete					
	Summary log file has been saved to th	e following location:			
	C:\Program Files\Microsoft SQL Serve	r\150\Setup Bootstrap\Log\20200728_11251	4\Summai	y Arshad	<u>1-</u>
	<u>Den 20200720 112014.00</u>				
				Close	e

• The installation is now complete, select **Close**



Step 3:

Run the LiveLink installer



- The installer runs in the back ground
- Open the Setup.bat file

🚳 setup

• Right Click and select edit from the popup option



- Edit the Run.bat (setup.bat)
- The config should read setup.exe DEPENDONSERVICE= "MSSQL\$SQLEXPRESS"
- Once done, run the setup application



Configuring the MX.Config File

- Configure the MX.config file after installing the setup application.
- Right click on MX.config and select edit.
- The highlighted text in the example below must be in the config file
- Change server= to the SQL Server Express instance name
- <add key="ConnectionString" value="server=.\SQLExpress;Integrated
- Check LiveLink and EBO Server <u>URL</u> Connection:
- <add key="WebService_URL" value="https://KFCZA.macromatix.net/WebServices/eRetailer.asmx" />
- Check that admin credentials are correct: .\SQLExpress;User=administrator;Password=gaapjhb;Database=MacromatiX" />-->
- Check that service types have the correct values:
- <add key="GaapServiceTypeMapping" value="3=SIT DOWN;0=TAKE AWAY;4=DRIVE THRU;18=UBER;19=MR D" />



- Check that firebird/Gaap setup has the correct pathway and authentication is correct:
- <add key="GaapConnectionString" value="Driver={Firebird/InterBase(r) driver};dbname=127.0.0.1:C:\\Database\\Retail.FDB;charset=NONE;UID=SYSDBA;PWD=skylock;c lient=fbclient.dll" />
- Check that the Polling time Intervals are setup correctly
- <add key="GaapPolIInterval" value="5" /> (Change the number to reflect the minutes required for polling to take place)

After correcting the config file, copy Mx.config into the following directories:

- C:\Program Files (x86)\Macromatix\LiveLinkService\Configs
- C:\Program Files (x86)\Macromatix\LiveLinkHelper\Configs
- C:\Program Files (x86)\Macromatix\LiveLinkUpdater\Configs

« Local Disk (C:) > Program Files (x86) > Macro	omatiX
Name	Date modified
EasyClockStandAlone	08/07/2020 21:03
LiveLinkHelper	08/07/2020 21:43
LiveLinkService	08/07/2020 21:46
LiveLinkUpdater	08/07/2020 21:43
Package	08/07/2020 21:03

~~	MacromatiX >	LiveLinkHelper	> Configs			~	ල් Search
	Name	^		×	Date modified		Туре
	🥘 entlib				25/11/2019 06:11		CONFIG File
	📃 Mx				08/07/2020 21:43		CONFIG File



Step 4:

- Open services.msc
- Search for MacromatiX LiveLink

Services (Local)	•				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
MacromatiX LiveLink	Name	Description	Status	Startup Type	Log
	🎇 MacromatiX LiveLink	Macromati	Running	Automatic	gpp
Stop the service Restart the service	🎑 MacromatiX Updater	Macromati	Running	Automatic	Loc

- Right Click the MacromatiX LiveLink
- Select properties from the pop up window

🎑 Services						- 🗆	$\times$
File Action View	Help						
	) 📑 🛛 🖬	MacromatiX LiveLink Pr	operties (Local Computer)	×			
🤍 Services (Local)	🔍 Service	General Log On Reco	overy Dependencies				
	MacromatiX	Log on as:			Status	Startup Type	Log ^
	<u>Stop</u> the serv <u>Restart</u> the se	Local System accou Allow service to in	<b>nt</b> nteract with desktop		Running Running Running	Automatic Automatic Automatic	gpp Loc Net
	Description: MacromatiX	This account: Password:	gppos\Arshad.Ali	Browse	Running	Automatic Manual (Trig Manual	Net Loc Loc
	Imports POS	Confirm password:	•••••	]	Running	Manual (Trig Disabled	Loc Loc
					Running	Manual Automatic Manual	Loc Loc Loc
						Manual (Trig Manual (Trig Manual Manual	Loc Loc Loc Net
					Running	Manual Manual (Trig	Loc
					Running	Automatic	Loc
			OK Cance	Apply		Manual Manual (Trig	Loc Loc Y
	Extended	Standard /					

- Select the Log On tab
- Select This account.
- Enter the windows log on credentials
- Press **Ok** and ensure that services is started

O Services (Local)					
Co Scivices (Local)	^				
MacromatiX LiveLink	Name	Description	Status	Startup Type	Log ^
a	🆏 SQL Server (MSSQLEXPRESS)	Provides sto		Automatic	NT
Stop the service Restart the service	SQL Server (MSSQLSERVER)	Provides sto		Automatic	NT

• In services.msc go to SQL Server and ensure that the MSSQLEXPRESS and MSSQLSERVER are started and running.



Step 5:

# Registering the LiveLink

• Open the LiveLink helper application

🔄 MacromatiX LiveLink 🔹	– 🗆 X
File View	
Home 🔅 Setup	
Service Status	Overview
LiveLink is currently running Stop Service	
Service Actions	
Process All Send	Refresh
Log Viewer	
MxLogger.LogErrorToTrace => MxLogger.LogM 2020-07-29 06:41:38.9576 UTC Excepti MxLogger.LogInformationToTrace => MxLogger 2020-07-29 06:41:38.9516 UTC Clearin MxLogger.LogInformationToTrace => MxLogger 2020-07-29 06:41:38.9506 UTC No data	essage => MxLogger.Log on occurred actioning main polling tasks (PollRe LogMessage => MxLogger.Log g obsolete data - over 15 days. LogMessage => MxLogger.Log a to send.
MxLogger.LogErrorToTrace => MxLogger.LogM 2020-07-29 06:41:38.9486 UTC Error ch	essage => MxLogger.Log necking for unsynced data (isDataToSend) Error:
<	>

• Select the setup button



🚔 MacromatiX LiveLir	ık		_		×
File View		•			
The Home	Setup	D			
Store Definition		Intervals			
Store Number:	GAAPLAB	Awake Interval:	2		
Configured ID:	Not Set	Send Interval:	1		
	Save & Re-Activate		Save & Ser	nd Info	
Proxy					
Use Proxy Ser	ver	Apply			
System proxy					
Custom proxy					
Authentication	Windows_CurrentUser	~			
User name					
Domain					
Password					
LiveLink ID					
15010		041155505542522	N.		
1+610	E30BF5A8385B4805C5D2	94119EE09B42522	Ne	w LiveLin	IKID

- Store number = KSA number
- Configured ID will automatically appear after the registration is done
- LiveLink ID machine ID to copy into the MacromatiX site



# Accessing the MacromatiX website

WEB URL: <u>https://kfcza.macromatix.net/</u>

- Log in with an Admin credentials
- Select Setup from the menu tab



• Search for POS Polling Setup

POS Polling Setup
-------------------

POS Polli	ng Setup
Store Name	GAAP LAB Update / Save Cancel
Polling Crit	teria forStore
Store Name	GAAP LAB System ID: 454
	Store is Polled
Poll Store ID	454
POS System	GAAP
Employee Export	Select an XSLT export task for POS Employee Export
	Allow POS Staff Updates
	Allow POS Product Updates

- By Store Name, open the dropdown window and select the relevant store
- Select Store is Polled
- Select Update / Save



Franslation	ı		
	Show Default 1	ranslation	
ranslation	Item Sales	•	
Undefined	Translates to	Translates to ID	Update / Save
Group / Dept	Undefined	1	PDF 🔻
Sale Item	Undefined	1	Report
			Verify Translation
Defined T	ranslation		Add Translation

- Select Show Default translation
- Enter the text **Undefined** next to **Group / Dept**
- The Translates to ID is 1
- Do the same with **Sale Item**

Organization Hierarchy			
POS Polling Setup	LiveLink Activation		
Security Groups	Store Name	GAAP LAB	
Styles	Store System Id	454	
Manage Labour Days	POS System	GAAP	
Workflow Setup	LiveLink ID		
Zone Management Store Calendar		Confirm Details and Activate LiveLink	
Reconciliation Management			

• Copy the LiveLink ID from MacromatiX LiveLink helper application

LiveLink ID	•	
	C1603EF2D20959AB42C14F5CD70D7E601B518550	New LiveLink ID

• Paste the LiveLink activation field on the MacromatiX Website



LiveLink Activation	
Store Name	GAAP LAB
Store System Id	454
POS System	GAAP
LiveLink ID	
	Confirm Details and Activate LiveLink

• Once the LiveLink ID is copied in, Select the **Confirm Details and Activate LiveLink** button

• Res	tart the N	lacromatiX	LiveLink	helper	application
-------	------------	------------	----------	--------	-------------

🚔 MacromatiX LiveLir	ık	↔		- 0	×
File View		•			
The Home	e 🔯 Setup	D			
Store Definition		Intervals			
Store Number:	GAAPLAB	Awake Interval:		2	
Configured ID:	454	Send Interval:		1	
	Save & Re-Activate		Save &	Send Info	
Proxy Use Proxy Set	wer	Apply			
System proxy					
Custom proxy					
Authentication	Windows_CurrentUser	~			
User name					
Domain					
Password					
LiveLink ID C1603	EF2D20959AB42C14F5CE	070D7E601B518550		New LiveLi	nk ID

Ensure the service is started and data is polling.



🔄 MacromatiX LiveLink	↔ _ □	×
File View		
Thome 🐼 Setup		
Service Status	Overview	
LiveLink is currently running		
Stop Service		
Service Actions		
Process All Send	Refresh	
Log Viewer		
2020-07-30 13:57:02.7827 UTC - Clearing obsol 2020-07-30 13:57:02.7817 UTC - 2020-07-30 13:57:02.7807 UTC - Sales transmis 2020-07-30 13:57:02.7737 UTC - No data to sen 2020-07-30 13:57:00.7472 UTC - Batch 1. Sendi 2020-07-30 13:57:00.4518 UTC - Preparing batc 2020-07-30 13:57:00.4458 UTC - Sending 2020-07-30 13:57:00.1969 UTC - 2020-07-30 13:57:00.1949 UTC - No day informa 2020-07-30 13:56:59.8810 UTC - GAAP process 2020-07-30 13:56:59.8800 UTC - No day informa 2020-07-30 13:56:59.5732 UTC - GAAP process 2020-07-30 13:56:59.5732 UTC - GAAP process 2020-07-30 13:56:59.5732 UTC - No day informa	lete data - over 15 days. assion complete - 5 successful transactions. ad. ing 5 transactions (25 records) ches - 25 batches of 100 transactions. ation found for BusinessDay: 30-07-2020 ing 30-Jul-2020 ation found for BusinessDay: 29-07-2020 ing 29-Jul-2020 ation found for BusinessDay: 28-07-2020	
<	>	

