

## FuelMaster Plus (FMPlus®) Installation Guide

8/2/2022

Software Version: 5.23.3.0

Document Version: 7.2

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Version	Date	Description
6.0	11/1/2017	Updated FMPlus Installation Guide for MS SQL 2014.
7.0	11/13/2020	Updated FMPlus Installation Guide for MS SQL 2019.
7.1	3/11/2022	Updated to include
		Recommended PC or Server Requirements
		Supported OSes
		Minimum PC Requirements
7.2	8/2/2022	Updated <u>FMPlus Server Tools Installation</u> to factor in setup.exe.

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## Related documentation

The FMPlus User Manual contains information to which you may need to refer.

## Conventions used in this guide

To help you find important information, this guide uses the following conventions:

Convention	Indicates
Bold text	The names of elements of the user interface, such as menus, buttons, and options; In tutorials, clickable items
Monospaced text	Code, file names, directory paths, and on-screen computer output.
Bold monospaced text	Text that you should type exactly as shown, such as: Type <b>ABC</b> at the prompt.
<i>Italic</i> text	Command-line placeholders that you should replace with a real name or value. Also, book titles, new words or terms, or words to be emphasized.

|--|

The second in shorted s of special information
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*CAUTION* Cautions that contain information to avoid equipment damage or data loss.

*WARNING* Warnings that contain information about potentially damaging actions. Read them carefully to prevent personal injury and health hazards.

## Certifications

Certifications have been awarded by the following organizations.

- US and Canadian equipment certifications through the following:
  - FCC (Federal Communications Commission),
  - Intertek (ETL, cETL),
  - o CAN/CSA (Canadian Standards Association),
  - National Conference on Weights and Measures (National Type Evaluation Program: NTEP),
  - Payment Card Industry (PCI) Security Standards Council (PA-DSS compliance),
- European equipment certification through the following:
  - TUV SUD, FM Approvals
  - ATEC Certification
- Microsoft Gold Partner

### **Recommended PC or Server Requirements**

- Intel Core i3 Processor or greater
- 4GB of RAM
- DVD-ROM
- 12GB free Hard Drive space Additional space required if running full MS SQL Server for large databases.
- 56K Baud Analog Modem
- 1024x768 Screen Resolution
- Network Connection
- USB for Key Encoding, if needed
- Solid State Drive (SSD)

## Supported OSes

- Windows 10 64-bit
- Windows Server 2008/R2 64-bit
- Windows Server 2016 64-bit

Microsoft versions above these listed will also be supported.

## **Minimum PC Requirements**

- 3.0 GHz Pentium 4 Processor 64-bit
- 2GB of RAM for 64-bit
- 12x CD-ROM
- 6 GB free Hard Drive space
- 33.6K Baud Analog Modem or Network Internet Connection
- 1024x768 Screen Resolution
- USB for Key Encoding, if needed
- Windows 10 64-bit

*NOTE* FMPlus is not compatible with Microsoft HOME editions.

## Introduction

This guide provides basic instructions on how to install FMPlus for use with a SQL database.

Beginning with the SW v5.23.3.0 release, The FMPlus Server Tools installation provides SQL Server 2019 SP2 Express. The guide first provides an overview on how to run the FMPlus Server Tools installation to install SQL Server 2019, proceeds with instructions on how to install the FMPlus software for use with a SQL database, as well as instructions for upgrading from a SQL or Access database.

## Applicability

This guide is for FuelMaster Plus software version 5.23.3.0 and greater.

Please note:

- FuelMaster Plus SW v5.14.3.0 to 5.22.3.0 provides MS SQL 2014; see FuelMaster Installation Guide Rev. 6.0, November 1, 2017.
- FuelMaster Plus SW v5.11.3.0 to v5.11.3.2 provides MS SQL 2012; see *FuelMaster Installation Guide Rev 5.0*, October 27, 2016.
- FuelMaster Plus SW v5.3.3.0 to v5.10.3.0 provides MS SQL 2008 R2; see *FuelMaster SQL Server Install Guide Rev 4.0*, June 16, 2014.
- For releases prior to 5.3.3.0, please see *FuelMaster SQL Server Install Guide Rev* 3.0, April 8, 2014.

Questions? Contact Syntech Systems, Inc.'s industry leading Customer
 Satisfaction Center (CSC) at (800) 888-9136 x2., or email us at support@myfuelmaster.com.

## **FMPlus Server Tools Installation**

1. As an admin user (or run as administrator), open or Run as administrator **setup.exe**.



2. Select Next to begin.

FMPlus Server Tools - InstallShie	ld Wizard	Х
Ś	Welcome to the InstallShield Wizard for FMPlus Server Tools	
	The InstallShield Wizard will install FMPlus Server Tools on your computer. To continue, click Next.	
	< Back Next > Cancel	

3. To install the the C: drive, select **Next**. To install to a different folder, select Browse, and select another folder.

FMPlus Server Tools - InstallShield Wizard			×
Choose Destination			Z
Setup will install FMPlus Server Tools in the fo	ollowing folder.		
To install to this folder, click Next. To install t another folder.	to a different folder,	click Browse	e and select
Destination Folder C:\Program Files (x86)\ InstallShield			B <u>r</u> owse

- 4. Ensure the MS SQL Server 2019 @ 6GB checkbox is ticked.
- 5. Select Next.

FMPlus Server Tools - InstallShield Wizard			$\times$
Setup Type Select the setup type that best suits your needs.			
Choose Features			
MS SQL Server 2019 @ 6GB SQL Server Management Studio 18 @ 2.5GB SQL Server Reporting Services 2019 @ 40MB Setup Firewall Rules			
InstallShield	< <u>B</u> ack	Next >	Cancel

**NOTE** Your feature selections will be installed in turn, beginning with MS SQL Server. If you have already installed MS SQL Server 2019, you may uncheck it to allow installation of SQL Server Management Studio.

#### Remaining Checkbox Options and Uses

Option	Use
SQL Server Management Studio	Optional but recommended; enables Syntech's Systems, Inc.'s CSC to troubleshoot issues with your database if necessary.
SQL Server Reporting Services	Optional; allows for reporting outside of FMPlus Crystal reporting (not necessary if FMPlus reporting suffices).
Setup Firewall Rules	Optional; helps if SQL Server is to be installed on one machine and FMPlus or the download service is to run on another machine.

#### 6. Select NEXT. The SQL 2019 installation launches.

1		
	Choose Directory For Extracted Files $\qquad \qquad \qquad$	
	Choose Directory For Extracted Files ver 2019 (64-bit)\Setup Files\SQLEXPRADV_x64_ENU\ Ok Cancel Browse	
	Microsoft SQL Server 2019 Express Advanced	×
	Preparing: C:\Users\fhowar\MICROSOFT.SQLSERVER.	CONFIGURATION.CLUSTER.DLL
		Cancel

# 7. Ensure I accept the license terms and Privacy Statement checkbox is ticked, and select Next.



## **NOTE** If Global Rules pass, the dialog may not be seen; if any Global Rules fail, the dialog will display and corrections must be made before restarting the installation.

#### 8. Ensure the Use Microsoft to check for updates checkbox is not ticked.

TIP	Tick this checkbox only if you have a fast connection, and/or you are not in a
	hurry to install SQL Server.

#### 9. Select Next.



Assuming you allowed Microsoft to check for updates, if an update for SQL Server Setup is found and specified to be included, the update will be installed before automatically moving to the next dialog.

1 SQL Server 2019 Setup			-		×
Install Setup Files If an update for SQL Server Set	up is found and specified to be include	d, the update will be installed.			
License Terms Global Rules					
Microsoft Update	Task	Status			_
Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Analysis Services Configuration Feature Configuration Rules Installation Progress Complete	Install Setup files	In Progress			
		< <u>B</u> ack	<u>N</u> ext >	Cance	el al

Setup rules identify potential problems that might occur while running Setup. Typically, these failures must be corrected before the setup can continue.

- NOTE While installing setup rules, you might notice a Windows Firewall warning. Though some of the problems appearing in this list may block setup, the Windows Firewall warning does not block the installation.
   FMPlus Server Tools can create firewall exceptions for SQL at the end of the installation.
  - 10. Select Next.

📸 SQL Server 2019 Setup			-	
Install Rules Setup rules identify potential can continue.	problems that	t might occur while running Setup. Failures must be corrected bef	iore Setup	
Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration	Operation Hide det	tailg <<		<u>R</u> e-run
Database Engine Configuration Feature Configuration Rules	Result	Rule	Status	_
Installation Progress Complete	0	Consistency validation for SQL Server registry keys Computer domain controller	Passed	
		Windows Firewall SQL 2019 minimum CTP for Upgrade and Side by Side Support	Warning Passed	
		< <u>B</u> ack	<u>N</u> ext >	Cancel

*NOTE* The installer progress shows in the background behind the SQL Server 2019 Setup dialog box. You may move the box to monitor your progress.

#### 11. Accept the defaults, and select Next.

t SQL Server 2019 Setup			- 0	×
Feature Selection Select the Express features to in	ıstall.			
Install Rules Feature Selection Feature Rules Instance Configuration	Looking for Reporting Service <u>Features</u> Instance Features      Control of the service Service	ces? <u>Download it fro</u> r	m the web Feature description: The configuration and operation of each	^
Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Database Engine Services     SQL Server Replication     Machine Learning Ser     R     Python     Java	n vices and Language Ext	Instance feature of a SQL Server instance is isolated from other SQL Server instances. S Server instances can operate side-by-side the same computer.	s SQL on
	☐ Java ☐ Full-Text and Semanti ☐ PolyBase Query Servic ☐ Java connector for Shared Features ☐ Client Tools Connectivity ☐ Client Tools Backwards Ci	c Extractions for Search e for External Data HDFS data sources ompatibility	Already installed: Windows PowerShell 3.0 or higher Microsoft Visual C++ 2017 Redistribut	able
	Client Tools SDK ✓ SQL Client Connectivity S □ LocalDB Redistributable Features	DK >	<u>D</u> isk Space Requirements Drive C: 1424 MB required, 104396 MB available	
	Select <u>A</u> ll <u>U</u> nselect All	]		
	Instance <u>r</u> oot directory:	C:\Program Files\Mic	rosoft SQL Server\	
	Shared feature directory:	C:\Program Files\Mic	)\Microsoft SQL Server	
	·		< <u>B</u> ack <u>N</u> ext > Ca	ncel

**NOTE** If Feature Rules pass, the dialog may not be seen; if there any failures occur, they must be addressed, and the installation must be restarted.

#### 12. Select Next.

🐮 SQL Server 2019 Setup					-		×
Instance Configuration	<b>n</b> e ID for the instance of SG	QL Server. Instance	ID becomes part of	the installation path.			
Install Rules Feature Selection Feature Rules	Default instance     Named instance:	FMPLUSSQL2019					
Instance Configuration Server Configuration Database Engine Configuration	Instance <u>I</u> D:	FMPLUSSQL2019					
Feature Configuration Rules Installation Progress Complete	SQL Server directory: Installed instances:	C:\Program Files\	Microsoft SQL Serve	r\MSSQL15.FMPLUSS	QL2019		
	Instance Name	Instance ID	Features	Edition	V	ersion	
				< <u>B</u> ack <u>N</u> e	st>	Cance	el

#### 13. Select Next.

🐮 SQL Server 2019 Setup				- 1		×
Server Configuration Specify the service accounts ar	nd collation configuration.					
Install Rules Feature Selection Feature Rules	Service Accounts Collation	a separate account for each	SQL Server servic	e.		
Instance Configuration	Service	Account Name	Password	Startup	lype	1
Server Configuration	SQL Server Database Engine	NT Service\MSSQL\$FMP		Automat	ic v	1
Database Engine Configuration	SQL Full-text Filter Daemon Launc	NT Service\MSSQLFDLa		Manual		1
Feature Configuration Rules	SQL Server Browser	NT AUTHORITY\LOCAL		Automat	ic v	
Installation Progress Complete	Grant Perform Volume Maintenan This privilege enables instant file i to information disclosure by allow <u>Click here for details</u>	ce Task privilege to SQL Sen nitialization by avoiding zero ing deleted content to be ac	ver Database Eng bing of data page cessed.	ine Service es. This may	lead	
		< <u>B</u> ac	k <u>N</u> ext	>	Cancel	

#### 14. Accept the defaults, and select Next.

髋 SQL Server 2019 Setup						_		$\times$
Database Engine Confi	guration							
Specify Database Engine auther parallelism, Memory limits, and	ntication security mode, a Filestream settings.	administrators, data	a directori	es, TempDi	8, Max degree of	f		
Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration <b>Database Engine Configuration</b> Feature Configuration Rules Installation Progress Complete	Server Configuration Specify the authent Authentication Mod O Windows authen Mixed Mode (SQ Specify the password Enter password: Confirm password:	Data Directories ication mode and a de tication mode L Server authentica d for the SQL Server	TempDB Idministrat tion and V er system a	Memory tors for the Vindows au administrate	User Instances Database Engine uthentication) or (sa) account.	FILESTREAM e.		
	Specify SQL Server a D-FHOWARD2-T3\f Add Current User	idministrators hadmin (fhadmin) Add Re	move		SQL Server unrestricte Engine.	administrators d access to the	have Database	2
					< <u>B</u> ack	<u>N</u> ext >	Cance	el

#### NOTE

Mixed Mode is required. The default SA password is **StS1234!** 

SQL Server 2019 Setup			-	0	
Complete Your SQL Server 2019 installa	tion completed successfully.				
Install Rules	Information about the Setup operation or possible n	next steps:			
Feature Pulec	Feature	Status			
reacure nules	S Full-Text and Semantic Extractions for Search	Succeeded			
Instance Configuration	Oatabase Engine Services	Succeeded			
Server Configuration	SQL Server Replication	Succeeded			
Database Engine Configuration	SQL Browser	Succeeded			
Feature Configuration Rules	SQL Writer	Succeeded			
Installation Progress	SQL Client Connectivity SDK	Succeeded			
Complete	SQL Client Connectivity	Succeeded			
	Details:				
	Install successful.				
	I Summary log file has been saved to the following loc C()Program Files()Microsoft SQL Server()150()Setup B: FHOWARD2-T3_20201012_134507.pt	cation: ootstrap\Log\20201012_13	4507\Summa	ny D-	

After the MS SQL Server installation completes, the SQL Server Management Studio installation launches.



If chosen, the SQL Server Reporting Services install next. No dialogs are shown during the SSRS installation or setting the Firewall exceptions. The setup status displays during these processes.

FMPlus Server Tools - InstallShield Wizard	$\times$
Setup Status	
The InstallShield Wizard is installing FMPlus Server Tools	
InstallChield	
Cancel	

A Finish dialog displays when the installations are complete.

#### 15. Select Finish.

FMPlus Server Tools - InstallShie	eld Wizard
	<ul> <li>Thank you for Installing</li> <li>The InstallShield Wizard has successfully installed FMPlus Server Tools. Before you can use the program, you must restart your computer.</li> <li>Yes, I want to restart my computer now.</li> <li>No, I will restart my computer later.</li> <li>Remove any disks from their drives, and then click Finish to complete setup.</li> </ul>
	< <u>B</u> ack <b>Finish</b> Cancel

As seen in the Configuration Manager, FMPlus Server Tools enables TCP\IP.



FMPlus Server Tools also sets the SQL Browser to run automatically.

Services							-	$\times$
<u>File</u> <u>Action</u> <u>View</u>	Help							
(= =) 🗖 🖬								
Services (Local)	Services (Local)							
	Select an item to view its description.	Name	Description	Status	Startup Type	Log On As		^
		🎑 SQL Full-text Filter Daemon	Service to la	Running	Manual	NT Service\		
		SQL Server (FMPLUSSQL2019)	Provides sto	Running	Automatic	NT Service\		
		SQL Server Agent (FMPLUSS	Executes job		Disabled	Network Se		
		🍓 SQL Server Browser	Provides SQ	Running	Automatic	Local Service		
		🤹 SQL Server CEIP service (FMP	CEIP service	Running	Automatic	NT Service\		
		SQL Server Reporting Services	Manages, ex	Running	Automatic	NT SERVICE		
		🍓 SQL Server VSS Writer	Provides the	Running	Automatic	Local System		
		🍓 SSDP Discovery	Discovers ne	Running	Manual	Local Service		
		🎑 State Repository Service	Provides req	Running	Manual	Local System		
	Extended Standard	Chill Income Acculation Franks	1		Manual	Lo cal Custom		

## **FMPlus Server Tools Silent Install Option**

- 1. As an admin user (or run as administrator), launch the elevated command prompt.
- 2. Use Windows CD command to navigate to the SQL server install directory.
- 3. Type **silentinstall** followed by the switches for what you want to install. The installers run in the same order as the specified switches. For example, if you want SQL Server, SSMS, SSRS and the firewall rules in that order, enter:

```
silentinstall /SQLServer /SSMS /SSRS /FIREWALL
```

**NOTE** The silent installer uses all the defaults. For values other than the defaults, use the interactive installer or edit the batch file and/or the INI for SQL Server.

4. If needed, enter **silentinstall** with no switches to display the available switches and what they do.

## **FMPlus Installation**

- 1. As an admin user (or run as administrator), launch the FMPlus Installer, **client.exe**, and start the installation process.
- 2. Select **Unzip** to install the files to a desired location. Click *OK* after the files have been unzipped.

WinZip Self-Extractor - Client.exe	$\times$	
To unzip all files in Client.exe to the specified folder press the Unzip button.	<u>U</u> nzip	WinZin Self-Extractor X
Unzip to <u>f</u> older: <u>users\admin\AppData\Local\Temp</u> <u>B</u> rowse <u>O</u> verwrite files without prompting	Run <u>W</u> inZip <u>C</u> lose <u>A</u> bout	1147 file(s) unzipped successfully
✓ When <u>d</u> one unzipping open: setup.exe	<u>H</u> elp	ОК

Once the files have been unzipped and the Wizard has prepared the installation, the installation process starts with the Status/Requirement screen, if applicable. If the Access Database Engine used for converting Access databases to SQL is already installed and the Welcome screen displays, skip to step 8.

3. Select Install.

FuelMasterPlus - InstallShield Wizard
FuelMasterPlus requires the following items to be installed on your computer. Click Install to begin installing these requirements.
Status Requirement
Pending Access Database Engine (x64)
Install Cancel

4. Select Next.



5. Tick the I accept the terms in this License Agreement checkbox, and select Next.



6. Select **Browse** to identify destination location of Microsoft Access if this differs from the default, and select **Install**.

Hicrosoft Access database engine 2010 (English) Setup	-		×
Microsoft Access database engine 2010 (English)		. C	
Choose where to install Microsoft Access database engine 2010 (En	glish)		30
Install Microsoft Access database engine 2010 (English) to			
C:/Program Files/Microsoft Office/	Brow	se	]
< <u>B</u> ack	Install	Can	cel

As the installation progresses, the percent complete and current action will display.

🗑 Microsoft Access database engine 2010 (English) Setup	-		$\times$
Microsoft Access database engine 2010 (English)		2	3
Installation Progress:			
Current Action: Writing system registry values			
		Cano	el

7. Select **OK** to acknowledge setup has completed successfully.



The InstallShield Wizard will install FuelMasterPlus on your computer.

#### 8. Select Next.



9. Select the I accept the terms of the license agreement checkbox, and select Next.



10. Select **Browse** to identify destination location of FMPlus software if you wish to install outside of the default location (Program Files x86 folder located on the local hard drive).

×
-
rowse and select
Browse
> Cancel
ĸt

- 11. Select Next. The wizard is ready to begin installation.
- 12. Select Install to begin.



The installer will begin the installation process.

FuelMasterPlus - InstallShield Wizard	- 0	×
Setup Status		
The InstallShield Wizard is installing FuelMasterPlus		
C:\Program Files (x86)\SynTech\FuelMasterPlus\RefDatabase\FuelMasterPlus	206.mdb	
InstallShield		
	Cance	1

Upon completion, the following dialog box appears.

FuelMasterPlus - InstallShield Wizard				
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed FuelMasterPlus. Click Finish to exit the wizard.			
	< <u>B</u> ack <b>Finish</b> Cancel			

13. If a reboot is required, select to reboot now or later. Select Finish.

# Creating a New or Using an Existing SQL Database for FuelMaster

You may create a new database upon the first launch of FMPlus or by using **System** > **Database Manager**.

The instructions below assume FMPlus has been installed, the computer rebooted, and FMPlus is launched for the first time.

1. As an admin user (or run as administrator), launch the FuelMaster Plus icon on the desktop.

	<b>Open</b> Troubleshoot compatibility Open file location
<b>(</b>	Run as <u>a</u> dministrator Pin to Tas <u>k</u> bar Pin to Start Men <u>u</u>
	Restore previous <u>v</u> ersions Se <u>n</u> d to Cut Conv
FuelMaster	Create shortcut Delete Rename
Plus	Properties

2. On the first run of FMPlus, the software prompts the user to create a new database or use an existing one. If you have an existing SQL database, select **Use Existing Database**. Otherwise, select **Create New Database**.

🖺 Fuelmaster® Plus Database	$\times$		
Fuelmaster® Plus Current Database Name Doesn't Exist!			
Do you want to create a new Fuelmaster Plus database or use an existing database?			
Create New Database Use Existing Database			

3. Enter the FuelMaster Plus DB Entry Name. MS SQL is selected by default.

Fuelmaster Dlus DR Type	C MS Access ( MS SOL	
rueinidster Plus DD Type	C IND Access C IND SQL	
Fuelmaster  Plus DB Path:		Browse
SQL Server Name:	D-FHFMPLUS2-T3\FMPLUSSQL2019	
C Windows Auth	SQL Auth	
SQL Server Login:	FM_Owner	
SQL Server Password:	******	
Entry Comment:		
	Set As Current Database	

4. Enter the SQL Server Name.

**NOTE** SQL Server follows ANSI standard naming practices. Names must begin with a letter and contain only letters, underscore characters (\_), and digits.

- 5. Select SQL Auth.
- 6. Enter the SQL Server Login. 'FM\_Owner' is recommended.
- 7. Enter the SQL Server Password. Recommended password: sts1234!
- 8. Select Set As Current Database.

The Database Converter launches and begins building the database.

🍕 FuelMaste	r Plus Dat	—		×
Installation Path	۱			
Server Name				Provincial
				210,456
Database Name				
52304_New				
Current Databas	e Version			
Status				
[154051] Runn	ing: FilU2012T	ables528	.sql	~
[154057] Running: FillReferenceDataVehiInterface51 [154057] Running: FillMessageQueueTypes.cd				
[154057] Running: FillExportDefinitions517.sql				
[154057] Runn	ing: FillDataDi	ctionary53	37.sql	
[154058] Runn	ing: FillReferer		)ata lypest Viction on E	033.s
[154058] Runn	ing: FixPumpE	ndCodes	.sal	50.50
[154058] Runn	ing: CreateInd	ices514.s	ql	
[154058] Runn	ing: CreateInd	ices526.s	ql	
[154100] Runn [154100] Datab	ng: AssignLat hase installatio	eststamp in complet	1640.sqi to	
[104100] Datas	1000 11010101010	in complet		$\sim$ .
<				> 9
Automatic insta	ilation			-
Check For E	rrors			
C <u>o</u> nvert	<u>E</u> xit	At	pout	

- 9. Upon completion, select Exit.
- 10. As an admin user (or run as administrator), launch the FuelMaster Plus icon on the desktop.
- 11. On the first logon screen, select **OK** without a password, and you will be prompted to set one.

Welcome to Syn-Tech Systems Fuelmaster® Plus	?	×
PLUS		
Login Fuelmaster® Plus Database Name: FMP_TEST Operator <u>N</u> ame: ADMIN	1	
OK Cancel Switch Copyright © 1997-2020 by Syn-Tech Systems, Inc This computer program is protected by U.S. and International c	opyrigh	t law.

12. Select OK.



13. Set your password, and select OK.



14. Select OK.



15. Select the desired **System Type**.

Select S	ystem Type	$\times$
	- Select System Type, Key Configuration and Category	
	System Type: VMN   Key Configuration: VEHICLE KEY	-
	Category: NONE	<b>•</b>
	OK Cance	ıl

- 16. For Category, select None or Aviation. Select OK.
- 17. Choose AIM if you are using AIM devices or choose NONE if you are not using AIM devices.

Passive System Type		$\times$
Choose AIM if you are us NONE if you are not usin	sing AIM devices g AIM devices.	or choose
AIM	OK	Cancel

- 18. Select OK.
- 19. Enter the Site Signature Key.

Change Site Signature		$\times$
Enter Site <u>S</u> ignature Key: OK	Cancel	

#### 20.Select OK.

Before setting the Download Path, you are prompted to ensure the download directory is accessible by all users.

- 21. Select OK.
- 22. Specify a shared Download Folder by entering a network location or **Browse** to the desired network node.

Specify Download Folder	×
Select Folder Choose folder for saving downloaded files and log files	
\\D-FHFMPLUS2-T3\FMP Downloads	Browse
ОК	

23. Select OK.

24. In the event the Download Service is not running, select **Yes** to try to start now.



25. Select Yes if the DSN has been created in ODBC.



26. Enter the ODBC DSN. When working with multiple databases, naming the DSN the same as the database may be helpful but is not required.

🛓 Database Manager		
Fuelmaster® Plus Databa	se	New >>
Entry Name Databas	se Type Database Path Central C	IC Add >>
FMP_TestT_MOSQL		Edit >>
		Move To >>
<	>	<u>D</u> elete
Switch Database	To FMP_Test1	Close
Fuelmaster Plus DB Type	C MS Access @ MS SQL	
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path	C MS Access C MS SQL	<u>B</u> rowse
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path C Windows Auth	MS Access     MS SQL	Browse
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path C Windows Auth SQL Server Login:	MS Access I MS SQL      SQL Auth      FM_Owner Password:	Browse
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path C Windows Auth SQL Server Login: SQL Server Name:	MS Access MS SQL      SQL Auth      FM_Owner      D-FHFMPLUS2-T3\FMPLUSSQL      ODBC DSN:      FM	Browse
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path C Windows Auth SQL Server Login: SQL Server Name: Entry Comment:	MS Access MS SQL      SQL Auth      FM_Owner     Password:      D-FHFMPLUS2-T3\FMPLUSSQL     ODBC DSN:      Op	Browse MP_TEST1  perator Password:
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path C Windows Auth SQL Server Login: SQL Server Name: Entry Comment: Central Go Online	MS Access MS SQL      SQL Auth     FM_Owner     Password:     D-FHFMPLUS2-T3\FMPLUSSQL     ODBC DSN:     FM     Op     Online Operator:     T	Browse MP_TEST1
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path C Windows Auth SQL Server Login: SQL Server Name: Entry Comment: Central Go Online	MS Access MS SQL      MS Access MS SQL      SQL Auth      FM_Owner      D-FHFMPLUS2-T3\FMPLUSSQL     ODBC DSN:     FM      Online Operator:     V	Browse MP_TEST1 perator Password:
Fuelmaster Plus DB Type Fuelmaster® Plus DB Path C Windows Auth SQL Server Login: SQL Server Name: Entry Comment: C Central Go Online	MS Access MS SQL      SQL Auth      FM_Owner     Password:      D-FHFMPLUS2-T3\FMPLUSSQL     ODBC DSN:     FM     Op     Online Operator:     T	Browse MP_TEST1  perator Password: Qancel Edit <<

27. Select Save Edit.



28. Select OK.

# Upgrading/Converting an Access Database to a SQL Database

When upgrading, the full client installation runs to be sure all the current files and resources are updated. Following the upgrade, on first launch of FMPlus, the conversion notice provided depends on the database type. MS SQL databases are directly converted to the correct database level, but MS Access databases must first be converted to MS SQL.

For Release 5.3.3.0 and greater, the FMPlus conversion notice for Access databases provides the ability to launch the **DB Manager** to convert the database to MS SQL and then apply the correct database level.

1. As an admin user (or run as administrator), launch the FuelMaster Plus icon on the desktop.

Welcome to Syn-Tech Syster	ms Fuelmaster® Plus	? ×
<u>ארוויד</u>	ASTIER, PL	
Login Fuelmaste Operator <u>N</u> ame:	r® Plus Database Name: F  ADMIN	™P_52230
Password:	Cancel	Switch
Copyright © 1 This computer program is	997-2020 by Syn-Tech Sy protected by U.S. and Inte	stems, Inc. mational copyright law.

2. Enter your Admin password. Click OK.

3. If you are upgrading with a SQL database, select **Convert** on the **Conversion Notification** dialog. When the conversion finishes, select **Exit**.

Conversion Notification	$\times$
Conversion Necessary.	
Your Database version: 539 Expected Database version: 540	
If you would like to continue with the conversion dick Convert. If you would like to continue using FMPlus with your current database click Continue. Otherwise click Exit to exit the FMPlus software.	
NOTE: If there are any other open connections to the database or if the account that this process is running from is not an administrator, the converter will fail.	
Convert Exit Continue	

4. If you are upgrading with an Access database, on the **Conversion Notification** dialog, select **DB Manager**.

Conversion Notification	$\times$
Conversion Necessary.	
Your Database version: 213 Expected Database version: 540	
Click DB Manager to convert your database or switch to a differ database.	ent
Click Exit to close FMPlus.	
Click Continue to use your current database. Access databases have very limited functionality and must be converted as soon a possible.	as
NOTE: If there are any other open connections to the database if the account this process is running from is not an administrat the converter will fail.	or tor,
DB Manager Exit Conti	inue

5. In Database Manager, highlight your Access database and select Move To >>.

Fuelmaster® Plu	s Database		Newso
Entry Name	Database Type	Database Path	<u><u> </u></u>
AFMP_52308	MSACCESS	C\Program Files (x86)\SynTech\FuelMasterPlus\F	Add >>
			<u>E</u> dit >>
			Move To >>
<		>	<u>D</u> elete
Switch D	atabase To FMP.	52308	Close

 Complete the fields for DB Entry Name, Path to the DB to move, and the SQL Server Name (computer\_name\SQL\_instance). The default SQL Server Login and password are provided but may be changed if desired. Enter an Entry Comment if desired. Select Save Move To <<.</li>

1 Database Ma	nager		×
Fuelmaster® Plus	s Database		New >>
Entry Name	Database Type	Database Path	
▲FMP_52308	MSACCESS	C:\Program Files (x86)\SynTech\FuelMasterPlo	us\FAdd >>
			<u>E</u> dit >>
			Move To >>
<			> Delete
Switch D	atabase To FMP	_52308	Qlose
C Windows Auth SQL Server Login: SQL Server Name Entry Comment:	ine Onlin	SQL Auth Owner Password: HFMPLUS2-T3\FMPLUSSQ ODBC DSN: he Operator:	Operator Password:
			<u>Cancel Move To &lt;&lt;</u>
			Save Move To <<

**NOTE** The new DB Entry Name must be unique and cannot be the same as any existing database, including the name of the Access database.

- 7. The Database Converter launches, runs the conversion, and automatically closes.
- 8. The Database Manager opens. Highlight the new DB Entry and select Switch Database to [Database Name].

🗟 Database Manag	jer			×
Fuelmaster® Plus Da	atabase			New >>
Entry Name	Database Type	Database Path	_	-
▲FMP_52308	MSACCESS	C:\Program Files (x86)\SynTech\FuelMaste	ərF	Add >>
PMP_TEST1	MSSQL	D-FHFMPLUS2-13\FMPLUSSQL2019		<u>E</u> dit >>
				Move To >>
<		:	>	<u>D</u> elete
Switch Databas		Close		

9. Select Yes.

Fuelmaster® Plus	$\times$
Are you sure that you want to switch to FuelMaster® Plus database `FMP_TEST1' located at D-FHFMPLUS2-T3\FMPLUSSQ2019?	
<u>Y</u> es <u>N</u> o	

10. After the switch to the converted SQL database succeeds, set your Admin password, the location for FMPlus download files, and the ODBC DSN for Reports.