

User Manual Supplement

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3M[™] Molecular Detection System Software 2-3-0-1 Upgrade/Installation Instructions

This document is a supplement to the 3M[™] Molecular Detection System User Manual. This supplement contains instructions for upgrading the 3M Molecular Detection System Software application to version 2-3-0-1. The upgrades provide the following necessary improvements:

- 1. New 3M[™] Molecular Detection Assay 2 Campylobacter
- 2. Improvements to the installation wizard to include:
 - a. Prerequisite check of the minimum computer configuration
 - b. Access to a list of existing SQL Database Server for installation into existing database
 - c. Warning if overwriting an existing database.
- 3. Improvements to multi-user capability of the software without requiring registration of new users to the SQL Database Server.
- 4. Improvements to database management with the introduction of database archiving capability.

Minimum Computer/Server Requirements

- Microsoft® Windows® XP with Service Pack 3 (SP3), or Microsoft® Windows® Vista with Service Pack 2 (SP2), Microsoft® Windows® 7 (32- or 64-bit), Microsoft® Windows® 8 (32or 64-bit), Microsoft® Windows® 8.1 (32- or 64-bit), or Microsoft® Windows® 10 (Ultimate, Professional, and Enterprise editions)
- Microsoft® SQL Server 2008; Microsoft® SQL Server 2012
- 2.0 GHz Intel Pentium 4 or similar/faster processor
- 2 GB RAM (4 GB size recommended)
- 20 GB free hard disk space
- DVD-ROM drive
- USB 2.0

How to Download the Latest Version of the Software

Upgrades to the 3M Molecular Detection System Software are available through the 3M Food Safety software download website (<u>http://solutions.3m.com/wps/portal/3M/en_WW/food-safety-worldwide/home/package-inserts/software-downloads/</u>). You can also visit this site if you have any questions or require support.

• **Register** here. If already registered, then **Login** to access the product information.



Follow Download Instructions

- o Expand 3M[™] Molecular Detection Software
- Click on either the
 - Upgrade Installation Software version (for upgrade situation) and User Manual Supplement version 2-3-0-1 (for installation instructions)
 - ▲ 3M[™] Molecular Detection Software

Full Installation Software version 2-3-0-1 (ZIP, 2.7 GB) Upgrade Installation Software version 2-3-0-1 (EXE, 59 MB) User Manual Supplement version 2-3-0-1. (PDF, 1.2 MB)

- Or Full Installation Software Version (for First-time installation).
 - ▲ 3M[™] Molecular Detection Software

Full Installation Software version 2-3-0-1 (ZIP, 2.7 GB) Upgrade Installation Software version 2-3-0-1 (EXE, 59 MB) User Manual Supplement version 2-3-0-1. (PDF 1.2 MB)

• Select "Save As" and save file to PC Desktop

Do you want to run or save 3M-MDS_2-3-0-1_February2018.exe (59 MB) from multimedia.3m.com				×
🕐 This type of file could harm your computer.	Run	<u>S</u> ave	•	<u>C</u> ancel

Installation and Upgrade Instructions

It is strongly recommended to perform a database backup per the software user manual before upgrading from a previous version of the **3M Molecular Detection Software**. Close all open applications before starting the installation of **3M Molecular Detection Software**.

Upgrading from a Previous Version

1. Locate

3M-MDS_2-3-0-1_February2018.exe file, right-click on the file and select **Run as** administrator or **Run with Elevated**

Privileges to start the installation wizard.



 The Welcome screen is presented. It may take a few minutes for this screen to appear. Click [Next] to continue.



 Read the 3M End User License Agreement, and click the [I Agree] button to accept the agreement to continue with the installation.



 The existing 3M Molecular Detection Software installation is detected. Reinstall is selected by default. Click [Next] to continue.



5. A list of existing SQL Database servers is provided on the Database Connection Settings screen. Select the intended SQL database server or enter the server name as "<Computer_Name>\SQLMDS" if the intended Server Name is not populated. The default Use Windows Authentication should be selected.

() 3M Molecular Detection System Setup		_ _ ×
Database Connection Settings Configure database connection		(
Server Name:		
SQLMDS	Test Connection	
 Use Windows Authentication 		
C Use SQL Server Authentication		
User name:		
Password:		
Use existing database		
Select database name:		
	< Back Next >	Cancel

 Click the [Test Connection] button to verify connection to the Server Name. If the test is successful, click [Next].

If the connection fails, enter the

<Computer_Name>\SQLMLDS as the

Server Name.



•Note: Use existing database is selected by default to connect to the existing database and preserve the data. If this option is not selected and you want to use the existing database, check the box and select the **Mds** database from the drop-down list. If a 3M Molecular Detection Software database is present, but you would like to create a new database, uncheck this setting. This will erase all data in the existing database. Note that a warning might be displayed if the existing database is different from the new database. Click [Yes] to update the database.

The database is not the database?	latest version. Do you want to update the
	Yes No
User name:	
Password:	
Use existing database	
Select database name:	

- 7. In the next three screens, the installation wizard asks for the Destination Folder, the locations for Application Shortcuts and the Start Menu Folder. You can modify the defaults for these fields if necessary however, the default values are recommended. Click [Next] to proceed through each screen.
 - a. Destination Folder This is the root installation directory for the 3M Molecular Detection Software.



b. 3M Molecular Detection System

Application Shortcuts — These are the locations where the installation wizard will place the 3M Molecular Detection Software shortcuts.



- c. Start Menu Folder This is the location within the Start menu where the installation wizard will place the 3M Molecular Detection Software shortcut.
- d. Click [Install].



8. A progress bar is shown. Click [Next] after progress bar is completed.

Installing		0
Please wait while 3M Molecular Detection 5	System is being installed.	
Extract: PasswordResetQuestions.sql 1	00%	
Show details		3

 Click [Finish] when the installation wizard displays the Completing the 3M Molecular Detection Software Setup Wizard screen.

	Completing the 3M Mo Detection System Set	lecula up Wiz	r zard	
3M	3M Molecular Detection System has b computer. Click Finish to close this wizard.	een install	ed on you	r
	< <u>B</u> ack	iish	Cano	el

First-time Installation

3M Molecular Detection Software Version 2-3-0-1 is packaged with the Microsoft® SQL Server® 2012 Express database platform, required for data storage. SQL Server will be installed automatically for a new software installation, prior to the installation of the 3M Molecular Detection Software.

Addition

- 1. Select the file Full Installation Software Version 2-3-0-1 (ZIP, 2.7 GB) and download. Save the file to temporary folder, extract the zip file and save contents to the folder 3M-MDS_2-3-0-1.
- 2. Locate the 3M-MDS_2-3-0-1 folder, open the folder and right-click on the 3M-MDS_2-3-0-1_February2018.exe file and select Run as administrator or Run with Elevated Privileges to start the installation wizard.

AdditionalComponents	2/13/2018 9:59 AM File folder	
3M-MDS_2-3-0-1_February2018.exe	Open	
<	Run as administrator	
E	Protect with RMS	>
	Troubleshoot compatibility	
	Pin to Start	
	Run with Elevated Privileges	
	McAfee File and Removable Media Protection	>
c	Scan for threats	
a	Cisco AMP For Endpoints	>
	Pin to taskbar	
	Restore previous versions	
	Send to	>
	Cut	
	Сору	
	Create shortcut	
	Delete	
	Rename	
	Properties	

3. The Readiness Tool is presented. Click on the [Continue] button to proceed with evaluating that the computer system meets the minimum requirements for installation of the 3M Molecular Detection Software.

3M 3M Mole	ecular Detection Syste	em - Readiness Tool	Х	3M 3M Molecular Detection System - Readiness Tool X
	USER HARDWARE SOFTWARE DATABASE	CLOSE ALL OTHER APPLICATIONS BEFORE CONTINUING WITH THIS TOOL. This Readiness Tool evaluates your computer system's readiness to install the 3M [™] Molecular Detection System Software. This tool: a. Evaluates if your computer meets the requirements for installation of the Software. b. Updates any computer settings and configurations needed for installation of the Software. C. Provides a list of additional actions required, if needed. Select the Continue button below to continue. Continue		LOSE ALL OTHER APPLICATIONS BEFORE CONTINUING WITH THIS TOOL. This Readiness Tool evaluates your computer Time to prepare system will be approximately 3 minutes Unter the to begin. If you do not wish to continue with system preparation, elect Exit button. Continue DataBase Certe Continue button below to continue.
3M 3M Mole SUMMAR Computer h 1:13:04 PM System re	ecular Detection Syste IY Name: DESKTOP-65 1 sady for 3M Molec	em - Readiness Tool SHPF96 12/19/2017 sular Detection System software installation	×	
For more Desktop\ Exit	information, see th 3M MDS Readiness	e detailed report s ToolReport Finish & Continue		Click the [Finish & Continue] to continue

 The Welcome screen is presented. It may take a few minutes for this screen to appear. Click [Next] to continue.



 a. SQL server installation will begin automatically if SQL database server is not detected on the computer. SQL Server 2008 will be installed on Windows® XP/Vista/7. SQL Server 2012 will be installed on Windows® 8/10.

SQL Server 2012
Please wait while Microsoft SQL Server 2012 Service Pack 1 Setup processes the current operation.
Microsoft SQL Server 2012 Service Pack 1 Express with Tools SP1
Preparing: C:\d7262c4d426ad463d6a769c10ef03a78\PCUSOU\SCENARIOENGINE.EXE
Cancel

Return to the 3M Molecular Detection System installation wizard after the SQL server installation screen closes.

 Read the 3M End User License Agreement, and click the [I Agree] button to accept the agreement to continue with the installation.

- 6. The following set of screens will be presented if the computer had SQL Server installed:
 - a. Select use existing SQL Server

3M Molecular Detection System Setup			-		\times
SQL Server					NUMB
SQL Server					J
Use existing SQL Server					
O Install Microsoft SQL Server Express Edition					
	< <u>B</u> ack	Next :	>	Ca	ncel

b. A list of existing SQL Database servers is provided on the Database Connection Settings screen. Select the intended SQL database server or enter the server name as "<Computer_Name>\SQLMDS" if the intended Server Name is not populated. The default Use Windows Authentication should be selected.

Database Connection Settings Configure database connection			
Server Name:			
SQLMDS		Test Connection	
Use Windows Authentication			
O Use SQL Server Authentication			
User name:			
Password:			
Use existing database			
Select database name:			
	*		

Click the [Test Connection] button to verify connection to the Server Name. If the test is successful, click [Next].

If the connection fails, enter the <Computer_Name>\SQLMLDS as the Server Name.



- Note: Use existing database is selected by default to connect to the existing database and preserve the data. If this option is not selected and you want to use the existing database, check the box and select the Mds database from the drop-down list. If a 3M Molecular Detection Software database is present, but you would like to create a new database, uncheck this setting. This will erase all data in the existing database.
- Note that a warning might be displayed if the existing database is different from the new database. Click [Yes] to update the database.

MMalanda Datasting Contant Cature	
3M Molecular Detection System Setu	ip example and exa
The database is not the lates database?	t version. Do you want to update the
	Yes No
User name:	
Password:	
Use existing database	
Select database name:	
Mds	▼ Test Connection
	< Back Next > Cancel

7. Enter customer info, click [Next]

3M Molecular Detection System Setup	– 🗆 X
Customer Information Enter customer information	
Customer name:	State/Province: Zip/Postal code:
Address2: Address3:	
City:	
	< Back Mext > Cancel

Administrator Settings			
Set administrator user name and password			J
Full Name:			
1			
User Name:			
Password:			
Confirm Password:			
< Back	Nevt >	Ca	ncel

8. Enter admin name, password and click [Next].

9. Set format for run ID and click [Next].

10. Configure custom fields as needed (or leave it default) and click **[Next].**

- Configure the location for importing and exporting of input and output files
- 3M Molecular Detection System Setup × Run ID Format Set format for Run ID Run ID Format: MMDDYYYY(%d) \sim < Back Next > Cancel 3M Molecular Detection System Setup \times Custom Fields Configuration Configure custom fields Sample Fields: Field 1: Field Name: Field Type: Field Values: Show: ~ 🔀 🕀 🖂 Field 1 V Sample Type List 🗸 Raw < Back Next > Cancel ③ 3M Molecular Detection System Setup \times Import/Export options Set Import/Export options Import: Default file location Browse... C:\Users\Raj Rajagopal\3M\3M Molecular Detection System\Impor Export: Default file location C:\Users\Raj Rajagopal\3M\3M Molecular Detection System\Expor Browse... < Back Next > Cancel
- 12. In the next three screens, the installation wizard asks for the Destination Folder, the locations for Application Shortcuts and the Start Menu Folder. You can modify the defaults for these fields if necessary. If you don't have a specific reason to modify these fields, the default values are recommended. Click **[Next]** to proceed through each screen.

 a. Destination Folder — This is the root installation directory for the 3M Molecular Detection Software.

- b. 3M Molecular Detection System Application Shortcuts — These are the locations where the installation wizard will place the 3M Molecular Detection Software shortcuts.
- c. Start Menu Folder This is the location within the Start menu where the installation wizard will place the 3M Molecular Detection Software shortcut.
- d. Click [Install]

🌍 3M Molecular Detection System Setup	– 🗆 X
Choose Install Location	Vanis
Choose the folder in which to install 3M Molec	Jar Detection System.
Setup will install 3M Molecular Detection Syste folder, click Browse and select another folder	m in the following folder. To install in a different Click Next to continue.
Destination Folder	Patertion Custom
C. Programmies (xoo) Shi Chimolecular	<u>Betterton system</u>
Space required: 1.7GB Space available: 176.3GB	
	< Back Next > Cancel
🌍 3M Molecular Detection System Setup	- 🗆 X
Set Up Shortcuts	
Create Program Icons	
Create icons for 3M Molecular Detection Syste	em:
On my Desktop	
🗹 In My Start Menu Programs folder	
In My Quick Launch bar	

3M Molecular Detection System Setup		-		×
hoose Start Menu Folder				Natio
Choose a Start Menu folder for the 3M Molecu	lar Detection System	shortcuts.		4
Select the Start Menu folder in which you woul can also enter a name to create a new folder.	d like to create the p	orogram's shor	tcuts. Yo	u
3M\3M Molecular Detection System				
Accessibility				
Administrative Tools				
Maintenance				
Microsoft Office 2016 Tools				
Microsoft SQL Server 2012 Microsoft SQL Server 2017				
Microsoft SQL Server Tools 17				
Microsoft SQL Server Tools 17 StartUp				
Microsoft SQL Server Tools 17 StartUp System Tools				
Microsoft SQL Server Tools 17 StartUp System Tools Windows PowerShell				
Microsoft SQL Server Tools 17 StartUp System Tools Windows PowerShell				
Microsoft SQL Server Tools 17 StartUp System Tools Windows PowerShell				

< Back Next > Cancel

13. A progress bar is shown. Click **[Next]** after progress bar is completed.



 Click [Finish] when the installation wizard displays the Completing the 3M Molecular Detection Software Setup Wizard screen.

3M Molecular Detection System	tem Setup	-		\times
	Completing the 3M Mo Detection System Set	leculai up Wiz	r ard	
3 M	3M Molecular Detection System has b computer. Click Finish to close this wizard.	een installe	ed on you	r
	< <u>B</u> ack	nish	Canc	el

Software Upgrades

3M Molecular Detection Assay 2 - Campylobacter

Assay icons are located on the left side of the Setup (Grid) view. Note that *Campylobacter* assay can be enabled or disabled using the software **Administration** > **Options...** in the main menu. *Campylobacter* assay is available under version 2.



DATABASE ARCHIVING

The performance of the 3M Molecular Detection Software can be improved by archiving older test results, which are no longer actively used, but might need to be retained for future reference or regulatory compliance. Archiving moves the selected results from the primary application database to another database on the SQL Database server.

Use the following steps for archiving MDS results:

1. Select **Archive** from the MDS Utility menu

File	Manage	Reports	Administration	MDS Utility	View	Help
S	Start Pag	je 🗶	08302017(3) 💥	Archive	1	
debar	Run Det	ails				

2. Select New Schedule

📶 Archive Details
New Schedule Archival Details:

3. Choose the desired **from** and **to** date and select **Schedule**

From	29-Aug-17	15	
То	29-Aug-17	15	
Schedule	27-Sep-1	17 12:38:00 PM 文 🔹	
	Schedule Can	cel	

4. An entry will be added to the Archival Details section with a Pending status.

Archive Det	tails							
New Sched	ule							
Archival Detai	ls:							
Archival Detail	ls: To Date	Scheduled On	Status	Archived On	Created On	Created By	Modified On	Modified By

5. Archiving will run automatically in the background. Archiving of data should take about 30 minutes and duration may vary depending on the computer system performance. A status of Completed will be displayed when the archiving process completes.

Archive De	tails							
New Sched	ule							
Archival Detai	ls:							
Archival Detai From Date	ls: To Date	Scheduled On	Status	Archived On	Created On	Created By	Modified On	Modified By

6. Archived results can be viewed by selecting **Reports > Search Results...**



7. Then select All Dates or enter the desired date range, and select the Generate button.

🛃 Search Results	5		X
Date Range		Run ID	
ODate From	20-Sep-17 15 To 27-Sep-17	15	
User		Restested	
0		• 0	
Assay Type		Instrument	
Salmonella	Listeria-2		•
E. coli 0157	L. monocytogenes-2	Sample ID	
Error			
Inspect		Customer	
Inhibited			
			Generate Cancel



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