

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.

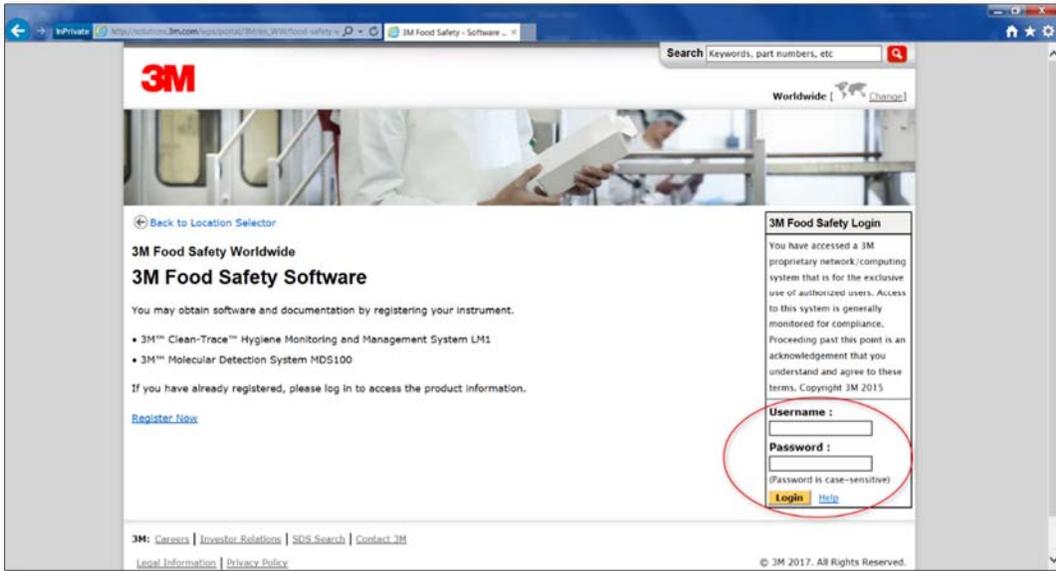
Minimum Computer/Server Requirements

- 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 (32- or 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 (http://solutions.3m.com/wps/portal/3M/en_WW/food-safety-worldwide/home/package-inserts/software-downloads/). 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**

- 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



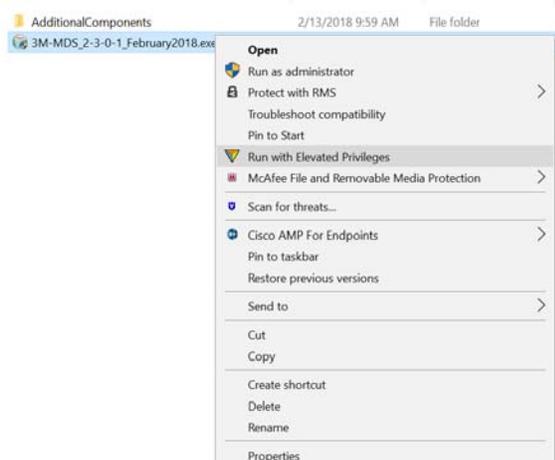
Installation and Upgrade Instructions

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

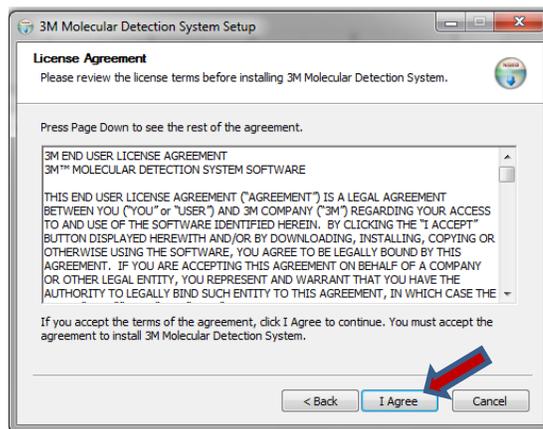
3M-MDS_2-3-0-1_February2018.exe file, right-click on the file and select **Run as administrator** or **Run with Elevated Privileges** to start the installation wizard.



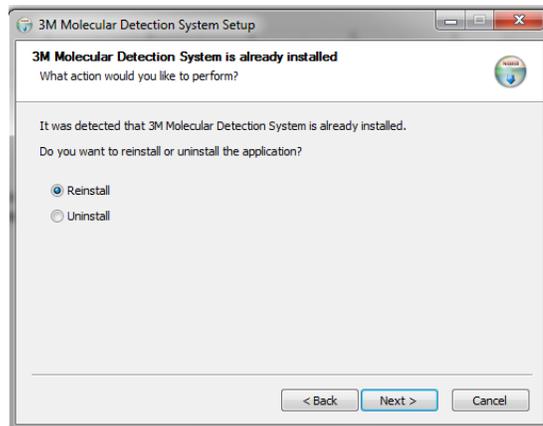
2. The **Welcome** screen is presented. It may take a few minutes for this screen to appear. Click [Next] to continue.



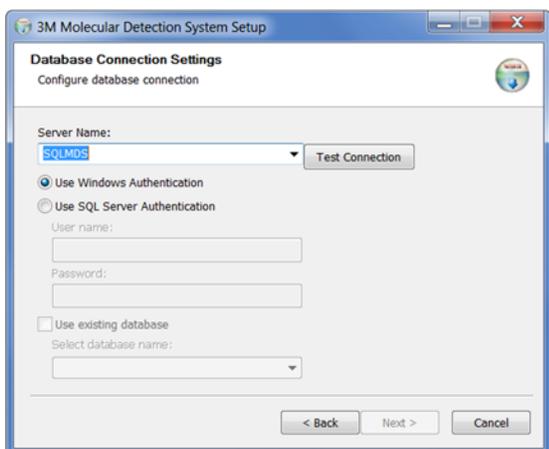
3. Read the 3M End User License Agreement, and click the [I Agree] button to accept the agreement to continue with the installation.



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

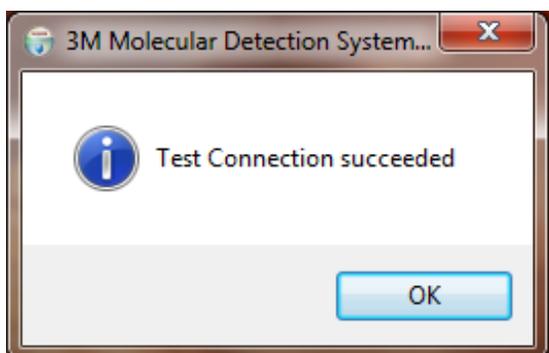


5. A list of existing SQL Database servers is provided on the **Database Connection Settings** screen. Select the intended SQL database server or enter the server name as “<Computer_Name>\SQLMDS” if the intended Server Name is not populated. The default Use Windows Authentication should be selected.



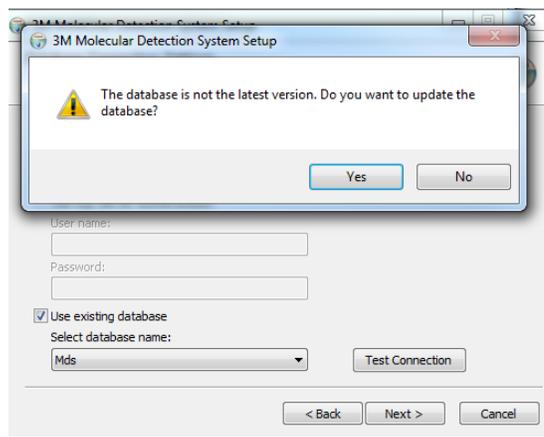
6. Click the [Test Connection] button to verify connection to the Server Name. If the test is successful, click [Next].

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

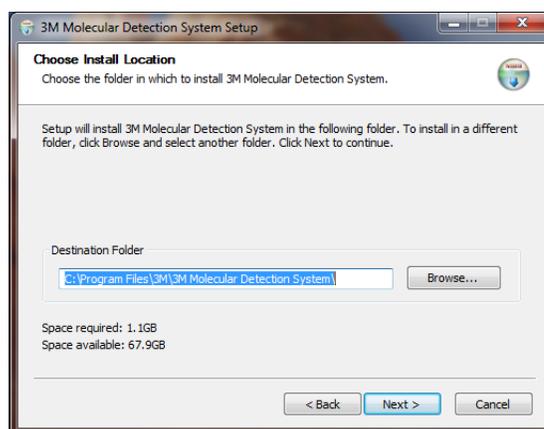


- Note: Use existing database is selected by default to connect to the existing database and preserve the data. If this option is not selected and you want to use the existing database, check the box and select the **Mds** database from the drop-down list. If a 3M Molecular Detection Software database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

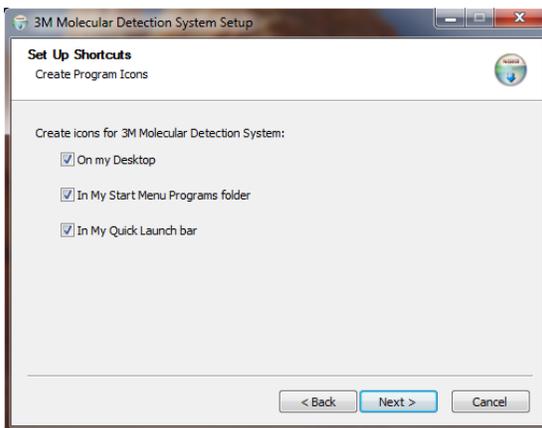
- Note that a warning might be displayed if the existing database is different from the new database. Click [Yes] to update the database.



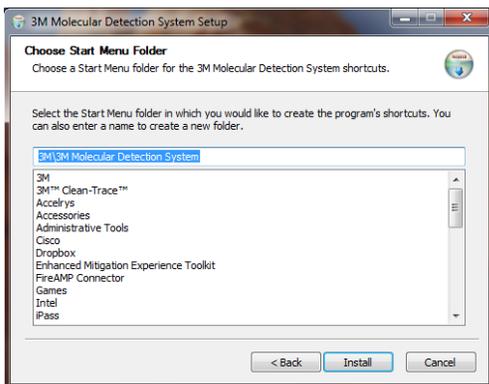
7. In the next three screens, the installation wizard asks for the Destination Folder, the locations for Application Shortcuts and the Start Menu Folder. You can modify the defaults for these fields if necessary however, the default values are recommended. Click [Next] to proceed through each screen.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



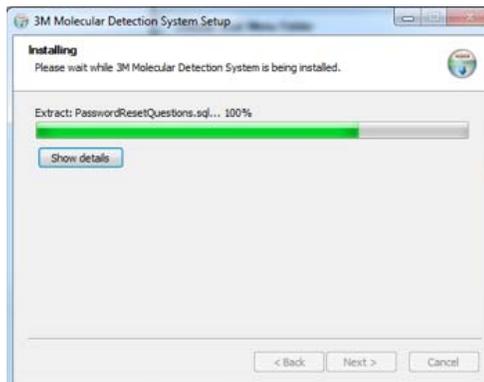
- b. 3M Molecular Detection System Application Shortcuts — These are the locations where the installation wizard will place the 3M Molecular Detection Software shortcuts.



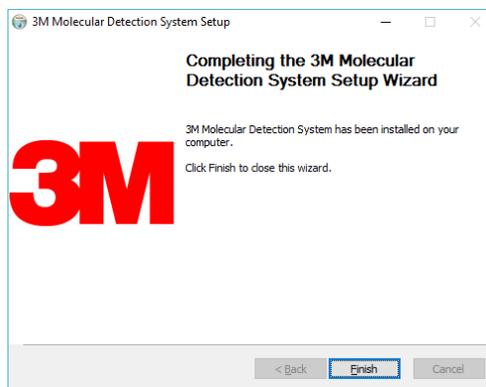
- c. Start Menu Folder – This is the location within the Start menu where the installation wizard will place the 3M Molecular Detection Software shortcut.
- d. Click [Install].



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



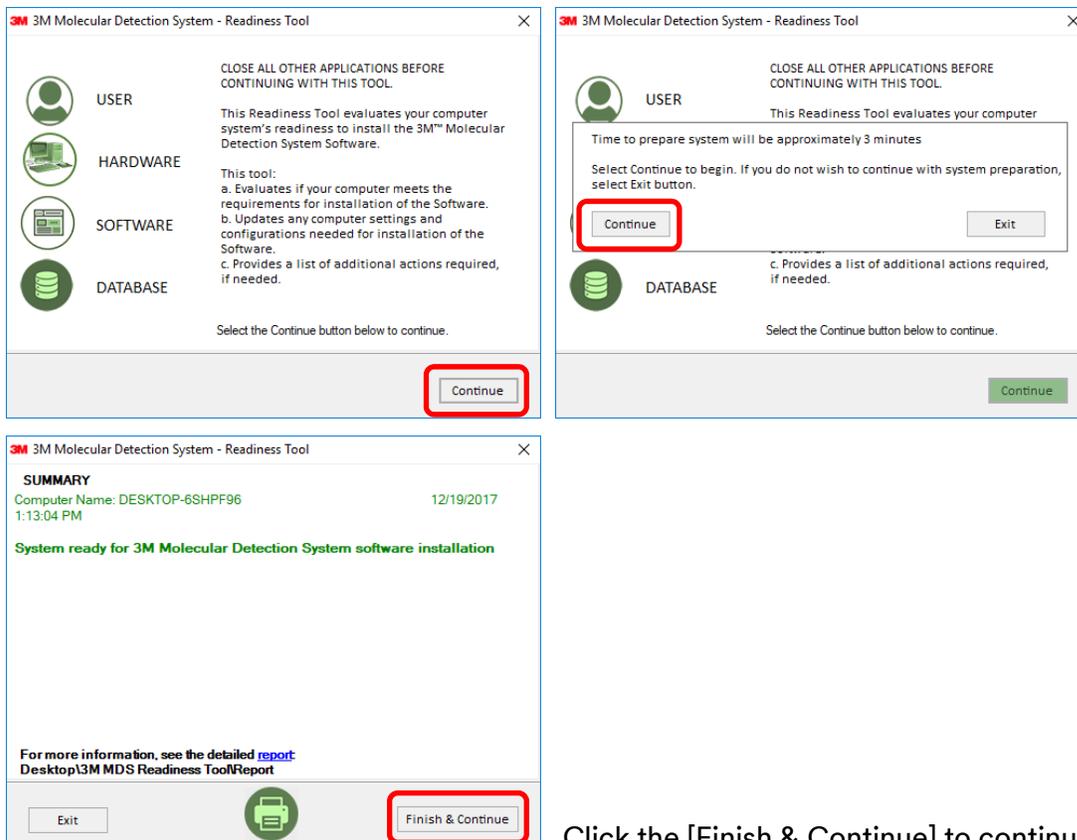
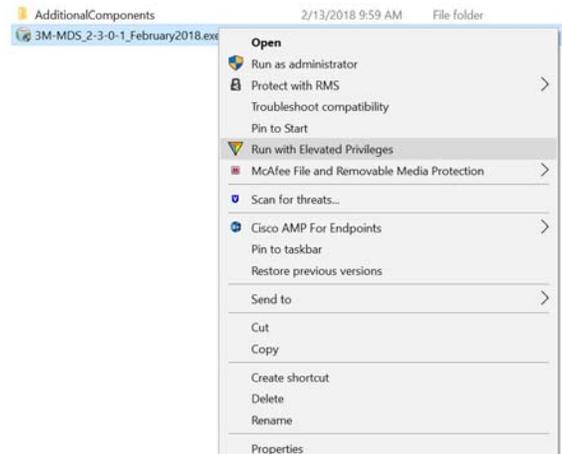
9. Click [Finish] when the installation wizard displays the **Completing the 3M Molecular Detection Software Setup Wizard** screen.



First-time Installation

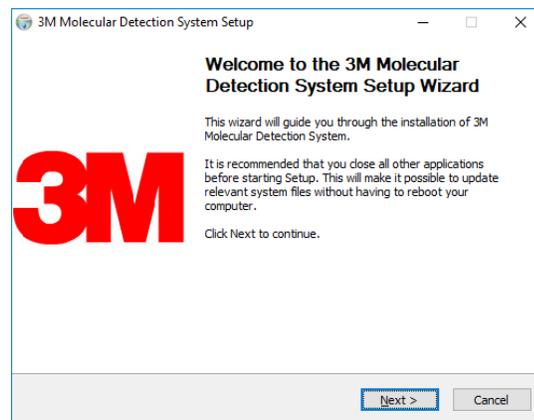
3M Molecular Detection Software Version 2-3-0-1 is packaged with the Microsoft® SQL Server® 2012 Express database platform, required for data storage. SQL Server will be installed automatically for a new software installation, prior to the installation of the 3M Molecular Detection Software.

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.
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.

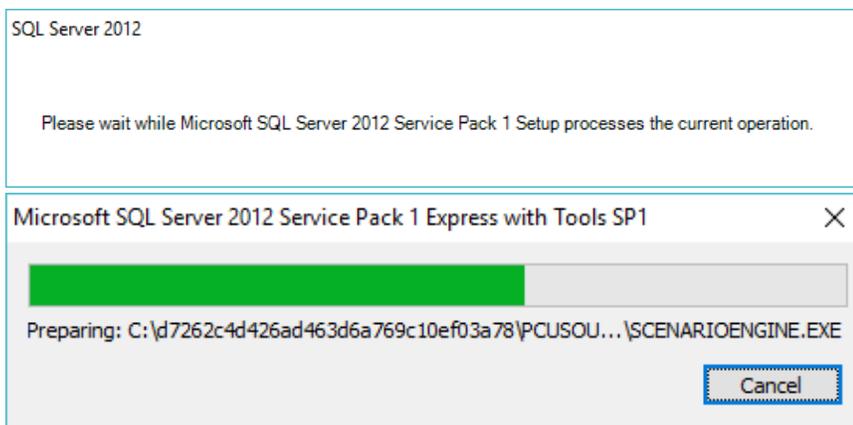


Click the [Finish & Continue] to continue.

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

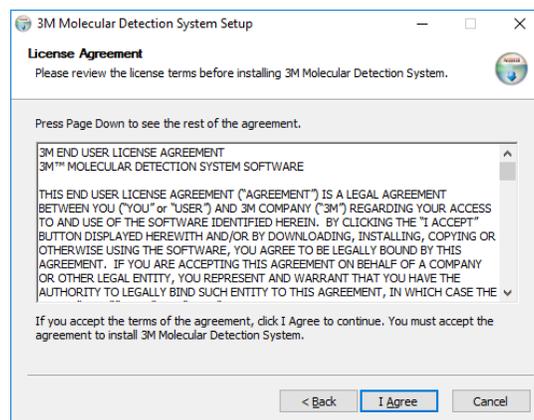


- a. SQL server installation will begin automatically if SQL database server is not detected on the computer. SQL Server 2008 will be installed on Windows® XP/Vista/7. SQL Server 2012 will be installed on Windows® 8/10.



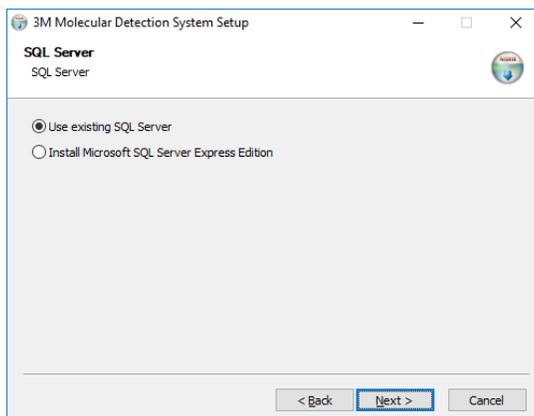
Return to the 3M Molecular Detection System installation wizard after the SQL server installation screen closes.

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

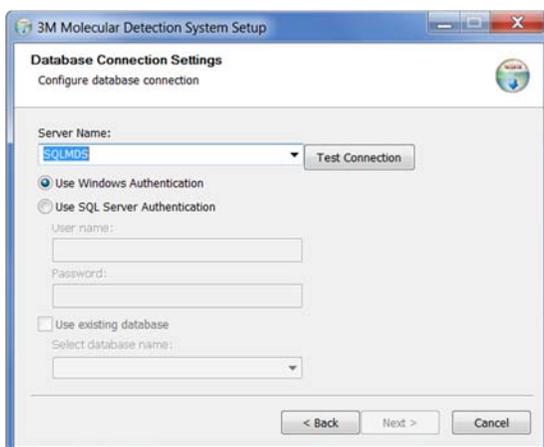


6. The following set of screens will be presented if the computer had SQL Server installed:

a. Select use existing SQL Server

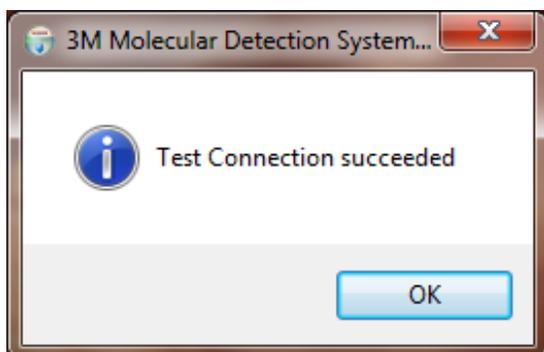


b. A list of existing SQL Database servers is provided on the **Database Connection Settings** screen. Select the intended SQL database server or enter the server name as “<Computer_Name>\SQLMDS” if the intended Server Name is not populated. The default Use Windows Authentication should be selected.

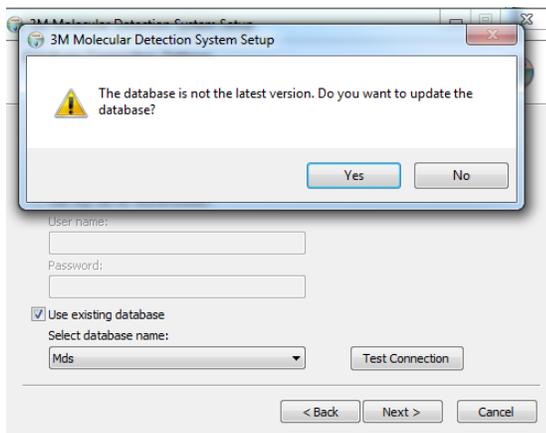


Click the [Test Connection] button to verify connection to the Server Name. If the test is successful, click [Next].

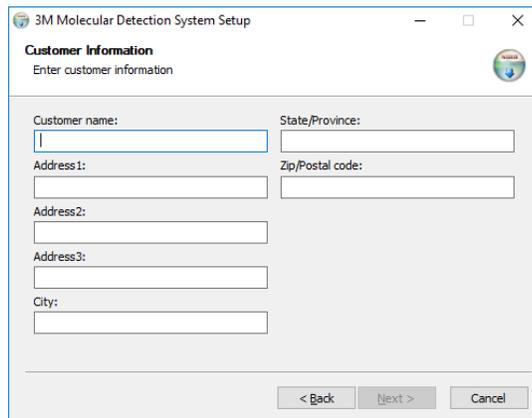
If the connection fails, enter the <Computer_Name>\SQLMLDS as the Server Name.



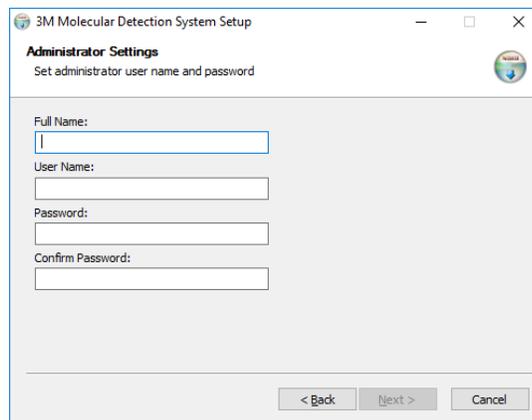
- Note: Use existing database is selected by default to connect to the existing database and preserve the data. If this option is not selected and you want to use the existing database, check the box and select the **Mds** database from the drop-down list. If a 3M Molecular Detection Software database 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.



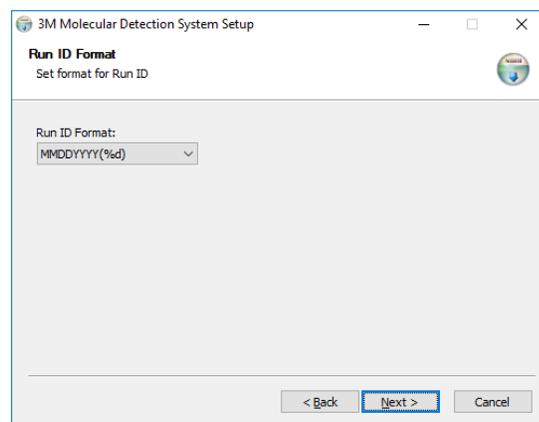
7. Enter customer info, click [Next]



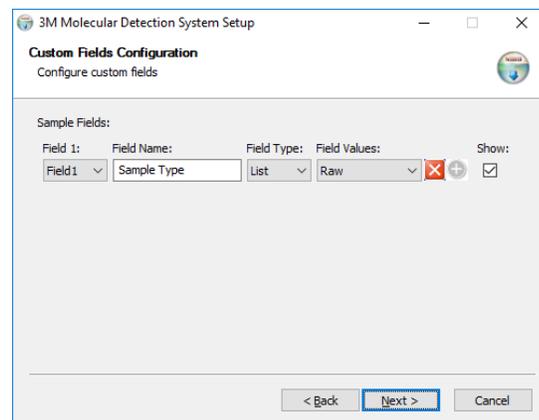
8. Enter admin name, password and click [Next].



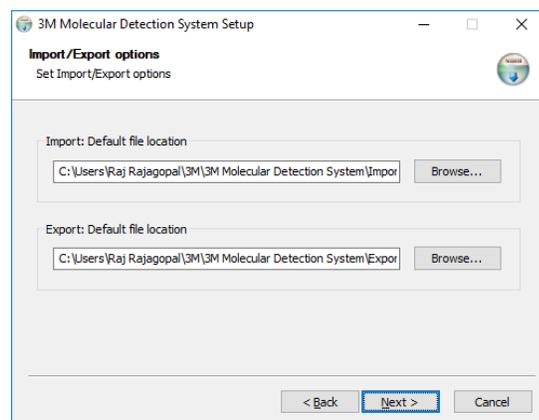
9. Set format for run ID and click **[Next]**.



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

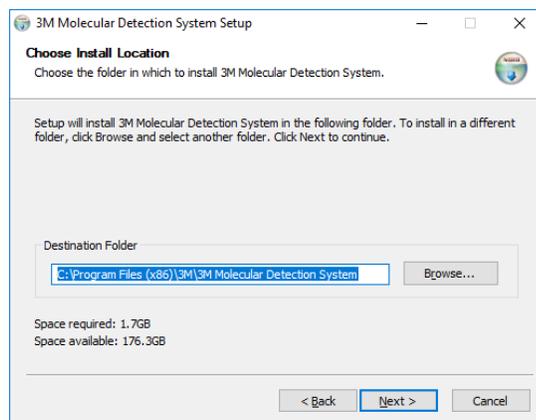


11. Configure the location for importing and exporting of input and output files

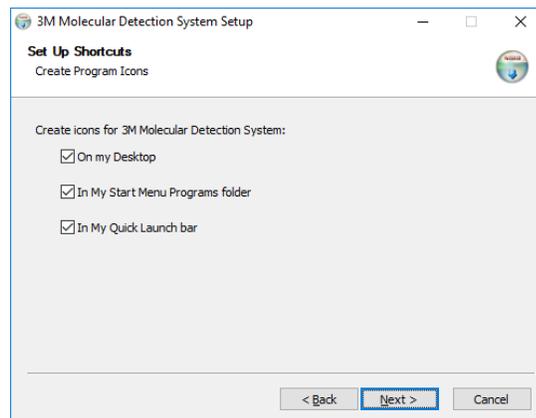


12. In the next three screens, the installation wizard asks for the Destination Folder, the locations for Application Shortcuts and the Start Menu Folder. You can modify the defaults for these fields if necessary. If you don't have a specific reason to modify these fields, the default values are recommended. Click **[Next]** to proceed through each screen.

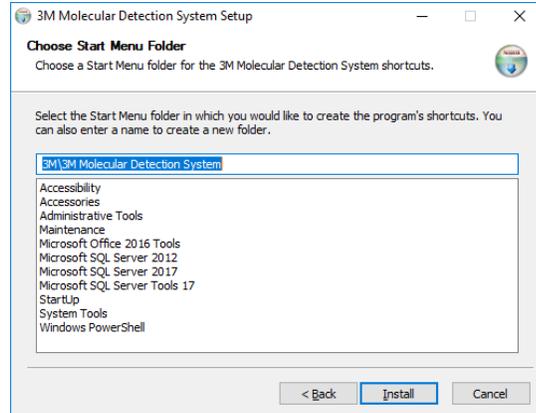
a. Destination Folder — This is the root installation directory for the 3M Molecular Detection Software.



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

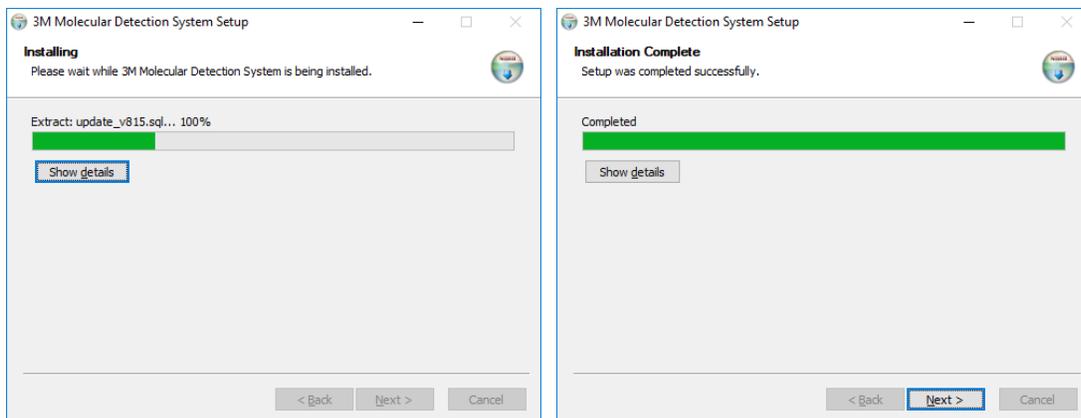


c. Start Menu Folder — This is the location within the Start menu where the installation wizard will place the 3M Molecular Detection Software shortcut.

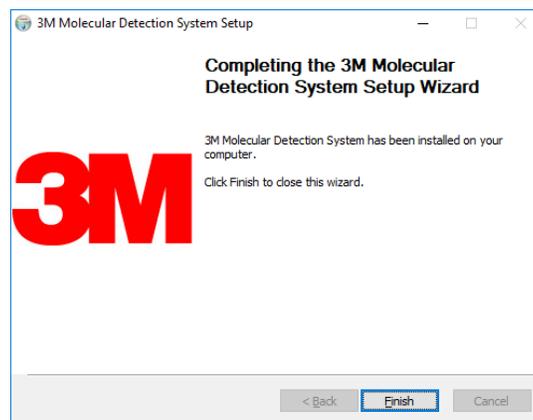


d. Click [Install]

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



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

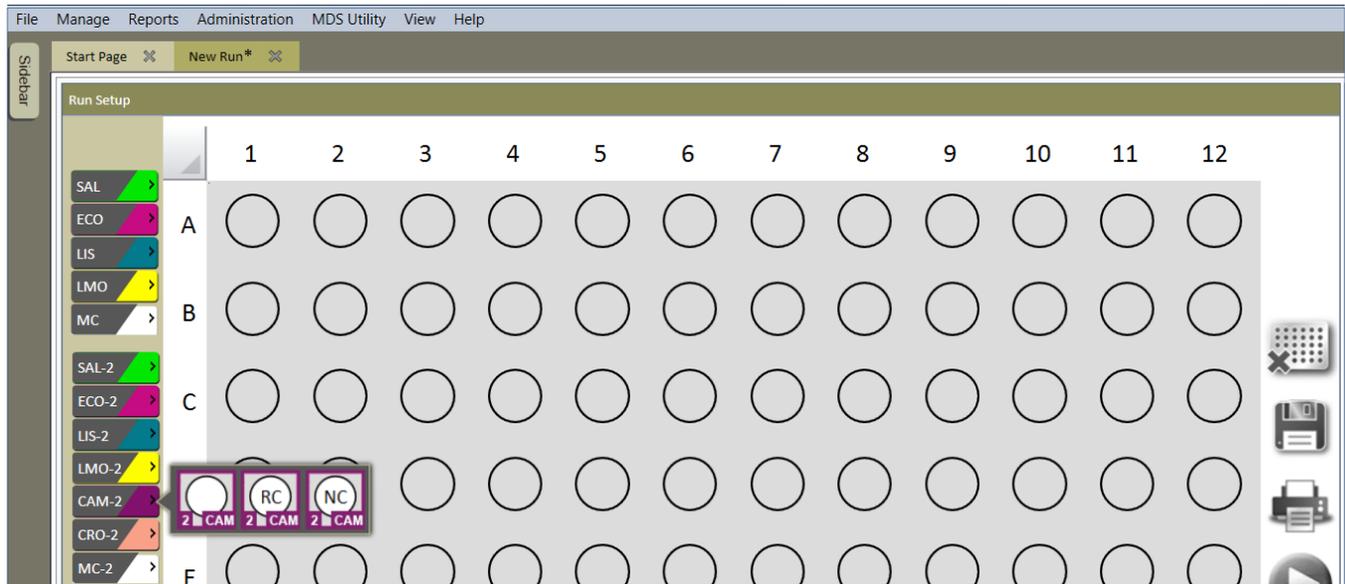


Software Upgrades

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.

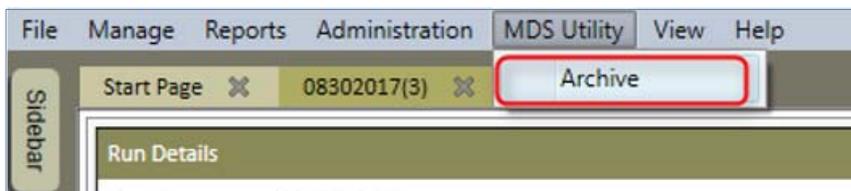


DATABASE ARCHIVING

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



2. Select **New Schedule**



- Choose the desired **from** and **to** date and select **Schedule**

Archive Details

From: 29-Aug-17

To: 29-Aug-17

Schedule: 27-Sep-17 12:38:00 PM

Schedule Cancel

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

Archive Details

New Schedule

Archival Details:

From Date	To Date	Scheduled On	Status	Archived On	Created On	Created By	Modified On	Modified By
8/29/2017	8/29/2017	9/27/2017 12:3t	Pending		9/27/2017 12:3t		9/27/2017 12:3t	

- 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.

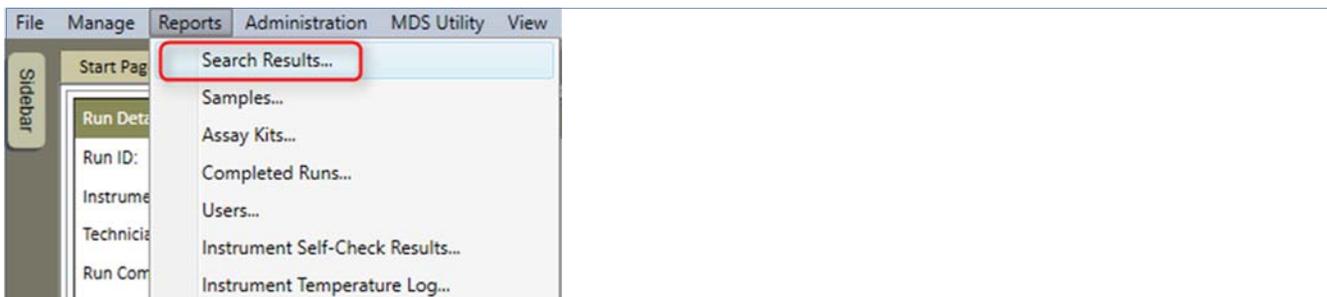
Archive Details

New Schedule

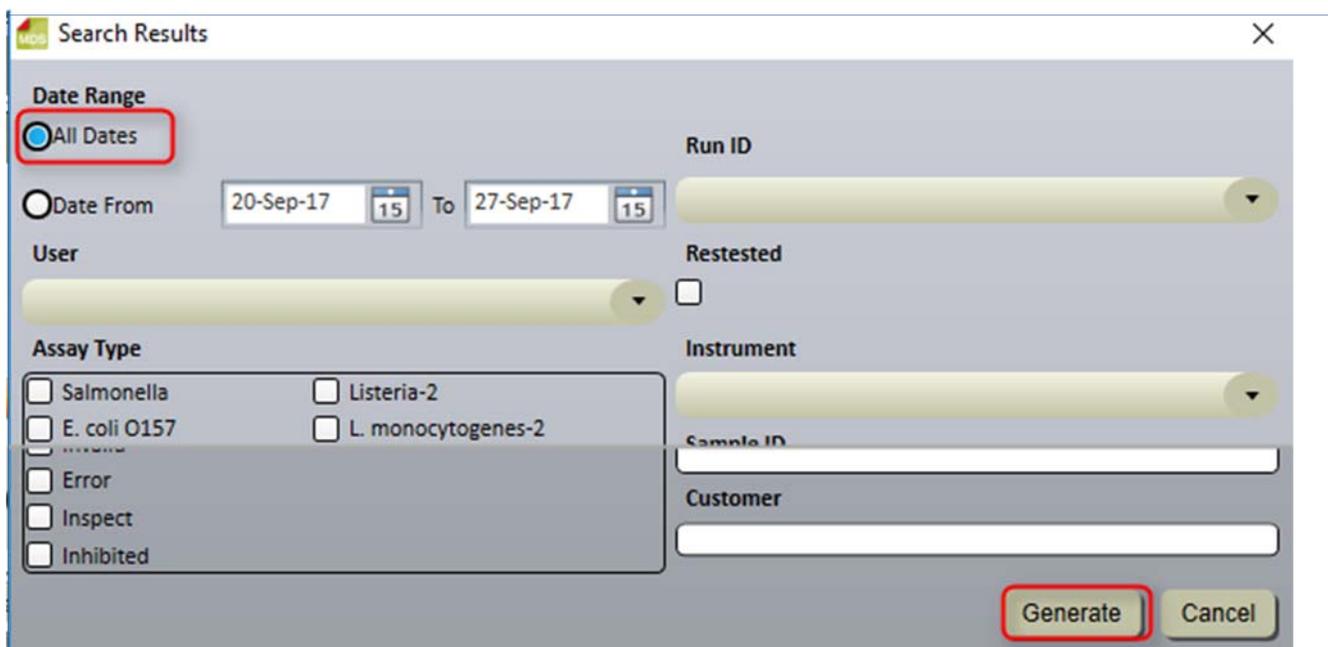
Archival Details:

From Date	To Date	Scheduled On	Status	Archived On	Created On	Created By	Modified On	Modified By
8/29/2017	8/29/2017	9/27/2017 12:4t	Completed		9/27/2017 12:4t	a	9/27/2017 12:4t	a

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.



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TB Number: 342837.03

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