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2087	9/8/2017 10:19:12 AM	36 mins	Main	FP Series RC [902252] Site	Complete	Open +	Operations +	<b>F</b>	
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# DSI FinePointe™

# Software v3.1

Installation Guide

# **Table of Contents**

Overview	3
Compatibility	3
Planning Your Installation	3
Important Note About Upgrading to SQL Server 2019	3
Items Required for the Installation	3
FinePointe™ Software Suite Components	4
FinePointe™ Controller Sever	4
FinePointe™ Review Client Only	5
FinePointe™ Member Server	5
Common Installation Scenarios	6
New FinePointe <sup>™</sup> Installation	6
FinePointe™ Upgrade with a SQL 2019 Upgrade	6
FinePointe™ Upgrade with no SQL Server Upgrade	7
FinePointe <sup>™</sup> Review Client Only Installation	7
FinePointe™ Installation Guides	8
FinePointe™ Setup Wizard Notes	8
Unprocessed Data Files	8
Custom XML Files	8
The FinePointe™ Installation Kit Menu	9
New FinePointe™ Installation Guide	10
FinePointe™ Upgrade with a SQL Server 2019 Upgrade Guide	17
FinePointe™ Upgrade with No SQL Server Upgrade Guide	43
FinePointe™ Review Client Only Installation Guide	53
FinePointe™ Controller Server Configuration	58
FinePointe™ Client Configuration	62
Appendix	64
Manual SQL Server 2019 Installation	64
FinePointe™ License Dongle Upgrade File Installation	64
Manual Device Driver Installation	67
FinePointe <sup>™</sup> Device Driver Installation	67
Sentinel HASP HL License Dongle Driver Installation	70
Upgrade All Studies – For upgrades to systems with existing studies	73
FinePointe™ Workstation Security Configuration	74
Contact Information	75
DSI Technical Support	75

# **Overview**

This guide covers the installation and configuration of the FinePointe<sup>™</sup> 3.1 software application. All details are covered, including the installation of the hardware device drivers, FinePointe<sup>™</sup> license upgrades, and upgrading to SQL Server 2019.

# Compatibility

FinePointe<sup>™</sup> 3.1 is compatible with the following operating systems:

- Windows 10 64-bit Professional or Enterprise
- Windows 11 64-bit Professional or Enterprise

# **Planning Your Installation**

Please read through this section completely before starting your installation. The information provided will help you select the correct installation options that apply to your system.

## Important Note About Upgrading to SQL Server 2019

FinePointe<sup>™</sup> 3.1 is the first FinePointe<sup>™</sup> release to include Microsoft SQL Server 2019. All versions released since FinePointe<sup>™</sup> 2.4.6 in 2017 have included SQL Server 2014. SQL Server 2019 will be installed by default when performing a new installation. **If you are upgrading a previous version of FinePointe<sup>™</sup> with SQL server 2014 (or** *earlier*) installed, we recommend that you upgrade to SQL Server 2019 to insure future compatibility. SQL Server 2014 is nearing obsolescence, and many IT groups are requiring users to upgrade to SQL 2019. Detailed instructions on upgrading to FinePointe<sup>™</sup> 3.1 and SQL Server 2019 are in the <u>FinePointe Upgrade with a SQL 2019</u> <u>Upgrade Guide</u> section below.

## **Items Required for the Installation**

The following items are required to successfully complete the FinePointe<sup>™</sup> 3.1 installation:

- FinePointe<sup>™</sup> 3.1 installation kit This kit includes all the software you need to complete the installation. The installation kit is located on the USB flash drive that was included with your system. It also may have been shipped to you separately as a software upgrade. The installation kit can also be downloaded from the DSI technical support center website at this address: <a href="https://support.datasci.com/hc/en-us">https://support.datasci.com/hc/en-us</a>
- FinePointe<sup>™</sup> USB license dongle This is the USB device that contains your FinePointe<sup>™</sup> license. It was included with your new system. If you are upgrading an existing installation, you will need upgrade the USB dongle to version 3.1.x using a license upgrade file. The instructions for this process are in the appendix at the end of this guide.
- Windows administrator access You must be logged into Windows as an administration to install and initially configure FinePointe<sup>™</sup>. Contact your IT department if you don't have access. Our technical support team can answer any questions they might have about the installation. Please note that administrator access is not required to use the system on a daily basis.

• Workstation security requirements – The Windows firewall, antivirus, and any additional security software must be configured to allow all required FinePointe<sup>™</sup> and Microsoft SQL Server components to run on the workstation. Your IT department may need to assist with this. The requirements are listed in the Workstation Security Configuration section in the appendix.

## **FinePointe™ Software Suite Components**

This section describes the various components of the FinePointe<sup>™</sup> software suite. The system can be configured as a FinePointe<sup>™</sup> Controller Server, a Review Only client, or a Member Server.

#### **FinePointe™ Controller Sever**

The FinePointe<sup>™</sup> Controller Server is the core of any stand-alone or networked FinePointe<sup>™</sup> system. All tasks can be performed on the Controller Server, including the following:

- FinePointe<sup>™</sup> hardware configuration
- Data collection from FinePointe<sup>™</sup> hardware
- Study creation and configuration
- Data review and analysis
- Creating reports and exporting study data
- Data archiving
- Managing user accounts and security

The FinePointe<sup>™</sup> Controller server consist of the following programs:

- FinePointe<sup>™</sup> Review This is the main application that you use on a daily basis to run the system. All data collection and data management tasks are performed here. FinePointe<sup>™</sup> Review is launched from the desktop.
- FinePointe<sup>™</sup> Station This application manages all data recording sessions. FinePointe<sup>™</sup> Station is launched automatically from within FinePointe<sup>™</sup> Review when you start a data collection session.
- FinePointe<sup>™</sup> Control Panel Control Panel is used to configure the system. It is not usually used on a daily basis. Some of the functions include creating connections to the hardware, managing user accounts, license management, and SQL Server connections. FinePointe<sup>™</sup> Control Panel is launched from the desktop and requires a local Windows Administrators account to launch.
- FinePointe<sup>™</sup> Server Service The FinePointe<sup>™</sup> Server Service is a Windows service program. It manages all core system functions including linking the FinePointe<sup>™</sup> programs listed previously to the Microsoft SQL Server. This service is automatically launched when Windows starts and is always running in the background. It must be running to launch the FinePointe<sup>™</sup> Review and FinePointe<sup>™</sup> Control programs.
- Microsoft SQL Server 2019 SQL Server 2019 is Microsoft's proprietary relational database management system. FinePointe<sup>™</sup> stores all study data recorded with FinePointe<sup>™</sup> hardware in SQL databases.

#### **FinePointe™ Review Client Only**

The FinePointe<sup>™</sup> Review Client Only is a version of FinePointe<sup>™</sup> Review that is installed on another workstation for remotely Reviewing study data that is located on a FinePointe<sup>™</sup> Controller Server. This allows a user to Review study data from another location instead of from the system in the lab. Both workstations must be on the same network subnet, and the Controller server workstation must be powered on for access.

# Two Review Client Only licenses are included with each FinePointe<sup>™</sup> Controller Server license. Please contact your DSI sales team if additional licenses are needed.

A FinePointe<sup>™</sup> Review Only Client can perform the following tasks:

- Study creation and configuration
- Data review and analysis
- Creating reports and exporting study data
- Data archiving

The FinePointe<sup>™</sup> Review Client Only version consist of the following programs:

• FinePointe<sup>™</sup> Client Only – This is the only FinePointe<sup>™</sup> program that is required for this installation. The Review Client Only version is launched from the desktop.

#### **FinePointe™ Member Server**

The FinePointe<sup>™</sup> Member server is a networked workstation that can record and review study data. The data is saved over the network to a FinePointe<sup>™</sup> Controller Server. This allows you to collect data from the Controller Server in one laboratory, and from Member servers in different laboratories and have it saved to a central location for all to access. Like a Review Only Client, a Member Server depends on a connection to a FinePointe<sup>™</sup> Controller Server function. Both workstations must be on the same network subnet, and the Controller server workstation must be powered on for access. **FinePointe<sup>™</sup> Member Server Licenses must be purchased separately from the FinePointe<sup>™</sup> Controller license. Please contact your DSI sales team if additional licenses are needed.** 

A FinePointe<sup>™</sup> Member Server can perform the following tasks:

- FinePointe<sup>™</sup> hardware configuration
- Data collection from FinePointe<sup>™</sup> hardware
- Study creation and configuration
- Data review and analysis
- Creating reports and exporting study data
- Study archiving

A FinePointe<sup>™</sup> Member Server consist of the following programs:

- FinePointe<sup>™</sup> Review This is the main application that you use on a daily basis to run the system. All data collection and data management tasks are performed here. FinePointe<sup>™</sup> Review is launched from the desktop.
- **FinePointe<sup>™</sup> Station** This application manages all data recording sessions. FinePointe<sup>™</sup> Station is launched automatically from within FinePointe<sup>™</sup> Review when you start a data collection session.
- FinePointe<sup>™</sup> Control Panel On a Member Server, FinePointe<sup>™</sup> Control Panel is only used to configure the software installation settings and the hardware configurations. It is not used to manage user accounts and security settings. Those tasks are only managed on the Controller Server. The FinePointe<sup>™</sup> Control Panel is launched from the desktop and requires a local Windows Administrators account to launch.

• FinePointe<sup>™</sup> Server Service – The FinePointe<sup>™</sup> Server Service is a Windows service program. It manages all core system functions including linking the FinePointe<sup>™</sup> Member Server to the Controller Server. This service is automatically launched when Windows starts and is always running in the background. It must be running to launch the FinePointe<sup>™</sup> Review and FinePointe<sup>™</sup> Control programs.

## **Common Installation Scenarios**

There are four FinePointe<sup>™</sup> installation scenarios that apply to most installations. Please read through the descriptions below and select the scenario that applies to your system. After you make your selection, proceed to the matching section for the step-by-step installation guide.

Please note that this installation guide does not cover installing and configuring FinePointe<sup>™</sup> Member Servers. Contact the DSI technical support team at this website for assistance with installing this product: <u>https://support.datasci.com/hc/en-us</u>

### **New FinePointe™ Installation**

Select this installation scenario if all the following statements are true:

- FinePointe<sup>™</sup> has never been installed on the workstation before.
- The workstation will be used as the primary data collection and data review system.
- The workstation will be connected to the FinePointe<sup>™</sup> hardware.
- Microsoft SQL Server 2019 has not been installed on the workstation.

Software installed automatically when running the FinePointe<sup>™</sup> setup program:

- FinePointe<sup>™</sup> Server and Client
- Microsoft SQL Server 2019
- FinePointe<sup>™</sup> hardware device drivers
- Sentinel HASP USB license dongle drivers

If you select this scenario, follow the installation instructions in the, <u>New FinePointe<sup>™</sup> Installation Guide</u>.

#### FinePointe<sup>™</sup> Upgrade with a SQL 2019 Upgrade

Select this installation scenario if all the following statements are true:

- You want to upgrade a previous version of FinePointe<sup>™</sup> to FinePointe<sup>™</sup> 3.1.
- The workstation is the primary data collection and data review system.
- The workstation is connected to the FinePointe<sup>™</sup> hardware.
- You want to upgrade an older version of Microsoft SQL Server to SQL Server 2019. (*The SQL Server 2019 upgrade supports upgrading from SQL Server 2012 and above*).

Software automatically upgraded when running the FinePointe<sup>™</sup> setup program:

- FinePointe<sup>™</sup> Server and Client
- FinePointe<sup>™</sup> hardware device drivers
- Sentinel HASP USB license dongle drivers

#### Software you will need to install separately from the FinePointe<sup>™</sup> installation:

• Microsoft SQL Server 2019 upgrade

For more information on the SQL Server 2019 upgrade see the previous section, <u>Important Note About Upgrading</u> to SQL Server 2019. If you select this scenario, follow the installation instructions in the <u>FinePointe™ Upgrade with</u> a SQL 2019 Upgrade Guide.

#### FinePointe<sup>™</sup> Upgrade with no SQL Server Upgrade

Select this installation scenario if all the following statements are true:

- A previous version of FinePointe<sup>™</sup> is already installed on the workstation.
- The workstation is the primary data collection and data review system.
- The workstation is connected to the FinePointe<sup>™</sup> hardware.
- Microsoft SQL Server 2019 is already installed and configured.

Software automatically upgraded when running the FinePointe<sup>™</sup> setup program:

- FinePointe<sup>™</sup> Server and Client
- FinePointe<sup>™</sup> hardware device drivers
- Sentinel HASP USB license dongle drivers

If you select this scenario, follow the installation instructions in the <u>FinePointe™ Upgrade with no SQL Server</u> <u>Upgrade Guide</u>.

#### **FinePointe™ Review Client Only Installation**

Select this installation scenario if all the following statements are true. Please note that SQL Server 2019 does not need to be installed on the Client Only workstation:

- You only need to review data, create reports, and export data on the workstation.
- You don't need to record data or connect to the FinePointe<sup>™</sup> hardware.
- The FinePointe<sup>™</sup> Controller Server is connected to the network and on the same subnet.

If you select this scenario, follow the installation instructions in the <u>FinePointe<sup>™</sup> Review Client Only Installation</u> <u>Guide</u>.

# FinePointe<sup>™</sup> Installation Guides

This section contains installation notes and the detailed FinePointe<sup>™</sup> installation guides. Each installation guide matches the installation scenarios described in the previous section.

### FinePointe<sup>™</sup> Setup Wizard Notes

#### **Unprocessed Data Files**

When the FinePointe<sup>™</sup> Setup Wizard is launched and a previous version of FinePointe<sup>™</sup> is installed, the setup program checks for unprocessed data files in several system folders. If any of these folders contain data, the following error message appears. We highly recommend that you DO NOT proceed with the FinePointe<sup>™</sup> upgrade if this message appears. Contact DSI technical support at our support website for assistance with the unprocessed data: <u>https://support.datasci.com/hc/en-us</u>



#### **Custom XML Files**

FinePointe<sup>™</sup> uses several XML text files to store system settings. Upgrading FinePointe<sup>™</sup> will affect custom modifications made to the XML files saved in the FinePointe Data\Profiles folder. For example, the **Algorithm.xml** file might have been modified to support custom analysis requirements for a unique application. Any changes made to the Profile XML files were likely done with the assistance of the Technical Support staff.

The FinePointe<sup>™</sup> Setup wizard will make a backup copy of all Profile XML files and save them to a backup folder within the Profile folder, before overwriting the existing XML files. Therefore, if any Profile XML files have had customizations, those customizations will be retained and will be available in the backup folder.

If you have reason to believe you have had customizations made to any Profile XLM files, it is recommended that you contact Technical Support to get assistance determining if your customization(s) need to be added to the new FinePointe<sup>™</sup> 3.1 Profile XML files. In many cases, previous customizations made to Profile XML files to support unique applications have been integrated into the new version of FinePointe<sup>™</sup>.

## The FinePointe<sup>™</sup> Installation Kit Menu



FinePointe<sup>™</sup> installation kit menu choices:

- Installations Instructions Opens the FinePointe<sup>™</sup> installation guide.
- Install FinePointe<sup>™</sup> 3.1.0 Launches the FinePointe<sup>™</sup> Setup Wizard.
- Install Recordit Launches the Recordit video camera recording software setup program. The Recordit installation instructions are located is a separate installation guide located in the Manuals and Documents folder (see the next item).
- Manual and Documents This opens the folder in the installation kit that contains all of the FinePointe<sup>™</sup> system manuals and other helpful documents.
- Online Support Opens the DSI technical support website if the workstation is connected to the internet.
- Exit Closes the FinePointe<sup>™</sup> installation kit menu.

## New FinePointe<sup>™</sup> Installation Guide

This section covers the installation procedure for a new FinePointe<sup>™</sup> installation. See the <u>New FinePointe<sup>™</sup></u> <u>Installation Scenario</u> section above to decide if this is the correct installation option for your system.

- 1. Turn on the workstation and log in as a Windows administrator.
- 2. Find the FinePointe<sup>™</sup> installation kit, generally provided on a DSI flash drive or downloaded through the DSI technical support website. For this installation guide, the flash drive is mapped to drive F: when plugged into your PC. Your system may map it to a different drive, and if it does, replace the F: with that drive letter.
- 3. Locate this folder in the installation kit: F:\FinePointe<sup>™</sup> 3.1.0
- 4. Double-click the file named **Install.exe.**

Name	Date modified	Туре
Documents	6/29/2023 7:48 AM	File folder
FinePointe	6/29/2023 7:44 AM	File folder
Recordit	6/29/2023 7:46 AM	File folder
Install.exe	5/19/2023 3:14 PM	Application

5. The FinePointe<sup>™</sup> installation kit menu will open.



- 6. Select **Install FinePointe™ 3.1.0** from the menu.
- 7. At this point, a Windows security message might open asking you if you want to allow the FinePointe<sup>™</sup> setup program to run. If the message appears, select **Yes**. If the message does not appear, proceed to the next step.
- 8. The *FinePointe™ Setup Wizard* will appear. Select **Next**.

	Welcome to the FinePointe Setup Wizard
HOW	This will install FinePointe version 3.1.0 on your computer. It is recommended that you close all other applications before continuing. Click Next to continue, or Cancel to exit Setup.
	Next Cancel

9. The Select Destination Location screen will appear. Accept the default and click Next.

🛃 Setup - FinePointe	_		$\times$
Select Destination Location Where should FinePointe be installed?			
Setup will install FinePointe into the following folder. To continue, click Next. If you would like to select a different folde	r, dick E	Browse.	
C:\Program Files\DSI\FinePointe		Browse.	
At least 43.9 MB of free disk space is required.			
Back	lext	(	Cancel

10. The Select Components screen will appear. Select Client and Server Installation, with SQL Server and click Next.



11. The Select Start Menu Folder screen will appear. Accept the default and click Next.

Setup - FinePoin	te		-		×
Select Start Mer Where should S	<b>u Folder</b> etup place the program's shortcut	s?		(	- CO
To continue, dia	will create the program's shortcut	s in the following St	art Menu click Brov	ı folder. wse.	
FinePointe			Bro	wse	
		Back Nex	ct	Can	ncel

12. The Select Additional Tasks screen will appear. If desired, create a shortcut icon on the desktop to start FinePointe<sup>™</sup>. Click **Next**.

Setup - FinePointe				×
Select Additional Tasks				FR
Which additional tasks should be performed?			(	IION
Select the additional tasks you would like Setup to perf then dick Next.	form while insta	lling Fir	nePointe,	
Additional shortcuts:				
Create a desktop shortcut				
			-	

13. The *Ready to Install* screen will appear. Review the selected options, then click **Install**.

eady to Install			7
Setup is now ready to begin installi	ing FinePointe on your computer	•	
Click Install to continue with the ins change any settings.	stallation, or click Back if you war	nt to review	v or
Setup type: Client and Server Installation,	with SQL Server		^
Selected components:			
Review Client Files			
Station Client Files			
SOL Server			
Sentinel HASP Driver			
USB Driver			
Additional tasks:			
Additional shortcuts:			~
<			>

14. The FinePointe<sup>™</sup> installation will begin.



15. Shortly after the FinePointe<sup>™</sup> installation starts, the Microsoft SQL Server installation will begin. Click **OK** when prompted. The SQL Server installation will take about 10 minutes.

Setup - FinePointe		x
Installing Please wait while Setup installs FinePointe on your computer.		
		)
Setup		
SQL Server will now be installed. This may take a fev	v minutes.	J
	ОК	
	Can	cel

16. Several different screens will appear during the automated SQL Server installation. Allow the installation to proceed without interruption.

1 SQL Server 2019 Setup		-		×
Installation Progress				
Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Install_conn_info_Cpu64_Action : PublishProduct. Publishing product information			
	Next	•	Cancel	

17. When the SQL Server installation completes click Close.

SQL Server 2019 Setup		-	- 0	×
Complete Your SQL Server 2019 installat	ion completed successfully with product updates.			
nstall Rules	Information about the Setup operation or possible	next steps:		
Cature Pules	Feature	Status		1
	Data Quality Services	Succeeded		
nstance Configuration	Full-Text and Semantic Extractions for Search	Succeeded		
erver Configuration	Database Engine Services	Succeeded		
Database Engine Configuration	SQL Browser	Succeeded		
eature Configuration Rules	SQL Writer	Succeeded		
leady to Install	Client Tools Backwards Compatibility	Succeeded		
estellation Des serves	Client Tools SDK	Succeeded		_
	Details:			
	I Summary log file has been saved to the following lo <u>C\Program Files\Microsoft SQL Server\150\Setup B</u> desire-01_20210921_094940.txt	cation: Sootstrap\Log\20210921_094940\Sum	imary cloud	-

18. The FinePointe<sup>™</sup> installation will continue and the FinePointe<sup>™</sup> and the Sentinel HASP device drivers will install. Agree to any security messages regarding the device driver installations.

19. After the device drivers have installed, the *Completing the FinePointe™ Setup Wizard* screen will appear. Click **Finish.** 

➡ Setup - FinePointe	- • ×
Ton	Completing the FinePointe Setup Wizard Setup has finished installing FinePointe on your computer. The application may be launched by selecting the installed shortcuts. Please review the section titled 'Upgrade All Studies' in the Installation Guide. Click Finish to exit Setup.
	Finish

- 20. The New FinePointe<sup>™</sup> installation is complete. Next, proceed to the <u>FinePointe<sup>™</sup> Controller Server</u> <u>Configuration</u> section.
- 21. After the Controller Server configuration is complete, go to the <u>FinePointe<sup>™</sup> Client Configuration</u> section and complete the configuration steps.

# FinePointe<sup>™</sup> Upgrade with a SQL Server 2019 Upgrade Guide

This section contains the procedures for upgrading FinePointe<sup>™</sup> to version 3.1 and upgrading SQL Server to SQL Server 2019. See the <u>FinePointe<sup>™</sup> Upgrade with a SQL 2019 Upgrade Scenario</u> section above to decide if this is the correct installation option for your system.

- 1. Turn on the workstation and log in as a Windows administrator.
- We strongly advise that you archive all FinePointe<sup>™</sup> studies before performing this installation due to the SQL Server 2019 upgrade. Instructions on how to archive studies are located online here: <u>https://support.datasci.com/hc/en-us/articles/115003631508-How-to-create-a-FinePointe<sup>™</sup>-Study-Archive</u>
- 3. Click Windows **Start** in the lower left corner of the desktop to open the application list. Next, scroll down until you see the **FinePointe** folder. Click on the **FinePointe** folder to view the contents.



4. Click on **Stop FinePointe Services** and agree to any Windows security prompts that appear.



- 5. Find the FinePointe<sup>™</sup> installation kit, generally provided on a DSI flash drive or downloaded through the DSI technical support website. For this installation guide, the flash drive is mapped to drive F: when plugged into your PC. Your system may map it to a different drive. If it does, replace the F: with that drive letter.
- 6. Locate this folder in the installation kit: F:\FinePointe 3.1.0.
- 7. Double-click the file named **Install.exe.**

Name	Date modified	Туре
Documents	6/29/2023 7:48 AM	File folder
	6/29/2023 7:44 AM	File folder
Recordit	6/29/2023 7:46 AM	File folder
lnstall.exe	5/19/2023 3:14 PM	Application

8. The FinePointe<sup>™</sup> installation kit menu will open.



- 9. Select Install FinePointe<sup>™</sup> 3.1.0 from the menu.
- 10. At this point, a Windows security message might open asking you if you want to allow the FinePointe<sup>™</sup> setup program to run. If the message appears, select **Yes**. If the message does not appear, proceed to the next step.
- 11. The FinePointe<sup>™</sup> Setup Wizard will appear. Select **Next**.



12. At this point, the Unprocessed data files message might appear if there is unprocessed data. See the <u>Unprocessed Data Files</u> section for more information before proceeding if the message appears.



13. The Select Components screen will appear. Select Client and Server Installation and click Next.

alast Components		T
Which components should be installed?		(10)
Select the components you want to install; clear the compon install. Click Next when you are ready to continue.	ents you do no	ot want to
Client and Server Installation		~

14. The Select Additional Tasks screen will appear. If desired, create a shortcut icon on the desktop to start FinePointe<sup>™</sup>. Click **Next**.



#### Page 20 Product Name • 011030-010 Rev 01• www.datasci.com

15. The Ready to Install screen will appear. Review the selected options, then click Install.

ady to Install			F
Setup is now ready to begin installing FinePo	ointe on your computer	•	6
Click Install to continue with the installation, change any settings.	or click Back if you wa	nt to <mark>review o</mark>	r
Setup type: Client and Server Installation			^
Selected components:			
Review Client Files			
Station Client Files			
Service Files Sentinel HASP Driver			
USB Driver			
Additional tasks:			
Additional shortcuts:			
Create a desktop shortcut			~
<			>

16. The FinePointe<sup>™</sup> installation will begin.

13 Setup - FinePointe	X
Installing Please wait while Setup installs FinePointe on your computer.	
Extracting files C:\Program Files\DSI\FinePointe\Ibiomp5md.dll	
	Cancel

17. The FinePointe<sup>™</sup> installation will continue and the FinePointe<sup>™</sup> and the Sentinel HASP device drivers will install. Agree to any security messages regarding the device driver installations.

18. After the device drivers have installed, the *Completing the FinePointe™ Setup Wizard* screen will appear. Click **Finish.** 

Setup - FinePointe	Completing the FinePointe Setup Wizard Setup has finished installing FinePointe on your computer. The application may be launched by selecting the installed shortcuts. Please review the section titled 'Upgrade All Studies' in the
HOM	Installation Guide. Click Finish to exit Setup.
	Finish

- 19. Restart the workstation.
- 20. After the workstation restarts, log into Windows as a Windows Administrator.
- 21. Find *FinePointe<sup>™</sup> Control Panel* in the FinePointe<sup>™</sup> folder in the Windows applications menu and launch it.



22. The *FinePointe™ Control Panel* login dialog window will open. Enter your Windows administrator username and password and click **OK**.



- 23. FinePointe<sup>™</sup> Control Panel will open. Check that the following is true:
  - a. In the lower left corner of the Control Panel Window, a green check appears with a message saying *The SQL Server "ComputerName" is ready to use*.
  - b. All 8 icons in the top half of the window are active and not greyed out.



24. Click the Manage Studies and Laboratories button.



25. The *Manage Studies and Laboratories* window will open. Observe that **Needs to be checked** appears in the **Status** column beside the listed studies.

General Actions Laboratory	Management St ratory 🔞 🍐 🛠 Upgrade All Studies 🗣 🗲	udy Management           Archive Study	9.8.4.1	
Select an item from the left pa	anel to view its members in the right panel			
Name	Study Name	Machine	Status	
My Laboratory	020712_Ag_nano	RALMEKIND-21034	Needs to be checked	
Lab 2	10-20%pep-copd	RALMEKIND-21034	Needs to be checked	
	11-23-2020 NHP Pilot Study	RALMEKIND-21034	Needs to be checked	
	130144 Cohort 3 12_07_21 session 1	RALMEKIND-21034	Needs to be checked	
	2 site mouse WBP	RALMEKIND-21034	Needs to be checked	
	2021-034- Hamster SARS-CoV-2 VC	RALMEKIND-21034	Needs to be checked	
	2022 RSVFC	RALMEKIND-21034	Needs to be checked	
	21-03	RALMEKIND-21034	Needs to be checked	
	210305_RC_edit	RALMEKIND-21034	Needs to be checked	
	210322_RC_TAB	RALMEKIND-21034	Needs to be checked	
	210621 ASA dose	RALMEKIND-21034	Needs to be checked	
	220125 eNpHR3 toxity	RALMEKIND-21034	Needs to be checked	
	220202-24hr	RALMEKIND-21034	Needs to be checked	
	230412_Test	RALMEKIND-21034	Needs to be checked	
	4241-021	RALMEKIND-21034	Needs to be checked	
	5-27-21	RALMEKIND-21034	Needs to be checked	
	A_Monkey CPAP GD150 PFT	RALMEKIND-21034	Needs to be checked	
	Bias Flow COPD Study Test	RALMEKIND-21034	Needs to be checked	
	Bias Flow Universal Dose Response	RALMEKIND-21034	Needs to be checked	
	BIAS Flow Universal Gas Control Stu	RALMEKIND-21034	Needs to be checked	
	CCL28	RALMEKIND-21034	Needs to be checked	
	CCR10 CCL28 022317	RALMEKIND-21034	Needs to be checked	
	Chlorine and undosed testing 9-11-	RALMEKIND-21034	Needs to be checked	
	Copy of Fentanyl + D-CysEA 50umc	RALMEKIND-21034	Needs to be checked	
	Copy of RSF002APN Pilot 2	RALMEKIND-21034	Needs to be checked	
	Copy of Theo Contusion	RALMEKIND-21034	Needs to be checked	
	Customer PFT test	RALMEKIND-21034	Needs to be checked	
	Demo	RALMEKIND-21034	Needs to be checked	
	DSI COPD	RALMEKIND-21034	Needs to be checked	
	DSI Gas analyzer test	RALMEKIND-21034	Needs to be checked	
	DSI Gas Reference Test	RALMEKIND-21034	Needs to be checked	

26. Click the **Upgrade All Studies** button. All of the studies should be processed, and the status should change to **Read to use**.

eneral Actions 🔹 Laboratory N	Aanagement St tory 🛞 🍐 🔀 Upgrade All Studies 😨	udy Management           Archive Study		
elect an item from the left par	nel to view its members in the right panel			
lame	Study Name	Machine	Status	
Ay Laboratory	020712_Ag_nano	RALMEKIND-21034	Ready to use	
ab 2	10-20%pep-copd	RALMEKIND-21034	Ready to use	
	11-23-2020 NHP Pilot Study	RALMEKIND-21034	Ready to use	
	130144 Cohort 3 12_07_21 session 1	RALMEKIND-21034	Ready to use	
	2 site mouse WBP	RALMEKIND-21034	Ready to use	
	2021-034- Hamster SARS-CoV-2 VC	RALMEKIND-21034	Ready to use	
	2022 RSVFC	RALMEKIND-21034	Ready to use	
	21-03	RALMEKIND-21034	Ready to use	
	210305_RC_edit	RALMEKIND-21034	Ready to use	
	210322_RC_TAB	RALMEKIND-21034	Ready to use	
	210621 ASA dose	RALMEKIND-21034	Ready to use	
	220125 eNpHR3 toxity	RALMEKIND-21034	Ready to use	
	220202-24hr	RALMEKIND-21034	Ready to use	
	230412_Test	RALMEKIND-21034	Ready to use	
	4241-021	RALMEKIND-21034	Ready to use	
	5-27-21	RALMEKIND-21034	Ready to use	
	A_Monkey CPAP GD150 PFT	RALMEKIND-21034	Ready to use	
	Bias Flow COPD Study Test	RALMEKIND-21034	Ready to use	
	Bias Flow Universal Dose Response	RALMEKIND-21034	Ready to use	
	BIAS Flow Universal Gas Control Stu	RALMEKIND-21034	Ready to use	
	CCL28	RALMEKIND-21034	Ready to use	
	CCR10 CCL28 022317	RALMEKIND-21034	Ready to use	
	Chlorine and undosed testing 9-11-	RALMEKIND-21034	Ready to use	
	Copy of Fentanyl + D-CysEA 50umc	RALMEKIND-21034	Ready to use	
	Copy of RSF002APN Pilot 2	RALMEKIND-21034	Ready to use	
	Copy of Theo Contusion	RALMEKIND-21034	Ready to use	
	Customer PFT test	RALMEKIND-21034	Ready to use	
	Demo	RALMEKIND-21034	Ready to use	
	DSI COPD	RALMEKIND-21034	Ready to use	
	DSI Gas analyzer test	RALMEKIND-21034	Ready to use	
	DSI Gas Reference Test	RALMEKIND-21034	Ready to use	

- 27. Close FinePointe<sup>™</sup> Control Panel.
- 28. Launch *FinePointe<sup>™</sup> Review* from the desktop. After a few seconds, the **FinePointe<sup>™</sup> Server** name field should appear active. The last user that logged in should appear **Login Name** field.



29. Enter the Password and click **OK** to log into FinePointe<sup>™</sup> Review.

- 30. When Review opens, click the **Home** button in the upper left corner.
- 31. When the **Home** view opens, the *Hardware Configuration* icons should appear on the right side of the window. The *Study* icons should appear on the left side. Open any existing Study.



32. The Study you selected should open with no issues.

My Labo	anatory/NAM/CCR10 CCL28 @	22317 FinePoin	te Review								- 🗆 ×
General #	Study Opt	8	study Setting	s Report Options	Acquisition Operations						
Dose Res System generation of	pore In the mark		7.5 7 6.5 6 5.5 4.5 4.5 4.5 4 3.5 3 2.5 2 1.5			Dose 1	Response				Orașe Pro 6 - Sector Control - Sector Control - Dele Control - Dele Control - Sector Control -
		Syster	n generates 1	PBS	10 mg/ml	20 mg/ml Record	40 m (mg/mi)	ig/ml	80 mg/ml	160 mg/ml	
Subject D	Recording Time .	Duration	Phase	Source	Status	Open	Operations				
6680	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open •	Operations	200			
6679	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openat	Operations #	<b>2</b> -1			
6119	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations				
6120	2/23/2017 11:2047 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations	200			1
6121	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openant	Operations	250			1
6681	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openant	Operations	250			
6683	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations	200			
6682	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openet	Operations	1			
6072	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations	12-1			
6071	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations	2.0			
6073	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations +	1253			
6080	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations +	1757			
6079	2/23/2017 1:10/22 PM	25 mins	Main	FPNAM 4 site mouse	Complete	Onenat	Operations	257			
6081	2/23/2017 1:10/22 PM	25 mins	Main	FPNAM 4 site mouse	Complete	Contract	Onersteens				
6083	2/23/2017 1:10/22 PM	25 mins	Main	FPNAM 4 site mouse	Rejected	Open P	Operations +	(1997)			
6109	2/23/2017 1:10:22 PM	25 mins	Main	FPNAM 4 site mouse	Complete	Company	Operations	1357			
Country DALL	ADVIDED 21024 Lines Minute	Test Ikee 1014	-		and a strength						Colluctors Magning, 2 1 0 12620

33. Close FinePointe<sup>™</sup> Review.

#### 34. THE UPGRADE TO SQL SERVER 2019 STARTS HERE!!!

35. In Windows, navigate to the FinePointe Installation Kit and open the SQL Server 64bit folder. This is the path to the folder: F:\FinePointe 3.1\FinePointe\SQL Server 64bit.

Name	(	Date modified	Туре	Size
1033_ENU_LP	6	5/8/2023 8:26 AM	File folder	
redist	6	5/8/2023 8:28 AM	File folder	
resources	6	5/8/2023 8:28 AM	File folder	
- Tools	6	5/8/2023 8:28 AM	File folder	
×64	6	5/8/2023 8:29 AM	File folder	
autorun.inf	-	5/19/2023 3:16 PM	Setup Information	1 KB
MediaInfo.xml	-	5/19/2023 3:16 PM	XML File	1 KB
🛃 setup.exe	-	5/19/2023 3:16 PM	Application	124 KB
setup.exe.config	5	5/19/2023 3:16 PM	CONFIG File	1 KB
SqlSetupBootstrapper.dll		5/19/2023 3:16 PM	Application exten	216 KB
SSMS-Setup-ENU.exe	5	5/19/2023 3:18 PM	Application	650,583 KB

36. Double-click the file named **Setup.exe** and accept the Windows security message if it appears. The *SQL Server Installation Center* should open. Select **Installation** from the menu on the left.

📸 SQL Server Installation Center		- 0	]	×	
<b>Planning</b> Installation		Hardware and Software Requirements View the hardware and software requirements.			^
Maintenance		Security Documentation			
Tools	V	View the security documentation.			
Resources		Online Release Notes			
Advanced	-	View the latest information about the release.			
Options	52	System Configuration Checker			
	Ÿ.	Launch a tool to check for conditions that prevent a successful SQL Server install	ation.		
		Download Data Migration Assistant (DMA)			
		Data Migration Assistant (DMA) analyzes SQL Server components that are installe and identifies issues to fix either before or after you upgrade to SQL Server 2019.	ed		
		Online Installation Help			
	-	Launch the online installation documentation.			
		How to Get Started with SQL Server 2019 Failover Clustering			
	-	Read instructions on how to get started with SQL Server 2019 failover clustering.			
		Upgrade Documentation			
		View the document about how to upgrade to SQL Server 2019 from a previous ve of SQL Server.	rsion		
		Download SQL Server Migration Assistant (SSMA)			
Microsoft SQL Server 2019		SQL Server Migration Assistant (SSMA) can migrate Oracle, SAP ASE, MySQL, DB. Access databases to SQL Server, Microsoft Azure SQL Database, and Microsoft A: SQL Data Warehouse. SSMA automates all aspects of migration including migrat assessment analysis, schema and SQL statement conversion, data migration, and	2, and ture ion		*

37. The *SQL Server Installation Center* view should open. Select Upgrade from a previous version of SQL Server.



38. The *Upgrade to SQL Server 2019* installation dialog should open. The product key field should be prepulated with the license key. Click **Next**.

🐻 Upgrade to SQL Server 2019				$\times$
Product Key Specify the edition of SQL Serve	r 2019 to install.			
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Features Feature Rules Ready to Upgrade Upgrade Progress Complete	Validate this instance of SQL Server 2019 by entering the 25-character key from the Mi of authenticity or product packaging. You can also specify a free edition of SQL Server Evaluation, or Express. Evaluation has the largest set of SQL Server features, as docum Books Online, and is activated with a 180-day expiration. Developer edition does not h has the same set of features found in Evaluation, but is licensed for non-production di development only. To upgrade from one installed edition to another, run the Edition U O Specify a free edition: Evaluation © Enter the product key: <u>PMBDC-FXVM3-T777P-N4FY8-PKFF4</u>	crosoft Develoj ented in ave an e tabase <i>i</i> lpgrade	certificat per, SQL Sen spplicatic Wizard.	e rer I, In
	< Back Next >		Cancel	

39. Accept the license terms and click Next.

Upgrade to SQL Server 20	19	-		$\times$
License Terms To install SQL Server 20	19, you must accept the Microsoft Software License Terms.			
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Features Feature Rules Ready to Upgrade Upgrade Brogger	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2019 STANDARD These license terms are an agreement between you and Microsoft Cr its affiliates). They apply to the software named above, which include you received it, if any. The terms also apply to any Microsoft services (except to the extent such services or updates are accompanied by n terms, in which case those different terms apply prospectively and do Microsoft's rights relating to pre-updated software or services). IF Y THESE LICENSE TERMS, YOU HAVE THE BIGHTS RELOW FOR EAC	Corporation (o es the media s or software new or additio o not alter yo <b>(OU COMPL</b> CH SERVER	or one of on which updates onal our or Y WITH YOU	f n
Complete	<ul> <li>I accept the license terms and <u>Privacy Statement</u></li> <li>Notice: A paid SQL Server edition product key has been provided for the currer ensure you are entitled to this SQL Server edition with proper licensing in place (edition) supplied.</li> <li>SQL Server transmits information about your installation experience, as well as performance data, to Microsoft to help improve the product. To learn more ab privacy controls, and to turn off the collection of this information after installation.</li> </ul>	int action - Sta e for the produ i other usage a bout data proc tion, see the	dard. Ple copy ndard. Ple ict key nd essing and	Print ase
	< Back	Next >	Cance	el

40. The installer will process and move to the *Select Instance* step. Select the **FINEPOINTE** as the *Instance to upgrade*. Click **Next**.

🐻 Upgrade to SQL Server 2019					-		$\times$
Select Instance Specify the instance of SQL S	erver to modify.						
Product Key License Terms Global Rules Product Updates Install Setup Files	Select the instance of features" and then cli- Instance to upgrade: FINEPOINTE Installed instances:	SQL Server to upgrad ck next.	e. To upgrade only sl	hared features, sel	ect "Upgra	de shared	
Opgrade Rules	Instance Name	Instance ID	Features	Edition	Ve	rsion	_
Select Features	FINEPOINTE	MSSOL12.FINEPOL.	SOLEngine	Standard	12.	2.5223.6	
Feature Rules	<shared compone<="" td=""><td></td><td>SSMS, Adv_SSMS</td><td></td><td>12.</td><td>2.5223.6</td><td></td></shared>		SSMS, Adv_SSMS		12.	2.5223.6	
Ready to Upgrade Upgrade Progress Complete							
			< 6	Back New	kt >	Cancel	

41. The Select Features step will appear. Click Next.

Upgrade to SQL Server 2019			-	ΠX
Select Features It is not possible to change	the SQL Server features to be upgraded in this release.			
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete	Features: FINEPOINTE		Description: Prerequisites for se Already installed: - Windows Pow - Microsoft Vist	elected features: verShell 3.0 or hig ual C++ 2017 Red
			Disk Space Require Drive C: 1025 MB MB available	ements required, 145098
		< Back	Next >	Cancel

#### 42. The Instance Configuration step will appear. Accept the defaults and click Next.

Upgrade to SQL Server 2019 Instance Configuration Specify the name and instance	ID for the instance of SC	QL Server, Instance ID I	becomes part of the i	installation path.			×
Product Key License Terms Global Rules Product Updates	Default instance     Named instance:	FINEPOINTE					
Install Setup Files Upgrade Rules	Instance ID:	FINEPOINTE					
Select Instance Select Features Instance Configuration Feature Rules	SQL Server directory: c:\Program Files\Microsoft SQL Server\N ation Installed instances:	rosoft SQL Server\MS	SQL15.FINEPOINTE				
Ready to Upgrade	Instance Name	Instance ID	Features	Edition	Vers	ion	
Ungrade Progress	FINEPOINTE	MSSQL12.FINEPOI	SQLEngine	Standard	12.2	5223.6	
Complete	<shared compone<="" th=""><th></th><th>SSMS, Adv_SSMS</th><th></th><th>12.2</th><th>5223.6</th><th></th></shared>		SSMS, Adv_SSMS		12.2	5223.6	
				N-do No. 40		Grand	
			< E	Back Next >		Cancel	

43. The *Ready to Upgrade* step will appear. Select **Upgrade**.

🐻 Upgrade to SQL Server 2019	- 0	$\times$
Ready to Upgrade	eatures to be upgraded.	
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Instance Configuration Feature Rules <b>Ready to Upgrade</b> Upgrade Progress Complete	Ready to upgrade SQL Server 2019:         Summary         Edition: Standard         Action: Upgrade (Product Update)         Prerequisites         Articol Update (Standard)         Action: Upgrade (Product Update)         Prerequisites         Articol Update (Standard)         Microsoft Visual C++ 2017 Redistributable         General Configuration         Features         Database Engine Services         SQL Client Connectivity SDK         SQL Browser         SQL Writer         Instance Configuration         Instance Name: FINEPOINTE         Instance Directory: c:\Program Files\Microsoft SQL Server         Shared component root directory         Configuration file path:         C:\Program Files\Microsoft SQL Server 150\Setup Rootstrap) Log/202008.170833/ConfigurationFile initian	~
	< Back Upgrade Cancel	

44. The upgrade process will begin. Wait until the upgrade is complete. Do not shut the system down or start any other programs while the upgrade is processing. It will take around 10 minutes to complete.

Upgrade to SQL Server 2019		1222		
Upgrade Progress				
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Instance Configuration Feature Rules Ready to Upgrade <b>Upgrade Progress</b> Complete	Initializing Windows Installer actions.			
	Next >		Cancel	

45. A message will appear indicating you need to restart the computer after the setup is complete. Click **OK** to close the message.



#### 46. The Install successful message should appear in *Details* section. Click the Close button.

Upgrade to SQL Server 2019			-		$\times$
Complete Your SQL Server 2019 upgr	ade completed successfully with product updates				
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress <b>Complete</b>	Information about the Setup operation or Feature Database Engine Services SQL Browser SQL Client Connectivity SDK SQL Client Connectivity Setup Support Filer Details: Install successful. Summary log file has been saved to the foll C-\Program Files\Microsoft SQL Server\15( \Summary RALMEKIND-21034 20230608	possible next steps: Status Succeeded Succeed			~
				Close	

47. The installation dialog will close. Next, close the *SQL Server Installation Center* and restart the workstation.



- 48. After the workstation restarts, log into Windows as Windows Administrator.
- 49. Click Windows **Start** in the lower left corner of the desktop and start typing the word **Services** into the search field. As you are typing, the **Services** icon will appear in the list. Click the icon to launch Windows Services.

	All Apps Documents Web Mo	re 🔻
	Best match	
36	Services App	
	Apps	
	SQL Server 2014 Management Studio	>
	SQL Server Profiler 18	>
37	SQL Server 2019 Installation Center (64-bit)	>
	SQL Server 2019 Import and Export Data (64-bit)	>
	Search the web	
	Serv - See web results	>
	𝒫 servicenow	>
		>
38	♀ service autopilot	>
	Documents - This PC (11+)	
Slide 34	𝒫 services	
-	A 📙 🖩 🖉 🔌	0

50. Scroll down the list of services until you find the **SQL Server** and the **SQL Server Browser**. Ensure that both services are listed as **Running** in the **Status** column.

File Action View	Help 3 🕞 🛛 🚮 📄 🕨 🔳 🕕			
🐊 Services (Local)	O Services (Local)	-		
	Sentinel Protection Server	Name	Status	Startup Type
		Spatial Data Service		Manual
	Stop the service	Spot Verifier		Manual (Trigger Start
	Pause the service	SOL Server (CRM) On-Demand Shutdown	Running	Automatic
	Restart the service	SQL Server (FINEPOINTE)	Running	Automatic
	1000 MILLION 1	SQL Server Agent (FINEPOINTE)		Manual
	Description:	SQL Server Browser	Running	Automatic
	UltraPro keys attached to this	SQL Server CEIP service (FINEPOINTE)	Running	Automatic
	computer.	SQL Server VSS Writer	Running	Automatic
		SSDP Discovery	Running	Manual
		State Repository Service	Running	Manual
		Still Image Acquisition Events		Manual
		Storage Service	Running	Automatic (Delayed !
		Charges Tiger Management		Manual
	Extended (Standard			

- 51. Close the Windows Services program.
- 52. In Windows, navigate to the *FinePointe™ Installation Kit* and open the SQL Server 64bit folder. This is the path to the folder: F:\FinePointe 3.1\FinePointe\SQL Server 64bit. Double-click the file named **SSMS-Setup-ENU.exe**. Accept the Windows security message if it appears.

FinePointe > SQL Server 64bit	~	Ū		QL Server 64bit	
Name		Date	modified	Туре	Size
1033_ENU_LP		6/8/2	023 8:26 AM	File folder	
redist		6/8/2	023 8:28 AM	File folder	
resources		6/8/2	023 8:28 AM	File folder	
Tools		6/8/2	023 8:28 AM	File folder	
x64		6/8/2	023 8:29 AM	File folder	
autorun.inf		5/19/	2023 3:16 PM	Setup Information	1 KB
📓 MediaInfo.xml		5/19/	2023 3:16 PM	XML File	1 KB
🛃 setup.exe		5/19/	2023 3:16 PM	Application	124 KB
setup.exe.config		5/19/	2023 3:16 PM	CONFIG File	1 KB
SqlSetupBootstrapper.dll		5/19/	2023 3:16 PM	Application exten	216 KB
SSMS-Setup-ENU.exe		5/19/	2023 3:18 PM	Application	650,583 KB

53. The *Microsoft SQL Server Management Studio* (SSMS) setup program will open. Accept the default installation location and click **Install**.

		-
	Microsoft SQL Server Manageme with Azure Data Studio	nt Studio
Welco	me. Click "Install" to begin.	
Location:	n:	
C:\Program	n Files (x86)\Microsoft SQL Server Management Studio 18	Change
By clicking the Licens SQL Server I usage and p and privacy documentat	ng the "Install" button, I acknowledge that I accept the <u>Privar</u> ise Terms for <u>SQL Server Management Studio</u> and <u>Azure Data</u> Management Studio transmits information about your installation experie performance data, to Microsoft to help improve the product. To learn mor y controls, and to turn off the collection of this information after installatio <u>tion</u>	y Statement and a <u>Studio</u> ence, as well as other e about data processing n, see the

54. The installation will start. It will take a few minutes to complete.



55. The *Setup Complete* dialog will appear indicating the software installed successfully. Click **Close**.



56. The setup program will close.
57. Click Windows **Start** in the lower left corner of the desktop to open the application list. Scroll down to the folder named *Microsoft SQL Server Tools 18* and expand it. Locate *Microsoft SQL Server Management Studio 18* in the list. **DO NOT CLICK ON IT!!!** If you click on it, cancel the login dialog when it opens, close the *Microsoft SQL Server Management Studio 18* program, and repeat this step again without clicking on the program.



58. Right-click on *Microsoft SQL Server Management Studio 18 and* select More> Run As Administrator.



59. The Connect to Server login dialog will open. Select Connect.

	SQL Server	
Server type:	Database Engine	~
Server name:	RALMEKIND-21034\FINEPOINTE	~
Authentication:	Windows Authentication	~
User name:	HARVARDAPP\ralmekinder	~
Password:		
	Remember password	

- 60. *SQL Server Management* should open. A navigation tree should appear on the left side of the window. Expand the *Database* folder. The database named **bmc Meridian Controller** should appear.
  - RALMEKIND-21034\FINEPOINTE (SQL Server 15.0.2101.7 ·
     Databases
     System Databases
     Database Snapshots
     bmc Meridian Controller
     bms 020/12\_Ag\_nano
     bms 10-20%pep-copd
     bms 11-23-2020 NHP Pilot Study
- 61. Close the *Database* folder and open the *Logins* folder. Double-click on the login named **NT AUTHORITY\SYSTEM**.



62. The *Login Properties* dialog will open. Select **Server Roles** from the list on the left and ensure **sysadmin** is selected. Click **OK**.

electa page	<b>B A A A</b>		
General	L Script ▼ 🚱 Help		
Server Roles     User Mapping     Securables	Server role is used to grant server-wide security privileges to a user.		
Status	Server roles:		
	<ul> <li>bulkadmin</li> <li>dbcreator</li> <li>diskadmin</li> <li>processadmin</li> <li>public</li> <li>securityadmin</li> <li>setupadmin</li> <li>setupadmin</li> </ul>		
onnection Gerver:			
Connection: HARVARDAPP\ralmekinder			
View connection properties			
rogress			
Ready			

- 63. The Login Properties dialog will close.
- 64. Close SQL Server Management Studio.
- 65. Find *FinePointe Control Panel* in the FinePointe<sup>™</sup> folder in the Windows applications menu and launch it.



66. The *FinePointe Control Panel* login dialog window will open. Enter your Windows administrator username and password and click **OK**.



- 67. FinePointe<sup>™</sup> Control Panel will open. Check that the following is true:
  - c. In the lower left corner of the Control Panel Window, a green check appears with a message saying *The SQL Server "ComputerName" is ready to use*.
  - d. All 8 icons in the top half of the window are active and not greyed out.
  - e. Software version 3.1.x appears in the lower right corner.

🚱 Controller Home Page FinePointe Control Panel	- 🗆 X
General Actions Database Management	
Manage Data View, delete, or begin processing tasks Manage Users Users and user roles Manage Users User, modify, or upgrade laboratories and studies View, modify, or upgrade laboratories and studies Manage Manage	ember and add
View License Details View License Details Modify Server Settings Modify Server Policies Modify Security Policies Modify Security Policies Policies	Dn Ind tions
Display Name: RALMEKIND-21034 Location: Database: Ready and online	
Server URI: tcp://ralmekind-21034:35000/ SQL Server: RALMEKIND-21034\FINEPOINTE	
Log 6/8/2023 4:35:54 PM: FinePointe Server Started. 6/8/2023 4:35:54 PM: Controller database loaded successfully. 6/8/2023 4:35:54 PM: Service is now configured as a Controller Server. 6/8/2023 4:35:54 PM: Server self-registered successfully. 6/8/2023 4:36:06 PM: Successfully contacted the member server RALMEKIND-21034 at 'tcp://ralmekind-21034:35000/'.	

- 68. Make sure the FinePointe<sup>™</sup> USB license dongle is plugged into the workstation.
- 69. Click View License Details. The View License Details window should open. Confirm that version 3.1 is displayed in the Version field. If an earlier version is displayed, follow the instructions in the <u>FinePointe™</u> <u>License Dongle Upgrade File Installation</u> section. After the upgrade file installation is complete, return to step #75 to continue.

Controller Home Page/View Lice	nse Details FinePointe Control Panel	
General Actions License Manager	nent	
Machine ID:		Hasp ID:
LXY0-P141-HJE0-QX31-JZY0-9151-M	1LF0-GS90	D73A-3422-5398-FAA5
License Type:	Version:	
Normal	3.1	
Max Users:	Max Clients:	Max Member Servers:
Unlimited	2	3
License Expiration:	Data Acquisition Expiration:	
12/31/9998	12/31/9998	Single Machine Installation

- 70. Close FinePointe Control Panel.
- 71. Launch FinePointe<sup>™</sup> Review from the desktop. After a few seconds, the FinePointe<sup>™</sup> Server name should appear active. The last user that logged in should appear Login Name field.



- 72. Enter the Password and click **OK** to log into *FinePointe Review*.
- 73. When Review opens, click the **Home** button in the upper left corner.

74. When the Home view opens, the *Hardware Configuration* icons should appear on the right side of the window. The *Study* icons should appear on the left side. Open any existing Study.



75. The Study you selected should open with no issues.

My labe	antory/NAM/CCR10 CCL28 0	222317 FinePo	inte Review								– 🗆 X
General J	Actions Study Opt	tions.	Study Setter	os Report Options	Acquisition Operations						
Dose Res System processes 3	pone esente minicip	w1	7.5 7 65 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			Dose 8	response				Crosp Pris CC310 Pris CC310 Data CC310
		Syst	1.5	PBS	10 mg/ml uted.	20 mg/ml Mecro	(mg/mi) 40 m	s/mi	80 mg/ml	160 mg/ml	
Subject D	Recording Time	Duration	Phate	Source	Status	Open	Operations				
6680	2/23/2017 11:2047 AM	24 mins	Main	TPNAM 4 site mouse	Complete	Open	Operations +	<u> </u>			
6679	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openint	Operations				
6119	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations				
6120	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openant	Operations •	<b>2</b>			
6121	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openant	Operations	200			
6681	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openet	Operations +	200			
6683	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openart	Operations •	200			
6682	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openint	Operational	<b>2</b>			
6072	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Openate	Operations +	<b>2</b> -1			
6071	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open •	Operations				
6073	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations	-			
6080	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open *	Operations	200			
6079	2/23/2017 1:10:22 PM	25 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations •	200			
6081	2/23/2017 1:10:22 PM	25 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations +	1			
6083	2/23/2017 1:10:22 PM	25 mins	Main	FPNAM 4 site mouse	Rejected	Open +	Operations +	200			

- 76. Close FinePointe Review.
- 77. The FinePointe<sup>™</sup> Upgrade with a SQL Server 2019 Upgrade installation is complete.

## FinePointe<sup>™</sup> Upgrade with No SQL Server Upgrade Guide

This section contains the procedures for upgrading FinePointe<sup>™</sup> to version 3.1 from an older version of FinePointe<sup>™</sup>. See the <u>FinePointe<sup>™</sup> Upgrade with no SQL Server Upgrade Scenario</u> section above to decide if this is the correct installation option for your system.

- 1. Turn on the workstation and log in as a Windows administrator.
- 2. Click Windows **Start** in the lower left corner of the desktop to open the application list. Next, scroll down until you see the **FinePointe** folder. Click on the **FinePointe** folder to view the contents.



3. Click on **Stop FinePointe Services** and agree to any Windows security prompts that appear.



- 4. Find the FinePointe<sup>™</sup> installation kit, generally provided on a DSI flash drive or downloaded through the DSI technical support website. For this installation guide, the flash drive is mapped to drive F: when plugged into your PC. Your system may map it to a different drive. If it does, replace the F: with that drive letter.
- 5. Locate this folder in the installation kit: F:\FinePointe 3.1.0.
- 6. Double-click the file named **Install.exe.**

Vame	Date modified	Туре
Documents	6/29/2023 7:48 AM	File folder
FinePointe	6/29/2023 7:44 AM	File folder
Recordit	6/29/2023 7:46 AM	File folder
Install.exe	5/19/2023 3:14 PM	Application

7. The FinePointe<sup>™</sup> installation kit menu will open.



- 8. Select Install FinePointe<sup>™</sup> 3.1.0 from the menu.
- 9. At this point, a Windows security message might open asking you if you want to allow the FinePointe<sup>™</sup> setup program to run. If the message appears, select **Yes**. If the message does not appear, proceed to the next step.
- 10. The FinePointe<sup>™</sup> Setup Wizard will appear. Select **Next**.



11. At this point, the Unprocessed data files message might appear if there is unprocessed data. See the <u>Unprocessed Data Files</u> section for more information before proceeding if the message appears.



12. The Select Components screen will appear. Select Client and Server Installation and click Next.

alast Companyate		T
Which components should be installed?		(10)
Select the components you want to install; clear the compon install. Click Next when you are ready to continue.	ents you do no	ot want to
Client and Server Installation		~

15. The Select Additional Tasks screen will appear. If desired, create a shortcut icon on the desktop to start FinePointe<sup>™</sup>. Click **Next**.



#### Page 46

16. The Ready to Install screen will appear. Review the selected options, then click Install.

ady to Install Setup is now ready to begin installing FinePointe on your computer		F
	•	6
Click Install to continue with the installation, or click Back if you wa change any settings.	nt to revie	w or
Setup type: Client and Server Installation		^
Selected components:		
Review Client Files		
Station Client Files		
Service Files		
USB Driver		
050 Driver		
Additional tasks:		
Additional shortcuts:		
Create a desktop shortcut		~
<		>

17. The FinePointe<sup>™</sup> installation will begin.

13 Setup - FinePointe	X
Installing Please wait while Setup installs FinePointe on your computer.	
Extracting files C:\Program Files\DSI\FinePointe\Ibiomp5md.dll	
	Cancel

The FinePointe<sup>™</sup> installation will continue and the FinePointe<sup>™</sup> and the Sentinel HASP device drivers will
install. Agree to any security messages regarding the device driver installations.

19. After the device drivers have installed, the *Completing the FinePointe™ Setup Wizard* screen will appear. Click **Finish.** 

占 Setup - FinePointe	- • ×
Ton	Completing the FinePointe Setup Wizard Setup has finished installing FinePointe on your computer. The application may be launched by selecting the installed shortcuts. Please review the section titled 'Upgrade All Studies' in the Installation Guide. Click Finish to exit Setup.
	Finish

- 20. Restart the workstation.
- 21. After the workstation restarts, log into Windows as a Windows Administrator.
- 22. Find *FinePointe<sup>™</sup> Control Panel* in the FinePointe<sup>™</sup> folder in the Windows applications menu and launch it.



23. The *FinePointe™ Control Panel* login dialog window will open. Enter your Windows administrator username and password and click **OK**.



- 24. FinePointe<sup>™</sup> Control Panel will open. Check that the following is true:
  - a. In the lower left corner of the Control Panel Window, a green check appears with a message saying *The SQL Server "ComputerName" is ready to use*.
  - b. All 8 icons in the top half of the window are active and not greyed out.

	iome Page FinePointe Control Panel				- 🗆 ×
General Actions	Database Management			أقرر والمتتعرين والم	11
<b>e</b>	Manage Data View, delete, or begin processing tasks	Manage Users Create, modify, or delete users and user roles	Manage Studies and Laboratories View, mosify, or upgrade laboratories and studies	Manage Member Servers Upgrade servers and add controllers	
	View License Details	Modify Server Settings	Modify Security Policies	Hardware Configuration Create, modify, and delete configurations	
Display Name:	RALMEKIND-21034	Location:	Julus	Database: Ready and online.	
Server URI:	tcp://ralmekind-21034:35000/	SQL Server: RA	LMEKIND-21034\FINEPOINTE	)	
			Log		lar-as
6/8/2023 4-25-5	4 PM+ FinePointe Server Started				
6/8/2023 4:35:5 6/8/2023 4:35:5	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc	cessfully.			
6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5	4 PM: FinePointe Server Started. 4 PM: Controller database loaded succ 4 PM: Service is now configured as a C	cessfully. Controller Server.			
6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5	i4 PM: FinePointe Server Started. i4 PM: Controller database loaded succes i4 PM: Service is now configured as a Configured a	cessfully. Controller Server. Ily.			
6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc 4 PM: Service is now configured as a 0 4 PM: Server self-registered successfu 6 PM: Successfully contacted the mem	cessfully. Controller Server. Ily. Iber server RALMEKIND-21	034 at 'tcp://ralmekind-21034:35000/'.		
6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:36:0	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc 4 PM: Service is now configured as a 6 PM: Server self-registered successfu 6 PM: Successfully contacted the men	:essfully. Controller Server. Ily. Iber server RALMEKIND-21	034 at 'tcp://ralmekind-21034:35000/'.		
6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:36:0	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc 4 PM: Service is now configured as a 7 PM: Server self-registered successfu 6 PM: Successfully contacted the men	cessfully. Controller Server. Ily. Iber server RALMEKIND-21	034 at 'tcp://ralmekind-21034:35000/'.		
6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:36:0	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc 4 PM: Service is now configured as a 6 PM: Server self-registered successfu 6 PM: Successfully contacted the men	zessfully. Controller Server. Ily. Iber server RALMEKIND-21	034 at 'tcp://ralmekind-21034:35000/'.		
0/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:36:0	4 PM: FinePointe Server Started. 4 PM: Controller database loaded succ 4 PM: Service is now configured as a 4 4 PM: Server self-registered successfu 6 PM: Successfully contacted the mem	ressfully. controller Server. ily iber server RALMEKIND-21	034 at 'tcp://ralmekind-21034:35000/'.		
678/2023 4:35:5 678/2023 4:35:5 678/2023 4:35:5 678/2023 4:35:5 678/2023 4:35:5	4 PM: FinePointe Server Started. 4 PM: Controller database loaded succ 4 PM: Service is now configured as a 4 PM: Server self-registered successfu 6 PM: Successfully contacted the men	ressfully. :ontroller Server. lly. iber server RALMEKIND-21	034 at "tcp://ralmekind-21034:35000/'.		
6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:6	4 PM: FinePointe Server Started. 4 PM: Controller database loaded succ 4 PM: Service is now configured as a 6 4 PM: Server self-registered successfu 6 PM: Successfully contacted the men	zessfully. Controller Server. Ily. Ibber server RALMEKIND-21	034 at "tcp://ralmekind-21034:35000/'.		
6/8/2023 4355 6/8/2023 4355 6/8/2023 4355 6/8/2023 4:355 6/8/2023 4:36:0	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc. 4 PM: Service is now configured as a ( 4 PM: Server self-registered successfu 6 PM: Successfully contacted the men	vessfully. Controller Server. Ily. Ibber server RALMEKIND-21	034 at "tcp://ralmekind-21034:35000/".		
6/8/2023 4355 6/8/2023 4355 6/8/2023 4355 6/8/2023 4:355 6/8/2023 4:360	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc 4 PM: Service is now configured as a ( 4 PM: Server self-registered successfu 6 PM: Successfully contacted the men	vessfully. Controller Server. lly. Ibber server RALMEKIND-21	034 at "tcp://ralmekind-21034:35000/".		
6/8/2023 435:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:36:0	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc 4 PM: Service is now configured as a ( 4 PM: Server self-registered successfu 6 PM: Successfully contacted the men	:essfully. :ontroller Server. ly. iber server RALMEKIND-21	034 at 'tcp://ralmekind-21034:35000/'.		
6/8/2023 435:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:35:5 6/8/2023 4:36:0	4 PM: FinePointe Server Started. 4 PM: Controller database loaded suc 4 PM: Service is now configured as a ( 4 PM: Server self-registered successfu 6 PM: Successfully contacted the men	:essfully. :ontroller Server. lly. iber server RALMEKIND-21	034 at 'tcp://ralmekind-21034:35000/'.		

25. Click the Manage Studies and Laboratories button.



26. The *Manage Studies and Laboratories* window will open. Observe that **Needs to be checked** appears in the **Status** column beside the listed studies.

Seneral Actions Laboratory	Management Str atory 🛞 🍐 🗶 Upgrade All Studies 😨	udy Management           Archive Study	9.9.4 1	
elect an item from the left pa	nel to view its members in the right panel			
Name	Study Name	Machine	Status	
My Laboratory	020712_Ag_nano	RALMEKIND-21034	Needs to be checked	
Lab 2	10-20%pep-copd	RALMEKIND-21034	Needs to be checked	
	11-23-2020 NHP Pilot Study	RALMEKIND-21034	Needs to be checked	
	130144 Cohort 3 12_07_21 session	RALMEKIND-21034	Needs to be checked	
	2 site mouse WBP	RALMEKIND-21034	Needs to be checked	
	2021-034- Hamster SARS-CoV-2 VC	RALMEKIND-21034	Needs to be checked	
	2022 RSVFC	RALMEKIND-21034	Needs to be checked	
	21-03	RALMEKIND-21034	Needs to be checked	
	210305_RC_edit	RALMEKIND-21034	Needs to be checked	
	210322_RC_TAB	RALMEKIND-21034	Needs to be checked	
	210621 ASA dose	RALMEKIND-21034	Needs to be checked	
	220125 eNpHR3 toxity	RALMEKIND-21034	Needs to be checked	
	220202-24hr	RALMEKIND-21034	Needs to be checked	
	230412_Test	RALMEKIND-21034	Needs to be checked	
	4241-021	RALMEKIND-21034	Needs to be checked	
	5-27-21	RALMEKIND-21034	Needs to be checked	
	A_Monkey CPAP GD150 PFT	RALMEKIND-21034	Needs to be checked	
	Bias Flow COPD Study Test	RALMEKIND-21034	Needs to be checked	
	Bias Flow Universal Dose Response	RALMEKIND-21034	Needs to be checked	
	BIAS Flow Universal Gas Control Stu	RALMEKIND-21034	Needs to be checked	
	CCL28	RALMEKIND-21034	Needs to be checked	
	CCR10 CCL28 022317	RALMEKIND-21034	Needs to be checked	
	Chlorine and undosed testing 9-11-	RALMEKIND-21034	Needs to be checked	
	Copy of Fentanyl + D-CysEA 50umc	RALMEKIND-21034	Needs to be checked	
	Copy of RSF002APN Pilot 2	RALMEKIND-21034	Needs to be checked	
	Copy of Theo Contusion	RALMEKIND-21034	Needs to be checked	
	Customer PFT test	RALMEKIND-21034	Needs to be checked	
	Demo	RALMEKIND-21034	Needs to be checked	
	DSI COPD	RALMEKIND-21034	Needs to be checked	
	DSI Gas analyzer test	RALMEKIND-21034	Needs to be checked	
	DSI Gas Reference Test	RALMEKIND-21034	Needs to be checked	

27. Click the **Upgrade All Studies** button. All of the studies should be processed, and the status should change to **Read to use**.

eneral Actions 🔹 Laboratory N	Aanagement St tory 🛞 🍐 🔀 Upgrade All Studies 😨	udy Management           Archive Study		
elect an item from the left par	nel to view its members in the right panel			
lame	Study Name	Machine	Status	
Ay Laboratory	020712_Ag_nano	RALMEKIND-21034	Ready to use	
ab 2	10-20%pep-copd	RALMEKIND-21034	Ready to use	
	11-23-2020 NHP Pilot Study	RALMEKIND-21034	Ready to use	
	130144 Cohort 3 12_07_21 session 1	RALMEKIND-21034	Ready to use	
	2 site mouse WBP	RALMEKIND-21034	Ready to use	
	2021-034- Hamster SARS-CoV-2 VC	RALMEKIND-21034	Ready to use	
	2022 RSVFC	RALMEKIND-21034	Ready to use	
	21-03	RALMEKIND-21034	Ready to use	
	210305_RC_edit	RALMEKIND-21034	Ready to use	
	210322_RC_TAB	RALMEKIND-21034	Ready to use	
	210621 ASA dose	RALMEKIND-21034	Ready to use	
	220125 eNpHR3 toxity	RALMEKIND-21034	Ready to use	
	220202-24hr	RALMEKIND-21034	Ready to use	
	230412_Test	RALMEKIND-21034	Ready to use	
	4241-021	RALMEKIND-21034	Ready to use	
	5-27-21	RALMEKIND-21034	Ready to use	
	A_Monkey CPAP GD150 PFT	RALMEKIND-21034	Ready to use	
	Bias Flow COPD Study Test	RALMEKIND-21034	Ready to use	
	Bias Flow Universal Dose Response	RALMEKIND-21034	Ready to use	
	BIAS Flow Universal Gas Control Stu	RALMEKIND-21034	Ready to use	
	CCL28	RALMEKIND-21034	Ready to use	
	CCR10 CCL28 022317	RALMEKIND-21034	Ready to use	
	Chlorine and undosed testing 9-11-	RALMEKIND-21034	Ready to use	
	Copy of Fentanyl + D-CysEA 50umc	RALMEKIND-21034	Ready to use	
	Copy of RSF002APN Pilot 2	RALMEKIND-21034	Ready to use	
	Copy of Theo Contusion	RALMEKIND-21034	Ready to use	
	Customer PFT test	RALMEKIND-21034	Ready to use	
	Demo	RALMEKIND-21034	Ready to use	
	DSI COPD	RALMEKIND-21034	Ready to use	
	DSI Gas analyzer test	RALMEKIND-21034	Ready to use	
	DSI Gas Reference Test	RALMEKIND-21034	Ready to use	

- 28. Close FinePointe<sup>™</sup> Control Panel.
- 29. Launch *FinePointe™ Review* from the desktop. After a few seconds, the **FinePointe Server** name field should appear active. The last user that logged in should appear **Login Name** field.



30. Enter the Password and click **OK** to log into FinePointe<sup>™</sup> Review.

- 31. When Review opens, click the **Home** button in the upper left corner.
- 32. When the **Home** view opens, the *Hardware Configuration* icons should appear on the right side of the window. The *Study* icons should appear on the left side. Open any existing Study.



33. The Study you selected should open with no issues.

My Labo	eratory/NAM/CCR10 CCL28 03	22317 FinePoint	te Review								– 🗆 ×
General /	Actives Study Opti	8 8 7	Study Setting	Report Options	Acquisition Operations						
Dose Rer Space ages Space ages	sponie Narady	*1	7.5 7 6.5 6 5.5 5 8 8 5 4 3.5 3 2.5 2.5 2 2			Dose	iesponse				Grange Press Carlos 
		Syster	1.5	PBS	10 mg/ml	20 mg/ml	40 m (mg/mi)	g/ml	80 mg/ml	160 mg/ml	
Subject D	Recording Time +	Duration	Phase	Source	Status	Open	Operations				
6680	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations +	<b>E</b>			
6679	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open #	Operations #	<b>2</b>			
6119	2/23/2017 11:20:47 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open it	Operations	-			
6120	2/23/2017 11:2047 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openae	Operations	20			1
6121	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations +	2-1			l
6681	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations	2.			
6683	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations +	200			
6682	2/23/2017 11:56:10 AM	24 mins	Main	FPNAM 4 site mouse	Complete	Openat	Operationset				
6072	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Openue	Operations +				
6071	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations	20			
6073	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations	257			
6080	2/23/2017 12:31:16 PM	24 mins	Main	FPNAM 4 site mouse	Complete	Open	Operations .	3-1			
6079	2/23/2017 1:10/22 PM	25 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations +	2-7			
6081	2/23/2017 1:10/22 PM	25 mins	Main	FPNAM 4 site mouse	Complete	Open +	Operations	777			
6083	2/23/2017 1:10/22 PM	25 mins	Main	FPNAM 4 site mouse	Rejected	Open +	Operations +	20			
6109 Server: RAL	2/23/2017 1:10:22 PM	25 mins	Main	FPNAM 4 site mouse	Comolete	Donat	Aneshoosit	1.00			Software Version: 3.1.0.13639

- 34. Close FinePointe<sup>™</sup> Review.
- 35. The FinePointe<sup>™</sup> upgrade with No SQL Server upgrade is complete.

### **FinePointe™ Review Client Only Installation Guide**

This section contains the instructions for installing the FinePointe<sup>™</sup> Review Client Only version on a workstation. This installation requires that a FinePointe<sup>™</sup> Controller Server is available for the Review Client Only application to connect to. Please see the <u>FinePointe<sup>™</sup> Review Client Only Installation Scenario</u> section above for details.

- 1. Turn on the workstation and log in as a Windows administrator.
- 2. Find the FinePointe<sup>™</sup> installation kit, generally provided on a DSI flash drive or downloaded through the DSI technical support website. For this installation guide, the flash drive is mapped to drive F: when plugged into your PC. Your system may map it to a different drive. If it does, replace the F: with that drive letter.
- 3. Locate this folder in the installation kit: F:\FinePointe 3.1.0.
- 4. Double-click the file named **Install.exe.**

Name	Date modified	Туре
	6/29/2023 7:48 AM	File folder
FinePointe	6/29/2023 7:44 AM	File folder
Recordit	6/29/2023 7:46 AM	File folder
Install.exe	5/19/2023 3:14 PM	Application

5. The FinePointe installation kit menu will open.



6. Select Install FinePointe<sup>™</sup> 3.1.0 from the menu.

- 7. At this point, a Windows security message might open asking you if you want to allow the FinePointe<sup>™</sup> setup program to run. If the message appears, select **Yes**. If the message does not appear, proceed to the next step.
- 8. The FinePointe<sup>™</sup> Setup Wizard will appear. Select **Next**.

📥 Setup - FinePointe	- • ×
(ION)	Welcome to the FinePointe Setup Wizard This will install FinePointe version 3.1.0 on your computer. It is recommended that you close all other applications before continuing. Click Next to continue, or Cancel to exit Setup.
	Next Cancel

9. At this point, the Unprocessed data files message might appear if there is unprocessed data. See the <u>Unprocessed Data Files</u> section for more information before proceeding if the message appears.

setup			
8	Unprocessed data files hi FinePointe you are install files. We recommend not contacting Technical Sup Do you want to continue	ave been detected. The ing may not be able to p i installing at this time a port before continuing, with the installation an	version of process these nd yway?
		Vez	Na

10. The Select Components screen will appear. Select Client Only Installation and click Next.

elect Components		E
Which components should be installed?		(j)
Select the components you want to install; dear the compon install. Click Next when you are ready to continue.	ents you do no	t want to
Client Only Installation		~

14. The Select Additional Tasks screen will appear. If desired, create a shortcut icon on the desktop to start FinePointe<sup>™</sup>. Click **Next**.

Setup - FinePointe				$\times$
Select Additional Tasks Which additional tasks should be performed?			(	(a)
Select the additional tasks you would like Setu then dick Next.	p to perform	while installing Fir	nePointe,	
Additional shortcuts:				
Create a desktop shortcut				
	Back	Next	Can	cel

15. The *Ready to Install* screen will appear. Review the selected options, then click Install.

ady to Install Setup is now ready to begin installing FinePointe on your computer.		
Click Install to continue with the installation, or click Back if you want change any settings.	to revie	ew or
Setup type: Client Only Installation		^
Selected components: Review Client Files Station Client Files USB Driver		
Additional tasks: Additional shortcuts: Create a desktop shortcut		
<		>

16. The FinePointe<sup>™</sup> installation will begin.

1 <sup>59</sup> Setup - FinePointe	
Installing Please wait while Setup installs FinePointe on your computer.	
Extracting files C:\Program Files\DSI\FinePointe\Ibiomp5md.dll	
	Cancel

17. The FinePointe<sup>™</sup> installation will continue and the FinePointe<sup>™</sup> and the Sentinel HASP device drivers will install. Agree to any security messages regarding the device driver installations.

18. After the device drivers have installed, the *Completing the FinePointe™ Setup Wizard* screen will appear. Click **Finish.** 

🕁 Setup - FinePointe	- • ×
HOM	Completing the FinePointe Setup Wizard Setup has finished installing FinePointe on your computer. The application may be launched by selecting the installed shortcuts. Please review the section titled 'Upgrade All Studies' in the Installation Guide. Click Finish to exit Setup.
	Finish

- 19. Restart the workstation.
- 20. After the workstation restarts, log into Windows as a Windows Administrator.
- 21. The FinePointe<sup>™</sup> Review Client Only basic installation is complete. Next, proceed to the <u>FinePointe<sup>™</sup></u> <u>Client Configuration</u> section and complete the configuration steps.

Note: The Review Client Only version requires network connectivity to the FinePointe<sup>™</sup> controller server. If the Review Client Only version has issues connecting to the controller as described in the <u>FinePointe<sup>™</sup> Client</u> <u>Configuration</u> section, please check the following items. You may need assistance from your IT group to configure the network settings. If this does not resolve the issue, please contact DSI technical support at <u>support@datasci.com</u>.

- Ensure that the FinePointe<sup>™</sup> Controller Server is turned on. The Review Client Only version needs constant connectivity to the Controller Server.
- Both the Controller Server and the Review Client Only must be the same version of FinePointe<sup>™</sup>. For example, if FinePointe<sup>™</sup> version 3.1.0.13654 is installed on the Controller Server, version 3.1.0.13654 must also be installed on the Review Client.
- Ensure that both the Controller Server and the Review Client Only workstation have the correct firewall and security settings configured. See the <u>Workstation Security Configuration</u> section in this manual for details.
- You can test connectivity by using the ping command from a command prompt. The Controller Server workstation should respond to a ping.

# **FinePointe™ Controller Server Configuration**

The following details the process to configure the FinePointe<sup>™</sup> Server for the workstation based on the installation type chosen for the workstation.

- 1. In Windows, click Start | All Programs | FinePointe and launch the FinePointe<sup>™</sup> Control Panel application.
- 2. Log in using your *Windows Administrator* account. *FinePointe™ Control Panel* can only be launched by Windows Administrators.

🌜 Login To Buxco FinePoin	te Control Panel	1 1 - Minister, 1997	×
FineF	Pointe™		Legacy Style:
	Provide login credentials Server Status: Server is online Login Name:		Copyright 2005-2015 Data Sciences International
	johns Password:		
			<u>O</u> K <u>Cancel</u>

- 3. The Change Server Type screen will appear.
  - a. If the Client and Server Installation, with SQL Server option was selected, select Controller Server.
  - b. If Client and Server Installation was selected, select Member Server.
  - c. If Isolated Station Installation was selected, select Isolated Station.
  - d. Once the appropriate selection has been made, click **Apply Changes**.

😡 Member Server Home Page/Change Server Type Buxco FinePointe Control Panel	
General Actions Apply Changes	
Define the role of this server	
Controller Server	
The central controller coordinates other servers and clients. It also manages the licensing and security.	
Member Server A satellite server which is connected to the Controller Server through the network. This server can host Studies, BioSystem XA data, and FinePointe Station. Controller Server of Member Server	
select server	
Isolated Station A FinePointe Station computer is not connected to the Controller Server through a network connection.	

4. The *Controller Home Page* screen will appear. Click the **View License Details** button.

😡 Controller Home Page FinePointe Control P	anel			
General Actions Database Management			القور بالعريزيان	377
		Tools		-
Manage Data View, delete, or begin processing tasks	Manage Users Create, modify, or delete users and user roles	Manage Studies and Laboratories View, modify, or upgrade laboratories and studies	Manage Member Servers Upgrade servers and add controllers	
View License Details	Modify Server Settings	Modify Security Policies	Hardware Configuration Create modify, and delete configurations	
		Status		- a-
DSOPER-20672	Location:		Database: Ready and online.	
Server tcp://dsoper-20672:35000/	SQL Server: DSO	PER-20672\FINEPOINTE		
		Log		
5/14/2 5:40 AM: FinePointe Server Started. 5/14/2019 8:55:42 AM: Controller database loaded 5/14/2019 8:55:42 AM: Server safe resistance turson 5/14/2018 8:55:43 AM: Server safe resistance turson	successfully. s a Controller Server.			
5/14/2019 8:55:49 AM: Successfully contacted the r	nember server DSOPER-20672 at 'to	p://dsoper-20672:35000/.		

5. The *License Details* screen will open. Confirm the **License Type** is **Normal**. An ID number should appear in the **HASP ID** field. No warnings or errors should appear. If there are any issues, please contact your DSI representative. If the settings are valid, click the **Home** button to return to the *Controller Home* page.

Controller Home Page/View Licens	e Details Buxco FinePointe Control Panel		
General Actions License Mana	igement stall [Extend]		
License Status:			
Machine ID:		Hasp ID:	
2KH1-DR00-ALD0-RYT0-AT71-0Y80-	PQC1-KE01	F3DC-9720-32D0-A8FC	
License Type:	Version:		
Normal	Any Version		
Max Users:	Max Clients:	Max Member Servers:	Max Sites:
Unlimited	Unlimited	Unlimited	Unlimited
License Expiration:	Maintenance Expiration:		
Never	Never	Single Machine Installation	Enable GLP
Data Acquisition Expiration:			
Never			
Study Types		Site Types	Export Formats
XA Dose Response XA Artagonist Dose Response Antagonist Cough Cough Time Activity Dosimetry Asthma Pilot PFT COPD		RC Ventilated     WBP AHR     WBP AHR     WBP Volume     NAM     Pulsatile Tissue     Metabolism WBP     Metabolism WBP     Metabolism WBP     Metabolism BDP     Metabolism BDP     Metabolism BDP     Metabolism BP     Constant Rassler     R CPneumotach     BP     Ventilation	Wicrosoft Excel     GraphPad Prism     SPSS     SPSS     SPSS     OpenOffice     Microsoft Word

6. Click the **Modify Server Settings** button.



- 7. The *Modify Server Settings* screen will open. Configure the following items:
  - a. Select the **Enable Station Server** checkbox if data acquisition is desired from this workstation (i.e. it is not a *Client only* installation).
  - b. Enter your **Company Name**.
  - c. Enter your State or Province.
  - d. Enter your **Country**.
  - e. Select Use Windows Authentication
  - f. Select the SQL server from the SQL Server: dropdown menu. This should be the same SQL server name that was used when installing SQL server earlier. The default SQL Server name is "<computer name>\FINEPOINTE".

If the dropdown menu is empty, wait about 5 seconds and try again.

g. Once all items above are configured, click the Apply Changes button.

Gontroller Home Page/Modify Server Settings For Controller Buxco FinePointe C	iontrol Panel
General Actions Apply Changes G	
Basic Information	Controller Database and Study Server
Display Name: CHRISK-20469	SQL Servers CHRISK-20469/SQLEXPRESS
Location: Server UR: (tcp://chrisk-20469-35000) Host: chrisk-20469 Port: 35000 This server will not be accessible over the network	Use Windows Authentication     Use SQL Server Authentication     User Name  Password
	Database:   bmc Meridian Controller
	Specify Database Folder
BioSystem XA Data Import Server	Laboratory Information
Enable BioSystem XA Data Import Server Data Folder: Browse.	Company Name: DSI B State/Province:
Ole DB Provider:	MN C
Microsoft.let.OLEDS.4.0 Detect	Country:
Enable Station Server	

8. A confirmation dialog will appear asking if you would like to create a new controller database. Click **Yes**.



9. After a few seconds, the Update Successful message will appear. Click the **OK** to continue.



 Click the Home button. The Controller Home page will appear. All options in the Tools section should be active and a status message on the bottom left should indicate the SQL Server is ready to use. Next, proceed to the <u>FinePointe<sup>™</sup> Client Configuration</u> section and complete the configuration steps.



# **FinePointe™ Client Configuration**

1. Select the **Windows Start menu | All Programs | FinePointe** to launch the **FinePointe client** application. The *Login To FinePointe Review* dialog will open:



 The first time FinePointe<sup>™</sup> connects to a Controller Server, the unique server URL (TCP://servername:35000) for your system may need to be manual entered in the FinePointe Server name field. This information can be found in the Server URI field in the Status section of the FinePointe<sup>™</sup> Control Panel application. You can also select the server name (PC name) from the FinePointe Server combo box if it appears automatically.



3. After connecting to the server, click the **Create New Account** button if this is first time someone has logged in. *Note: If you already have a FinePointe™ user account, you can simply enter your username and password and login at this point.* 



4. The Add New User dialog will open.

Login To FinePointe Review	v	×
FineP	Add New User	
	Create a new account to be used in the FinePointe System. This account must have a unique User Name.	Copyright 2005-2023 Data Sciences International
	Login Name: DSI	
	Full Name (optional): optional full name (not used for log	in,
	Password:	
	Confirm Password:	
	OK Cance	
Create New Account		Cancel

- 5. Enter your desired username in the **Login Name** field and your password in the **Password** and **Confirm Password** fields. If you don't want to create a password, leave the password fields empty. *Note: This method will work with a new installation because the default security settings allow creating a new user account with no password. It's possible for the system administrator to setup more restrictive security settings.*
- 6. After entering your desired username and password, click the OK button. The login dialogs should close and FinePointe<sup>™</sup> Review should open.

This completes the basic FinePointe<sup>™</sup> client configuration. Please see the application manual that matches your hardware type for instructions on the day-to-day use of the system.

# Appendix

## **Manual SQL Server 2019 Installation**

Please contact DSI technical support at <u>support@datasci.com</u> for assistance with manually installing SQL Server 2019.

## FinePointe<sup>™</sup> License Dongle Upgrade File Installation

This procedure describes the steps required to upgrade a FinePointe<sup>™</sup> license dongle using a license upgrade file. The purpose of the upgrade is to enable a new version of FinePointe<sup>™</sup>, or to add new features to an existing FinePointe<sup>™</sup> system, or to install a Temporary FinePointe<sup>™</sup> License. The license upgrade file may have been received via email, on a USB flash drive, or directly from a DSI representative.

#### **Required Items:**

- A Microsoft Windows Administrator account on the FinePointe<sup>™</sup> Controller PC.
- The FinePointe<sup>™</sup> license dongle upgrade file. This file type ends with the ".mlf" extension.
- The FinePointe<sup>™</sup> USB license dongle (Sentinel HASP HL dongle).

#### Installation Instructions:

- 1. Copy the license file you received from DSI to the Windows desktop of the computer that has the FinePointe<sup>™</sup> Controller program installed (The license file may need to be unzipped first).
- 2. Make sure the FinePointe<sup>™</sup> USB license dongle is attached to the workstation.
- 3. Launch the FinePointe<sup>™</sup> Control Panel and log in using a Windows Administrator account.
- 4. Click the **View License Details button**. The view will take a few seconds to open while FinePointe<sup>™</sup> retrieves the license information.
- 5. The attached dongle information should be displayed. This includes the HASP ID, FinePointe<sup>™</sup> version, and enabled options.
- 6. In the License Management section on the top tool bar, click the "Install" button.



7. The Install FinePointe<sup>™</sup> License dialog should open.

🚱 Install FinePointe License	×
CLicense Type	
What kind of license do you have? I have a 25 character license key	
I have a license file	
Please enter the Sofware License Key: Register Online	
Manual Registration	
	Exit

8. Select (1) I have a license file and then (2) click the Select license file button.

6 Install FinePointe License	$\times$
License Type	
Select license file	
Exit	

9. A Windows file browser dialog should open. Navigate to the folder you copied the license file to in step #1 above. (1) Select the license file and then (2) click the **Open** button.

👌 Open					×
$\leftarrow$ $\rightarrow$ $\checkmark$ $\uparrow$ $\blacksquare$ $\rightarrow$ This PC	> Desktop > License Ungrade				م
Organize 👻 New folder	1		Li.	- 🔳	
4 Quidanne	A Name	Date modified	Type S	ze	
buxcofd	FP License Upgrade.MLF	3/17/2023 3:36 PM	DSI.FinePointeLice	1 KB	
Production	*				
Software - Beta	*				
corp	*				
具 DropFolder	*				
Archives	*				
Buxco	*		2		
Rinco HW	* *				
File name:	FP License Upgrade.MLF		<ul> <li>License Files (*.mlf)</li> </ul>		~
			Open	Cancel	$\Box$ .

- 10. FinePointe<sup>™</sup> will upgrade the USB license dongle. A success message should appear.
- 11. Close the success message.
- 12. In the License Management section on the top tool bar, select the "Re-read license" button.



- 13. After a few seconds, the displayed license information will refresh. The new options that were added by the upgrade should appear.
- 14. Verify the new version and/or features that have been added.
- 15. Close the FinePointe<sup>™</sup> Control Panel.
- 16. This completes the license file installation procedure.

### **Manual Device Driver Installation**

This section covers the installation of the following Windows drivers:

- FinePointe<sup>™</sup> hardware drivers
- Sentinel HASP HL license dongle drivers

This operation is normally performed by the FinePointe<sup>™</sup> installation process. Details are included here in the event the automatic installation fails, or if new drivers are released separately from FinePointe<sup>™</sup>.

#### **FinePointe™ Device Driver Installation**

To install FinePointe<sup>™</sup> hardware drivers on Windows 10 and 11:

- 1. Turn on your Workstation and log in as a Windows administrator.
- 2. Find the FinePointe<sup>™</sup> installation kit. It is distributed on USB flash drives or downloaded.
- 3. Navigate to this folder: \FinePointe\Drivers\FinePointe\FinePointe 2.5 Drivers.

📙   🕑 📙 🗢   FinePointe 2.5 Drivers					_	$\Box$ $\times$
File Home Share View						~ 🕐
Pin to Quick. access Copy Paste Ulipboard	Move Cop to *	Delete Rename	New item •	Properties Poperties Open	Select all Select none Invert selection Select	
← → · ↑ · FinePointe > Drivers	> FinePoint	e > FinePointe 2.5 Dri	vers v Ö		te 2.5 Drivers	
	^	Name	^	Date modified	Туре	Size
		amd64		6/29/2023 7:45 AM	File folder	
buxcotd	*	ia64		6/29/2023 7:45 AM	File folder	
Production	A.	<mark>-</mark> x86		6/29/2023 7:45 AM	File folder	
Software - Beta	1	BuxcoDrivers.cat		7/11/2019 1:40 PM	Security Catalog	20 KB
🚽 corp	*	buxcodrivers.inf		7/11/2019 1:40 PM	Setup Information	9 KB
DropFolder	*	職 dpinst.exe		7/11/2019 1:40 PM	Application	1,031 KB
Archives		apinst.xml		11/4/2015 4:26 PM	XML File	16 KB
Pures		eula.txt		11/30/2017 11:08 AM	Text Document	45 KB
Bucco	~	ReadMeFirst.txt		1/28/2011 12:11 PM	Text Document	1 KB
Buxco HW	*	setup.bat		4/13/2010 11:18 AM	Windows Batch File	1 KB
Customers	*	usbi.bmp		4/12/2010 12:51 PIVI	BIVIP File	105 KB
DSI Manuals	*	😮 usb1.ico		4/12/2010 11:08 AM	lcon	3 KB
DSI Training	*	-				
12 items	· ·					

- 4. Double-click the file named: Setup.bat.
- 5. At this point, a security confirmation might appear prompting you to agree to the installation. You should accept the confirmation.

6. An installation wizard will launch. Click Next.

FinePointe Device Driver Instal	ler
USE	Welcome to the FinePointe Device Driver Installer!
	This wizard will walk you through updating the drivers for your FinePointe hardware.
	To continue, click Next.
	< Back Next > Cancel

7. Accept the license agreement by clicking the radio button associated with "*I accept this EULA*" and click **Next**.

FinePointe Devi	ce Driver Installer	
End User L	icense Agreement	
•	To continue, accept the following license agreemen agreement, use the scroll bar or press the Page Dow SOFTWARE LICENSE AGREEMENT PLEASE READ THIS LICENSE CAREFULLY BEF THE ENCLOSED SOFTWARE. BY USING THE S AGREE TO THE TERMS OF THIS LICENSE. IF Y TO THE TERMS OF THIS LICENSE, PROMPTLY SOFTWARE TO DSI AT THE ADDRESS SPECIF DOCUMENTATION. IF YOU DO SO, DSI WILL RI LICENSE FEE YOU PAID FOR THE SOFTWARE. This software license agreement (hereinafter called	It. To read the entire wn key.
	I do not accept this EULA	As <u>Print</u>
	< <u>B</u> ack	<u>N</u> ext > Cancel

8. After a few seconds, installation will complete, and the final wizard page is presented confirming successful installation of the drivers:

FinePointe Device Driver Installer		
USF	Congratulations! Y installing your Find	'ou are finished ePointe devices.
1. Janes	The drivers were successfully in You can now connect your dev	stalled on this computer. ice to this computer. If your device
	came with instructions, please re	ead them first.
	Driver Name	Status
<b>F</b> E	✓ Buxco Research System	Ready to use
	< <u>B</u> ack	Finish Cancel

9. Click **Finish**. The driver installation is complete.

#### Sentinel HASP HL License Dongle Driver Installation

To install the Sentinel HASP license dongle drivers on Windows 10 and 11:

- 1. Turn on your Workstation and log in as a Windows administrator.
- 2. Find the FinePointe<sup>™</sup> installation kit. It is distributed on USB flash drives or downloaded.
- 3. Navigate to this folder: \FinePointe\Drivers\HASP User Setup



- 4. Double-click the file named: HASPUserSetup.exe.
- 5. At this point, a security confirmation might appear prompting you to agree to the installation. You should accept the confirmation.
- 6. An installation wizard will launch. Click Next.

🛃 Sentinel Runtime Setup	- 🗆 X
	Welcome to the Sentinel Runtime Installation Wizard
	It is strongly recommended that you exit all Windows programs before running this setup program. Click Cancel to quit the setup program, then close any programs you have running. Click Next to continue the installation. WARNING: This program is protected by copyright law and international treaties.
gemalto security to be free	portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
	< Back Next > Cancel

7. Accept the license agreement by clicking the radio button associated with "*I accept the license agreement*" and click **Next**.



8. Click Next again to start the installation.

🔀 Sentinel Runtime Setup	- 🗆 X
Ready to Install the Application Click Next to begin installation.	gemalto <sup>×</sup>
Click the Back button to reenter the installation information the wizard.	or click Cancel to exit
< Back	Next > Cancel

9. After a few seconds, installation will complete, and the final wizard page is presented confirming successful installation of the drivers:



10. Click Finish. The driver installation is complete
## Upgrade All Studies – For upgrades to systems with existing studies

The following details the process to Upgrade All Studies after completing the installation process.

- 1. In Windows, click **Start | All Programs | FinePointe** and launch the **FinePointe™ Control Panel** application.
- 2. Log in using your *Windows Administrator* account. *FinePointe™ Control Panel* can only be launched by Windows Administrators.



3. The *Controller Home Page* screen will appear. Click the **Manage Studies and Laboratories** button.

Controller H	ome Page FinePointe Con	trol Panel	Contraction of Contraction						83
General Action	s Database Management							1	
				Tools				_	-
P	Manage Data View, delete, or begin processing tasks	8	Manage Users Create, modify, or delete users and user roles		Manage Studies and Laboratories View, modify, or upgrade laboratories and studies		Manage Member Servers Upgrade servers and add controllers		
	View License Details		Modify Server Settings		Mr ecurity Po	5	Hardware Configuration Create, modify, and delete configurations		
Display Name:	DSOPER-20672		Location:	Status		) Database: 🚺	Ready and online.		
Server URI:	tcp://dsoper-20672:35000/		SQL Server:	DSOPER-20672\FINEPO	NTE	1			
	×			Log		, 			-
5/14/2019 8:55 5/14/2019 8:55 5/14/2019 8:55 5/14/2019 8:55 5/14/2019 8:55 5/14/2019 8:55	40 AM: FinePointe Server Star 42 AM: Controller database lo 42 AM: Service is now configu 43 AM: Server self-registered 49 AM: Successfully contacted	rted. waded successfu ured as a Contro successfully. d the member s	lly. Iler Server. erver DSOPER-20672	at 'tcp://dsoper-20672::	15000/.				

4. Click the **Upgrade All Studies** button. Depending on the number and size of the existing Studies this process can take a few minutes. When the process is completed, the system will return a "Ready to use" message under the Status column for each study.

💊 Controller Home Page/Manage Studies And Laboratories FinePointe Control Panel											
General Actions Laboratory Management	Study Management										
n 🚹 👖 💽 💌 Laboratory 😣 🏅	🛨 Upgrade All Studies 🗣 🕒 Archive Study 🔻 🕄 🚭 🦀										
Select an item from the left panel to view its members in the right panel											
Name	Study Name	Machine	Status								
My Laboratory	Cough Guinea Pig	20672	Ready to use								
	NAM 2 Site Mouse	20672	Ready to use								
	NAM Rat	20672	Ready to use								

## **FinePointe™ Workstation Security Configuration**

The following programs, services, and network ports must be allowed in the Windows 10/11 firewall or any other security software that is protecting the workstation. This includes antivirus and malware protection software.

The Windows firewall is turned on by default, and it may keep turning itself on after Microsoft updates are installed. Very often, network domain policies may force the client computers to turn the firewall on or restrict SQL Server services from starting. Below is a list of the settings that are required on all FinePointe<sup>™</sup> controllers and clients.

Ensure the following programs and network ports are allowed:

- FinePointeSVR.exe must be allowed This is the FinePointe<sup>™</sup> Windows service that runs in the background and communicates with SQL Server.
  Default path: C:\Program Files\BuxcoDSI\FinePointe\FinePointeSVR.exe
- FinePointeReview.exe must be allowed This is the FinePointe<sup>™</sup> Review application. This is the main application for managing, reviewing, and exporting data.
  Default path: C:\Program Files\BuxcoDSI\FinePointe\FinePointeReview.exe
- FinePointeStation.exe must be allowed This is the FinePointe<sup>™</sup> application that launches when recording data.

**Default path:** C:\Program Files\BuxcoDSI\FinePointe\FinePointeStation.exe

- UDP Port 777 must be allowed This port allows the FinePointe<sup>™</sup> controller (the stand-alone system) to communicate with Client-Only workstations.
- **TCP Port 35000 must be allowed** This port allows the FinePointe<sup>™</sup> controller (the stand-alone system) to communicate with Client-Only workstations.
- sqlbrowser.exe must be allowed This is the SQL Server browser service. This service listens for incoming requests for Microsoft SQL Server resources and provides information about SQL Server instances installed on the computer.

Default path for SQL 2019: C:\Program Files (x86)\Microsoft SQL Server\90\Shared\

• sqlservr.exe must be allowed – This is the SQL Server database engine service. It is the main SQL Server program that manages all databases.

Default path for SQL 2019: C:\Program Files\Microsoft SQL Server\MSSQL15.FINEPOINTE\MSSQL\Binn

• The specific network subnet that the FinePointe<sup>™</sup> computers reside on must be allowed in the Scope setting for each of these ports. Alternately, the Scope setting can be configured to allow "any computer".

## **Contact Information**

We are available to help you with your questions and concerns. Should you hit a roadblock or need some additional training, please feel free to visit the DSI Support Center at https://support.datasci.com to find articles and helpful information in our knowledge base, Chat with an agent, or setup time to receive one-on-one consultation. We are happy to help!

## **DSI Technical Support**

Email: Support@datasci.com

