



Real-time PCR

Getting started with Dionni Software

A comprehensive guide to connectivity options

At Thermo Fisher Scientific, we understand that your time is valuable. That's why we designed a workflow software solution that helps maximize your efficiency and instrument uptime. Unlock the full potential of your Applied Biosystems™ QuantStudio™ real-time PCR systems when you connect to your local area network (LAN) and the internet.

By connecting, you can enjoy benefits that can help save time and increase productivity. Our digital service and support tools, such as Smart Help and Remote Support, provide on-demand assistance to optimize your lab's operations and minimize instrument downtime.

Cybersecurity is a top priority. That's why we've taken precautions to help ensure that our software and instruments support adherence to stringent standards. Our connected systems utilize high levels of protection, meeting widely accepted best practices for regulated environments.

Speak with your IT support team about how you can get connected, and reach out to our dedicated service and support team to get guidance at every step.

Connect, integrate, and realize your team's full potential.

The connected advantage: how it can help your lab thrive

You can centralize and scale your lab with Applied Biosystems™ Diomni™ Software, our easy-to-use workflow software solution that can be installed on your network. Whether you are performing routine diagnostic testing or developing a new assay for regulatory approval, Diomni Software can help streamline your molecular diagnostics workflow from setup to results.

Benefits with Diomni Software:

- Free up bench space by eliminating the need for unnecessary instrument companion computers**
- Easily collaborate with partners worldwide by accessing the software's centralized database*
- Contact remote technical support with Smart Help from a browser** or directly from the instrument†
- Access product information, including assay and reagent user guides, CoA, SDS, and product page**
- Automate the annual renewal process with easy in-software renewal options**
- Monitor runs remotely through the Thermo Fisher™ Connect Platform dashboard or mobile app‡
- Easily send run setups to a shared network drive*†§

Additional benefits with Diomni Software (Enterprise):

Applied Biosystems™ Diomni™ Software is available as an upgraded, licensed version of Diomni Software. Refer to the user guide for features available with Diomni Software (Enterprise).

- Effortlessly set up and send qPCR runs to multiple Applied Biosystems™ QuantStudio™ 7 Pro Real-Time PCR Systems and QuantStudio™ 5 Real-Time PCR Systems*†
- Enhance sample tracking and traceability by sending extraction runs to a connected Thermo Scientific™ KingFisher™ Apex benchtop sample prep system*§
- Automate the exchange of sample information with your laboratory information system: receive sample worklist with test orders and send configurable results and reports*

* Diomni Software connection to your LAN is required.

** Diomni Software host computer connection to internet is required.

† QuantStudio system connection to your LAN is required.

‡ QuantStudio system connection to internet is required.

§ KingFisher Apex system connection to your LAN is required.

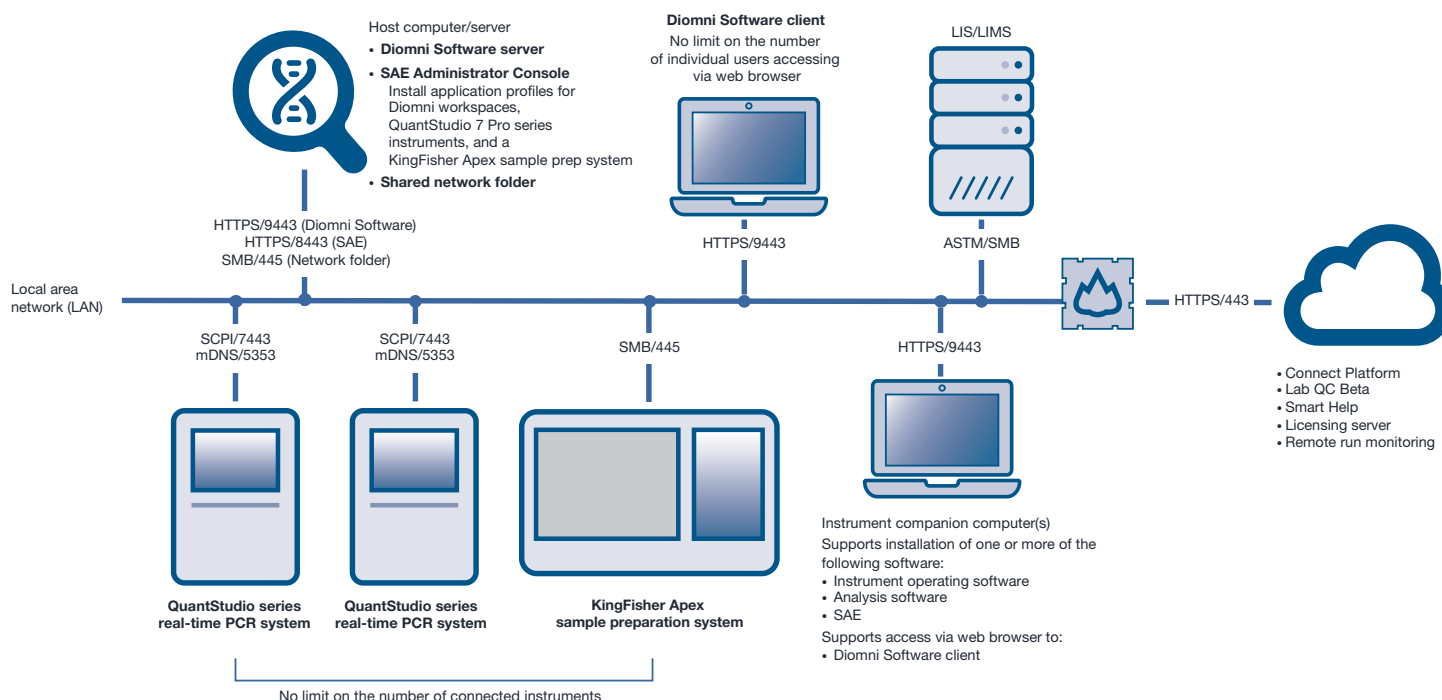


Figure 1. A sample Diomni Software network configuration.

Prepare for a smooth setup

We have a dedicated service and support team to provide remote guidance and answer cybersecurity questions before on-site installation, but there are a few things your lab can do to prepare the site for a successful setup and easy installation.

Diomni Software can be self-installed on your laboratory network and managed by your IT team; therefore, it is necessary for your IT team to provide an environment that meets optimal specifications.

A client computer (laptop or desktop) can be purchased from Thermo Fisher to serve as the Diomni Software client.

Access information about the Diomni Software installation in the Diomni Installation Guide (MAN1000397).

You can also contact tfc.device.connectivity.support@thermofisher.com for remote support.

Diomni Software technical specifications	
Instrument compatibility	QuantStudio 7 Pro Real-Time PCR System QuantStudio 5 Real-Time PCR System KingFisher Apex sample preparation system
System requirements	Microsoft™ Windows™ 11 or Windows™ 10 Operating System Users may access server from any operating system Memory: 16 GB RAM minimum Hard drive: 500 GB minimum free space Monitor: 1,920 x 1,080 recommended resolution of client computer
Supported browsers	Google™ Chrome™ browser Microsoft™ Edge™ browser Apple™ Safari™ browser (MacOS™ software) Mozilla™ Firefox™ browser
Security and compliance	Applied Biosystems™ SAE Administrator Console v3 or SAE Administrator Console Dx v1.2 Microsoft Windows 11 or Windows 10 Operating System*
Workspace included	RUO: Research Use Only Assay Development
Operating requirements for Diomni Software on the host computer (server)	24/7 continuous operation Reserved/static IP address Dedicated computer with restricted access Regularly scheduled backups (system) Set up archive/restore (data)

* If customers choose to install Diomni Software on their own computer (not supplied by Thermo Fisher Scientific), then our Global Services and Support team can only consult on troubleshooting and will not be responsible for installation.

Considerations for expanding an existing QuantStudio 5 or QuantStudio 7 Pro system

If you already have one or more QuantStudio 5 or QuantStudio 7 Pro systems, you may be able to expand your testing menu with the addition of Diomni Software (Enterprise) without changes to your current validated configuration.

Diomni Software can be installed on a companion PC running Applied Biosystems™ Diomni™ Design and Analysis (RUO) Software without invalidating your instrument qualification.

The QuantStudio 5 and QuantStudio 7 Pro systems are network-ready and can be connected to your LAN. If your current setup includes a direct connection to a companion PC running the Diomni Design and Analysis (RUO) desktop software, reach out to the Thermo Fisher Technical Assistance Center (TAC) or talk to your field service engineer (FSE) before your next preventive maintenance (PM) about your options.

Once Diomni Software is installed on the lab's network, connecting to your QuantStudio 5 or 7 Pro instruments is simple through the easy-to-use interface.

Note: Diomni Software (Enterprise) can be installed on a companion PC running Diomni Design and Analysis (RUO) Software if this is one of your lab's configurations. If your lab's configuration includes a computer system validation (CSV), any changes would invalidate the CSV. Refer to the Diomni Installation Guide (MAN1000397) and the SAE compatibility matrix.

Stay connected. We've got your back.

The confidentiality, integrity, and availability of data within the Thermo Fisher Scientific environment are important to us.

Learn more about information security at corporate.thermofisher.com/content/tfcorsite/us/en/index/about/information-security

 Learn more about Diomni Software at
thermofisher.com/diomni_ruo

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