Waters

THE SCIENCE OF WHAT'S POSSIBLE.®

UNIFI Scientific Information System: Advantages of a Network

FUTURE PROOF YOUR LABORATORY DATA

Waters® UNIFI® Scientific Information System seamlessly integrates instruments supported by UNIFI Software, such as UPLC,® chromatography, and mass spectrometry, as well as Informatics data workflows into one platform. The UNIFI platform provides industry leading security and compliance features for the regulated or non-regulated laboratory. When deployed as a Network, UNIFI's impact extends beyond the workstation, delivering significant value in the laboratory and throughout the organization.

Networks

The UNIFI Network is an entry-level solution for a small laboratory or company with a maximum of 25 software users.

More efficient data management workflow

The UNIFI Network allows scientists to review, process, and print their data from any client computer on the network.

- **Eliminate bottlenecks** – when operated in a workstation configuration, where two or more people need access to the same computer at the same time.

- **Create analyses** (lists of samples and standards to be run on an instrument system) at any workstation – even while the target instrument system is in use.

- **Initiate data acquisition**, review real-time data acquisition, as well as review, process, and report results from any UNIFI client.

Benefits of a UNIFI network:

- **Improve laboratory productivity** with enhanced communication and system availability.

- **Secure scientific data** with automated disaster recovery backup and centralized data archive.

- **Scalable, open architecture** provides a future proof system solution that can grow as your needs grow.

- **Minimize exposure** in regulatory audits by your adherence to GLP/GMP and 21 CFR Part 11.

- **Minimize IT support** requirements by streamlining user account management, access rights and permissions, UNIFI policies, and software maintenance.

- **Reduce the cost of future** instrument system purchases and annual software support plans.
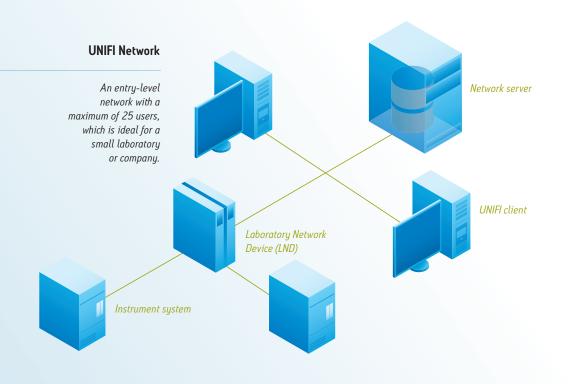
Seamless data and method sharing

With a UNIFI Network, individual scientists can benefit from the combined effort of the entire laboratory.

- Develop and administer methods created with UNIFI to automate repetitive tasks, which can be utilized by everyone in the lab.

- UNIFI data folders (used to organize analytical data) can enhance project management effectiveness in a network environment.

- Multiple users can share data folders.

- Methods can be transferred from folder to folder seamlessly.

- Folders can be shared department wide reducing the number of folders to manage.

- Search tools provide the means to locate analyses from multiple data folders, from which summary reports can be generated for selected information across analyses.

Control of local and networked instrument systems

The UNIFI Network provides the ability to setup, initiate, and review sample run sequences from any UNIFI client workstation, regardless of where the instrument hardware is attached.

In addition to supporting client workstations for chromatography and mass spectrometry data acquisition and instrument control, the UNIFI Network configurations support the Waters Laboratory Network Device (LND). The LND is a network device that provides enhanced raw data security, remote access to instruments, data buffering, and enhanced performance for your instrument systems.

UNIFI Network

An entry-level network with a maximum of 25 users, which is ideal for a small laboratory or company.

Network server

UNIFI client

Laboratory Network Device (LND)

Instrument system

GLP/GMP and 21 CFR Part 11 compliance

To reduce the risk of exposure in an inspection, the UNIFI Network makes it easier for organizations to meet compliance requirements.

- To comply with 21 CFR Part 11, the embedded UNIFI database offers an additional form of security. It prevents access to the data files and the database on the server, except through the UNIFI Software.

- Customize privileges and restrictions to functions within UNIFI Software on a user-by-user basis.

- UNIFI client software is securely transferred on-demand from the server, which ensures all software files are the same on all UNIFI client computers and streamlines software updates.

- Installation Qualification (IQ) and Operational Qualification (OQ) can be performed remotely from any UNIFI client that utilizes the UNIFI Qualification Center.

Archive, backups, and redundancy

You invest significant time, effort, and budget to acquire data and generate results that are critical for product development, compliance, and intellectual property. The UNIFI Network helps to ensure that this information is secure.

- Data archive can be initiated from any UNIFI client — a scientist can be collecting data at a specific client, while an administrator can initiate the data archive procedure from a separate open client.

- Waters has developed and tested UNIFI Software to leverage network server technology to ensure maximum software availability in the event of server hardware failures.

Version control and software maintenance

With the UNIFI Network, software is installed on the server and distributed to each client through the network. The update and upgrade process becomes more streamlined with minimal downtime, consistent software versions throughout the network, and a reduction on the demand for IT resources.

Increased performance

The UNIFI Network is based on an 'N-Tier Architecture' — tasks such as data processing, printing, database storage and retrieval are divided and distributed to the computers that are best optimized to perform them. Since a single computer is no longer executing all of the tasks, this 'distribution of power' increases overall performance.

WATERS GLOBAL SERVICES

Delivering world renowned services and support

Waters Service and Support offerings are tailored to optimize your laboratory productivity while addressing your budget realities. Our offerings help maintain system peak performance, minimize down time, address scientific application challenges and support stringent compliance requirements. As your services and support provider, we are committed to the success of your laboratory and business.

Waters quality support and consultative services ensure your success wherever your laboratory is located in the world.

Confirmit
ACE AWARDS
Achievement in Customer Excellence

Waters has consecutively earned the ACE Award since 2001 for providing best-in-class technical knowledge, issue resolution, and process support.

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