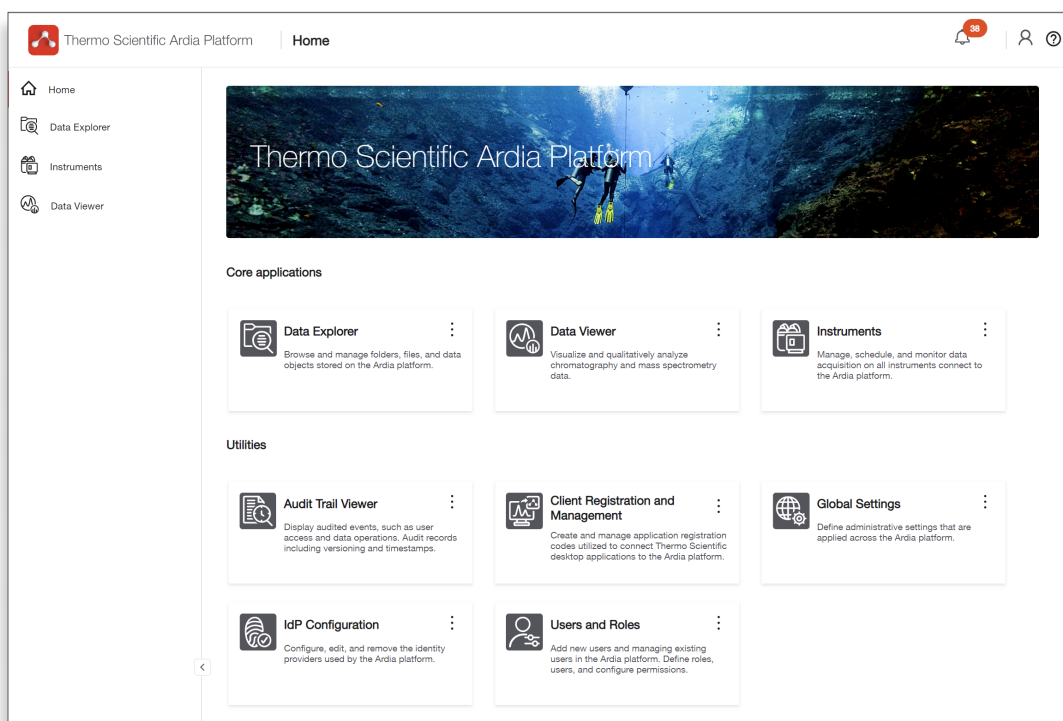


Instrument management with the Ardia Platform

Take control of your laboratory by ensuring that all your chromatography and mass spectrometry instruments are managed, connected and utilized more efficiently. Achieve greater productivity by centralizing operations, minimizing system downtime and experience a whole new level of clarity.

Effective instrument management is a critical element for any modern laboratory, but instruments are often standalone which makes management a manual and time-consuming task. This is why the Thermo Scientific™ Ardia™ Platform has the Instruments application at the heart of its core functionality. Designed to streamline instrument management, this application functions as the driving force behind managing, scheduling, and monitoring systems, enabling laboratories to get the most out of their instruments, bringing systems together for higher utilization to maximize return on investment.



The web-based platform provides a global environment with easy access to all associated features.

Centralize system management

Connect laboratories by viewing and monitoring chromatography and mass spectrometry instruments from a single location, delivering a simpler way to see all systems running under Thermo Scientific™ Chromeleon™ Chromatography Data System and Thermo Scientific™ Xcalibur™ software.

Asset management is facilitated for all configured systems. Instruments can be easily categorized, searched, filtered and sorted to allow lab managers to ascertain important information quickly, like service history, warranty expiration and service contract status.

The screenshot shows a dashboard with three instrument cards. The first card, 'LC1 Horizon', shows an injection 'Inject13' at 00:09:12 and a sequence 'SeqLC1b' at 05:49:12. The second card, 'LC2 Core', shows an injection 'Run5' at 00:06:48 and a sequence 'SeqLC2b' at 03:51:48. The third card, 'LCMS1', shows an upcoming reservation for 'Maya W - Glycopeptides' on May 05 at 8:00 AM. Below the cards are icons for 'LC1 Horizon Vanquish Horizon', 'LC2 Core Vanquish Core', and 'MS1 Eclipse Orbitrap Eclipse'.

All configured systems displayed from a single location with current status and upcoming reservations.

Presented on instrument cards, profile information (including details on all individual parts of a configured system) and live acquisition status, enable laboratories to harness real-time data to make fast, informed decisions.

Instrument configuration changes are tracked within the platform with the instrument card automatically updated allowing a straightforward way to easily manage and track each device ensuring the overview reflects the current state of the laboratory and instrument records are always complete and correct.

The screenshot shows the 'Instrument Information' page for 'LC1 Horizon'. It includes fields for 'Location: Austin', 'Room', 'Acquisition Software: Chromeleon 7.3.2.10557', and 'Service Contact: administrator 555-123-4567'. Below this is a table of device details:

Name	Serial Number	Model Number	Firmware Version	Warranty Expiration	Service Provider	Service Status	Contract Expiration
Binary Pump H	1234567	VH-P10-A	2.10	1-MAR-2023	Unity Lab Services		
Split Sampler HT	1234567	VH-A10-A	2.10	1-MAR-2023	Unity Lab Services		
Column Compartment...	1234567	VH-C10-A	2.99	1-MAR-2023	Unity Lab Services		
Charged Aerosol Dete...	1234567	VH-D20-A	00.00.25.27	1-MAR-2023	Unity Lab Services		

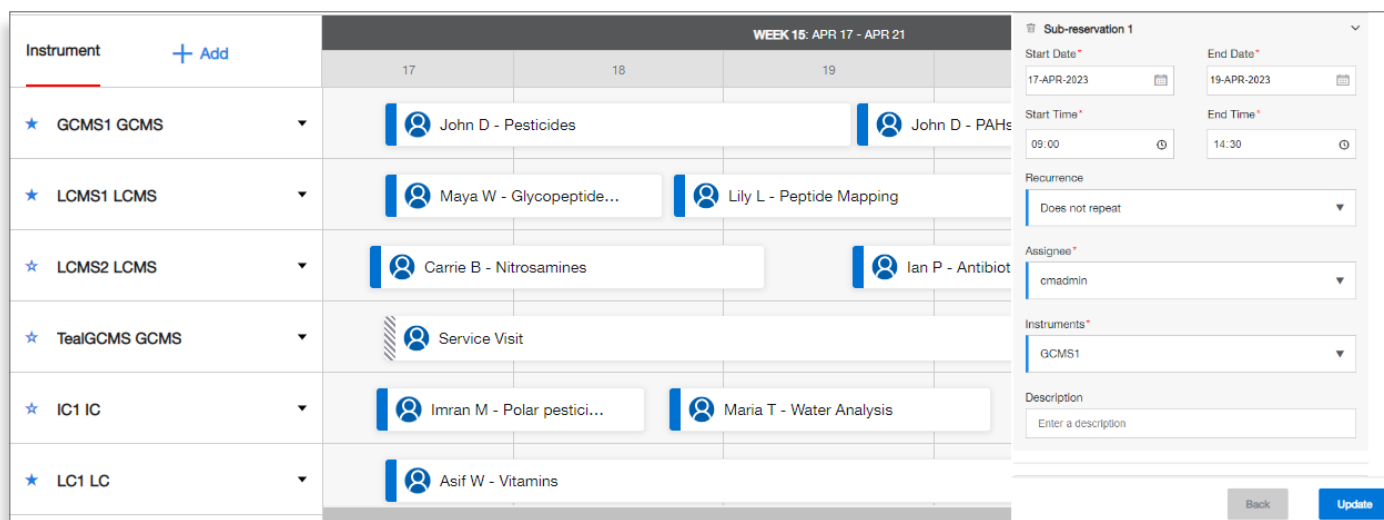
Configuration and device details are easily accessible from within the instrument cards.

Improve instrument utilization

In addition to easily monitoring your instrument usage, the Ardia Scheduler provides a single point to plan work, coordinate instrument maintenance, view system availability and manage projects.

Reservations and maintenance schedules can easily be setup using an online calendar that displays all configured instruments including the option to add other laboratory equipment not currently controlled such as balances. Filtering and favorite options ensure that a user can quickly locate and book specific instruments as and when required. It's also possible to create group reservations covering multiple instruments or even schedule by project.

Simplify laboratory management through maximizing availability and utilization of assets, avoiding scheduling conflicts and improving laboratory communication.



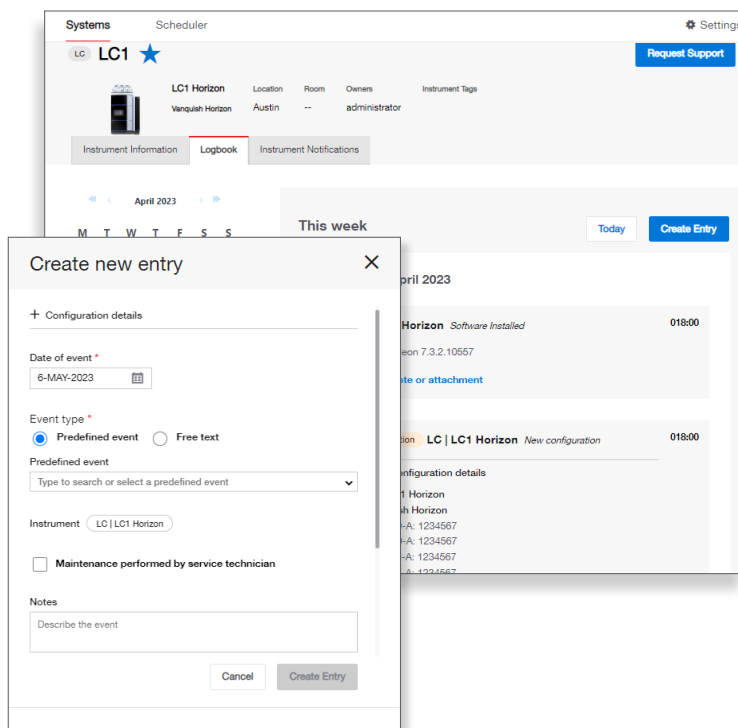
Manage instruments, equipment, people and projects with a built-in scheduler.

Eliminate paper with digital logbooks

It is not uncommon to see numerous handwritten logbooks scattered around the laboratory, but these are heavily reliant on the end user to enter information and the accuracy may differ between analysts.

Once an instrument is successfully configured and connected within the Ardia platform, the logbook captures events such as maintenance activities, configuration changes, support requests and software updates. Additional entries can be created manually, with a user able to select events from a predefined list, enter free text to capture further information or add attachments, thus maintaining a comprehensive log of date and time stamped instrument activities.

With digitized, standardized and centralized instrument logbooks, the laboratory can ensure instruments are effectively managed, delivering confidence in results, as well as supporting routine and periodic review.



Accurately record instrument related activities with a convenient digital logbook.

Accelerate service and support requests

Take advantage of enhanced instrument support via online generation of electronic tickets and accelerate instrument service by eliminating the need to log service tickets via phone call.

Use the built-in 'Request Support' functionality to guide you through the creation of a support package containing detailed information such as serial numbers, firmware versions and relevant log files ready for immediate delivery to Thermo Fisher Scientific technical support.

This facilitates troubleshooting, so requests and issues can be resolved faster increasing instrument uptime and laboratory productivity.

New Support Request
Creating a new support request will open a service ticket.

1 Choose Instrument — 2 **Ticket details** — 3 Contact Information — 4 Confirmation

Please provide additional information for support request.

Symptom *
Low sensitivity/ performance decline

Select date *
25-APR-2023

Incident description
Please provide a description of the incident. Include any additional notes or comments you would like the service representative to be aware of.

Attach a file
Share a file with tech support representative related to your support request.
[Browse file\(s\)](#)

Step-by-step guidance for electronic ticket creation and delivery.

Conclusion

Be more proactive than reactive and alleviate the burden of instrument management with a strategic, centralized approach to planning and gaining a clear view of your laboratory operations to improve utilization and productivity.

The Ardia platform, designed to drive collaboration and accelerate insights by connecting instruments, data, and scientists.

Learn more at thermofisher.com/ardia