

cobas[®] infinity laboratory solution

Integration to the next power

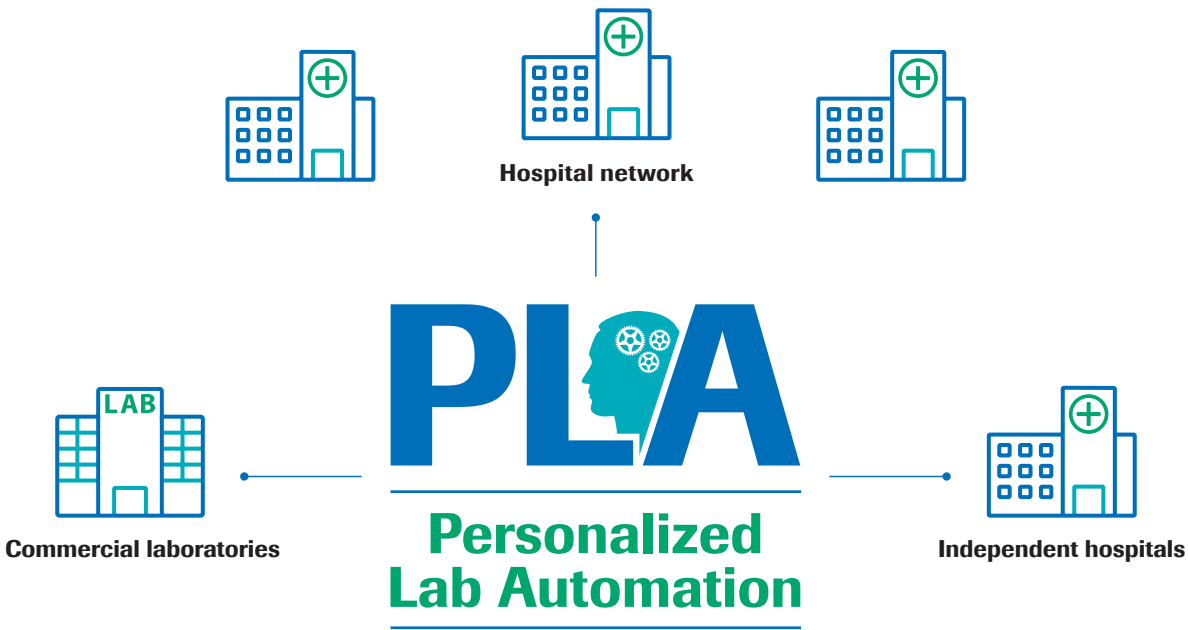
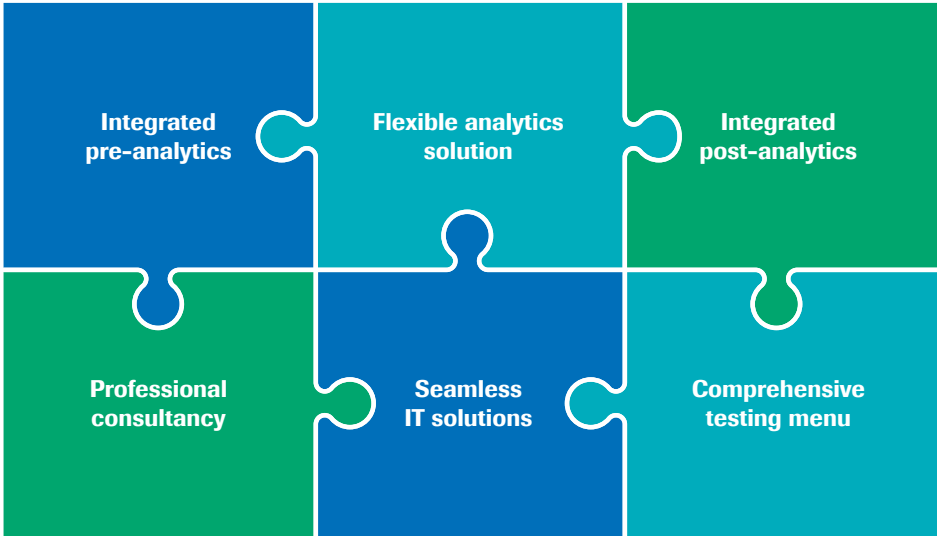


Personalized Lab Automation

Maximizing Testing Efficiency and Medical Value



At Roche, laboratory automated solutions deliver the quality and reliability you expect, with the personalization required by low-, mid- and high-volume laboratories.



1. Virtual Automation

To have the control you need, ensuring quality and efficiency across your lab, Virtual Automation gives you the capability to track your samples and reduce manual tasks through the cobas software solutions.

2. Standalone Automation

Pre- and post-analytical tasks are automated, offering maximum efficiency through flexible standalone solutions. It significantly reduces manual steps in the lab, enhancing error handling, safety and process quality.

3. Connected Automation

In addition to having all the benefits of Standalone Automation, Connected Automation offers transportation. Physically connecting different instruments allows maximum predictability of time to test results.

cobas® infinity laboratory solution

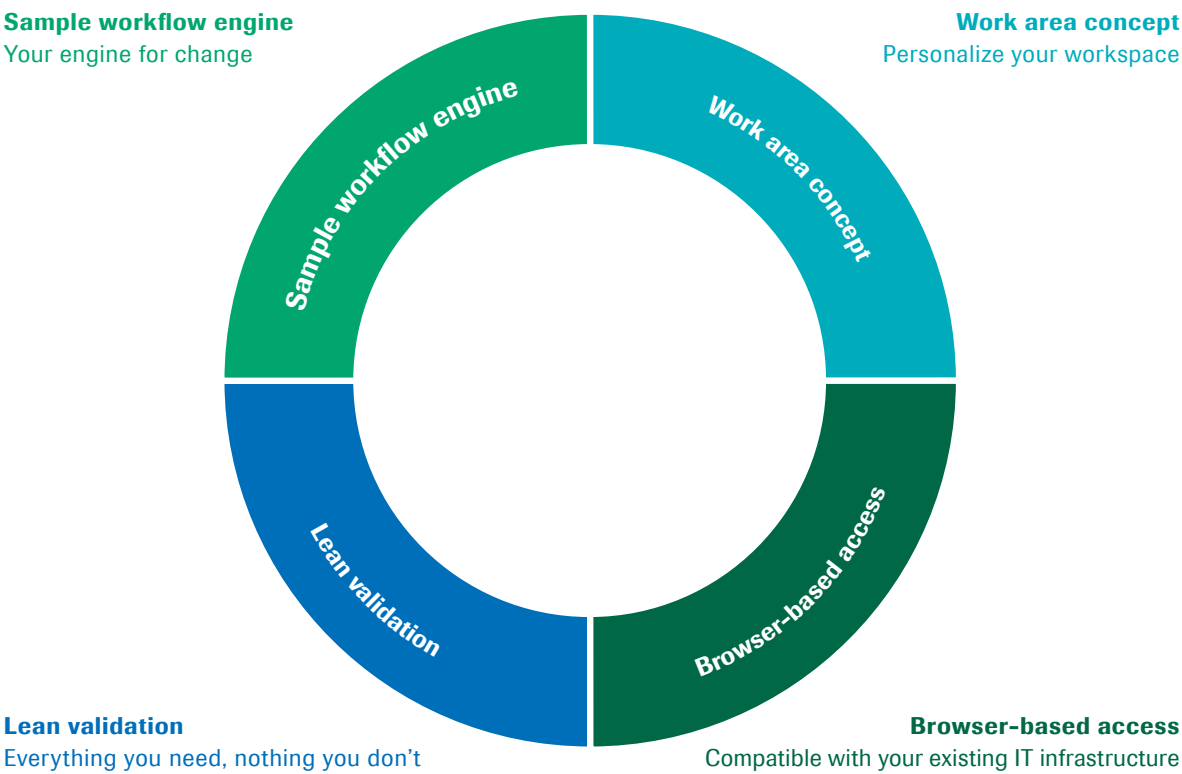
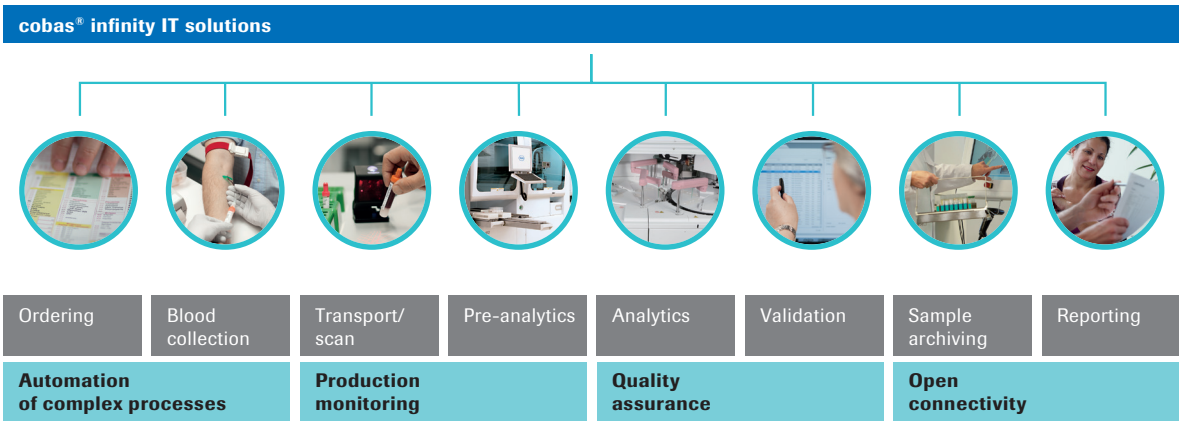
Integration to the next power

The intelligent use of Information Technology is critical for finding the balance between quality of results, turnaround times, testing productivity and cost efficiency.

Roche Diagnostics has designed an innovative browser based application, from experts for people, **cobas® infinity** laboratory solution.

Laboratories benefit from an intelligent solution designed to take over most time consuming tasks. It manages not only complex lab operations, but also an efficient flow from ordering to reporting across various testing disciplines.

cobas® infinity laboratory solution helps analyse and control all processes with many highly dynamic features to monitor and improve production performance.



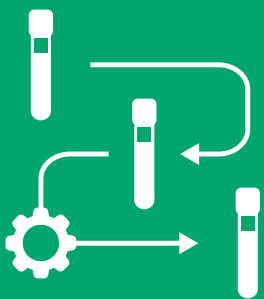
Maximum efficiency and impact are no longer just wishes – they are minimum requirements.

To succeed, you need more than systems that work in harmony. You need integration that unlocks exponentially greater performance.

Take integration to the next power with cobas® infinity laboratory solution. It was designed from the drawing board for people to work to their full potential. With cobas® infinity laboratory solution powering your lab, performance that was once not possible, is now reality.

Sample workflow engine

Your engine for change



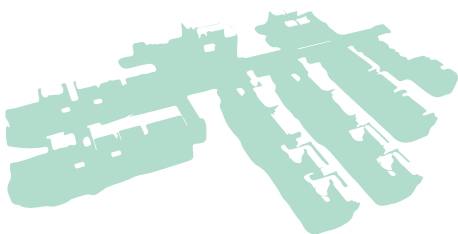
The sample workflow engine is your engine for change, because it is always adjusting for your ever changing lab environment. It offers these four key values for your lab:

- Visualize your workflow: decision based tree which allows you to easily view and control your sample workflows.
- Dynamic decision making: labs are changing throughout the day and **cobas® infinity** laboratory solution dynamically adjusts to the changing lab scenario.
- Modify workflow on the fly: the workflows can be adjusted depending on the lab scenario, while your samples are processing.
- Personalized for any lab: the solution is customizable based on the laboratory size and needs.

The sample workflow engine integrates the entire sample flow – from pre- to post-analytics – on a single

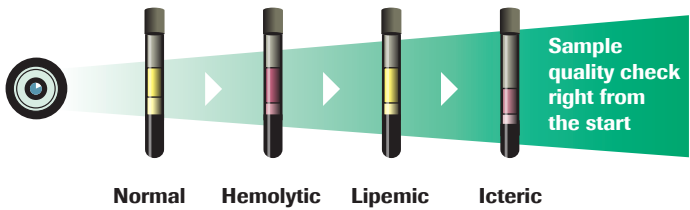
Sample distribution for maximum efficiency
Sophisticated sample distribution for routine scenarios and exceptions. Distribution rules can be configured in a number of ways.

- Optimum route for each sample
- Higher instrument utilisation rate
- Routing driven by sample information
- Cross-instrument reflex, repeat and reruns
- Only necessary sample movements

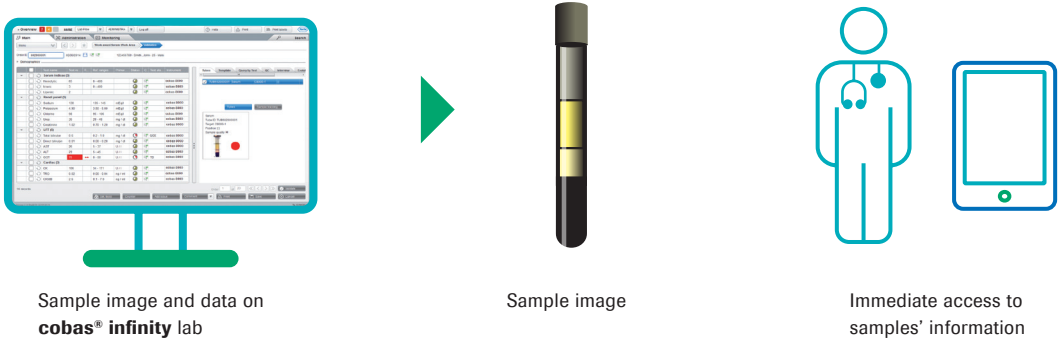


Automated sample quality check
Roche's automation solutions perform a comprehensive inspection of sample quality at an early stage. Tube type identification, liquid and volume detection, spin status and sample quality checks are done to optimize the overall lab workflow.

cobas® infinity laboratory solution takes automated actions for:
shortest time to result;
saving reagents and samples;
avoiding to produce incorrect results.



Capture of sample image
A valuable support for your medical decisions, enhancing reliable and fast results.



Work area concept

Personalize your workspace

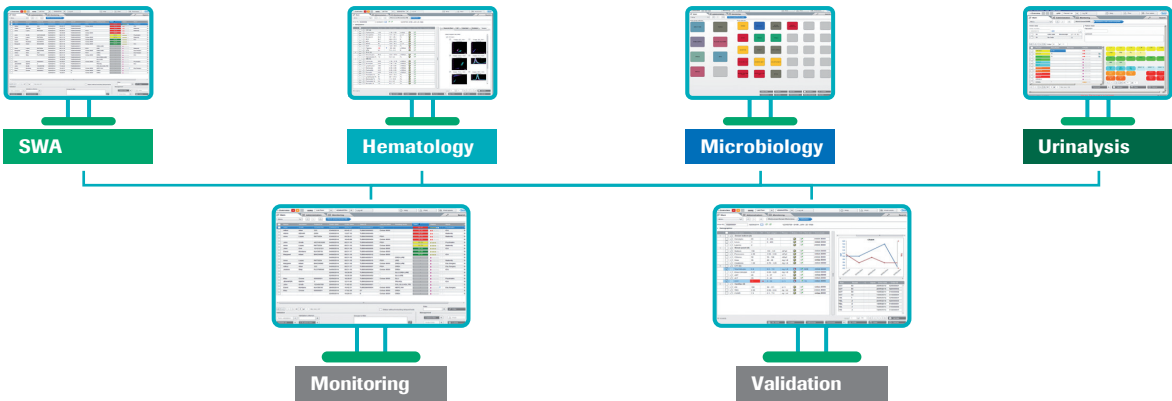


- The work area concept allows you to personalize your workspace, to have all relevant information in one place. It offers these four key values for your lab:
- On-demand solution’s customization: personalize the monitoring screens for any user and discipline, to allow efficiency and focus on the task at hand.
 - Comprehensive data filters: the different monitoring screens have various filtering options for displaying the specific set of information required for each user.
 - Intuitive, easy-to-use design for any user.
 - Streamline the user workflow.

The work area concept integrates information in real time so you can work to your full potential.



Management of complex lab processes
cobas® infinity laboratory solution has been designed to enable paperless workflow efficiency and is built specifically to match the structure of each particular work area. Work area screens can be configured allowing operators to focus directly on the tasks needed.



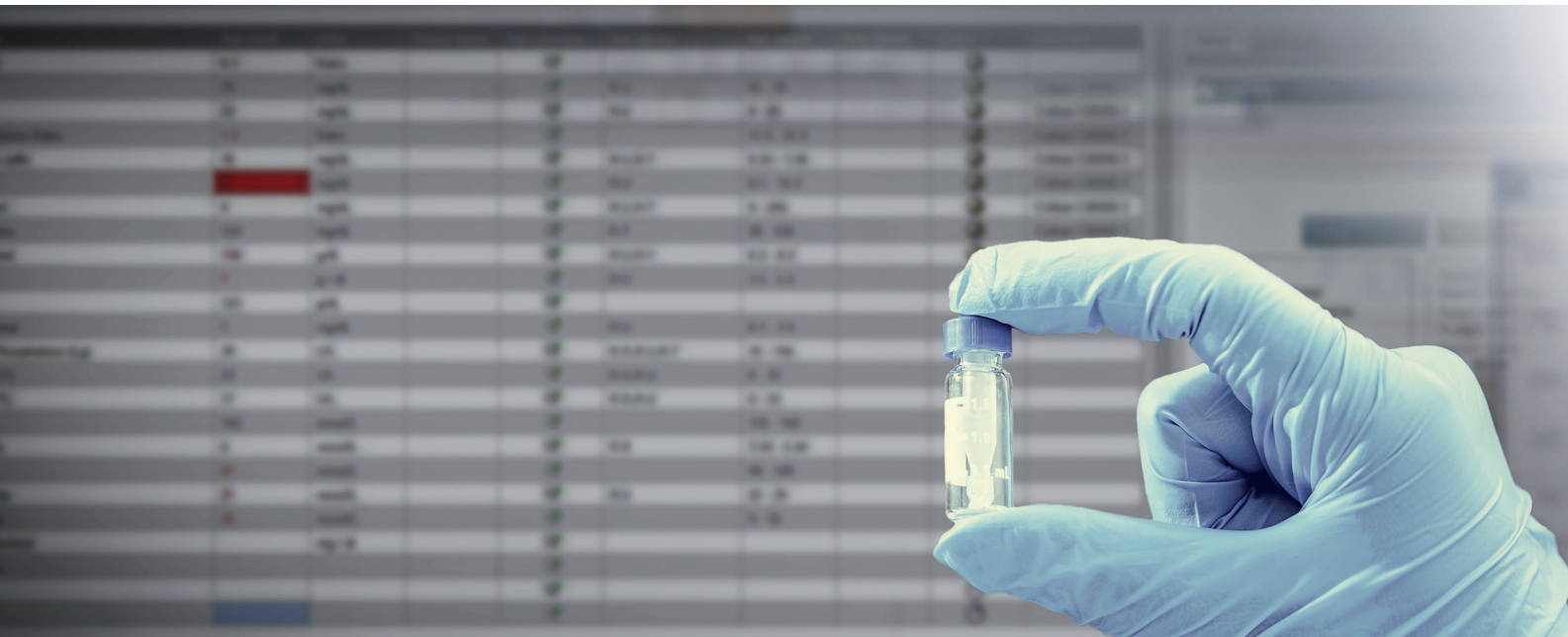
Dynamic production monitoring
cobas® infinity laboratory solution knows all the corners where samples can hide – from pre- to post-analytics and everywhere in between, delivering transparency and full control.



- Track samples from pre- to post-analytics
- Search samples and see processed flow
- Monitor TAT for specific samples, routine or STAT
- Route history across all locations

Lean validation

Everything you need, nothing you don't

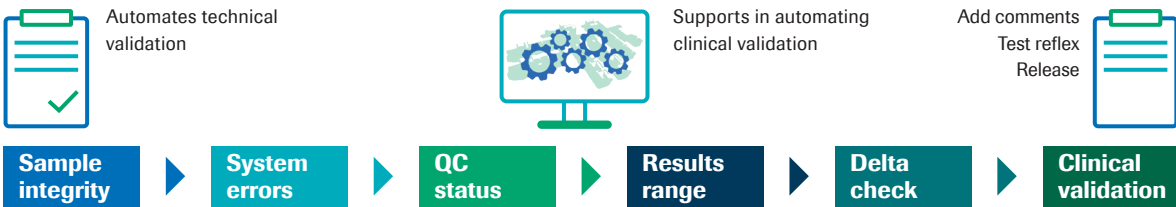


Lean validation provides you with all the information you need, while allowing you to focus on abnormal and critical results. Lean validation offers these four key values for your lab:

- Consolidates information on a single screen.
- Target attention on critical data: **cobas® infinity** laboratory solution specifically focuses on the necessary data and criteria for critical decision making.
- Never lose the focus on results: only relevant results are displayed to the user.
- Automatic validation: the validation engine can fully automate technical validation and supports clinical validation by adding comments and proposing or even automating retesting.

Lean validation integrates key information to accelerate your delivery of high-quality results.

Standardization and full traceability to maintain compliance.



Browser-based access

Compatible with your existing IT infrastructure



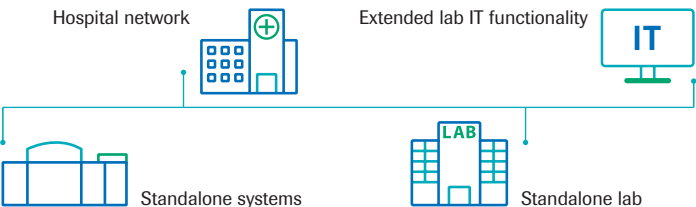
The browser-based access is compatible with your existing IT infrastructure. It offers these three key values for your lab:

- Easy and secure access for any user without client installation.
- Relieves the burden of installation and upgrades
- Roche continuously monitors the health of your IT solution

cobas® infinity laboratory solution simplifies usage and management of your solution through easy and secure access. You can upgrade the server and any browser-based client has automatically the latest version and configuration.

The browser-based access integrates IT into your lab environment to optimize your asset utilization and

One decision for all choices – scalable to your needs again and again



cobas® infinity laboratory solution connects every IT environment, from the smallest standalone lab to the largest hospital network.

COBAS and COBAS INFINITY are trademarks of Roche.
All other trademarks are property of their respective owners.

© 2017 Roche

Published by:

Roche Diagnostics (Schweiz) AG
Industriestrasse 7
CH-6343 Rotkreuz

cobas.com