Lonza

The MODA® Platform

Digitalize Quality and Manufacturing

🔍 Learn more

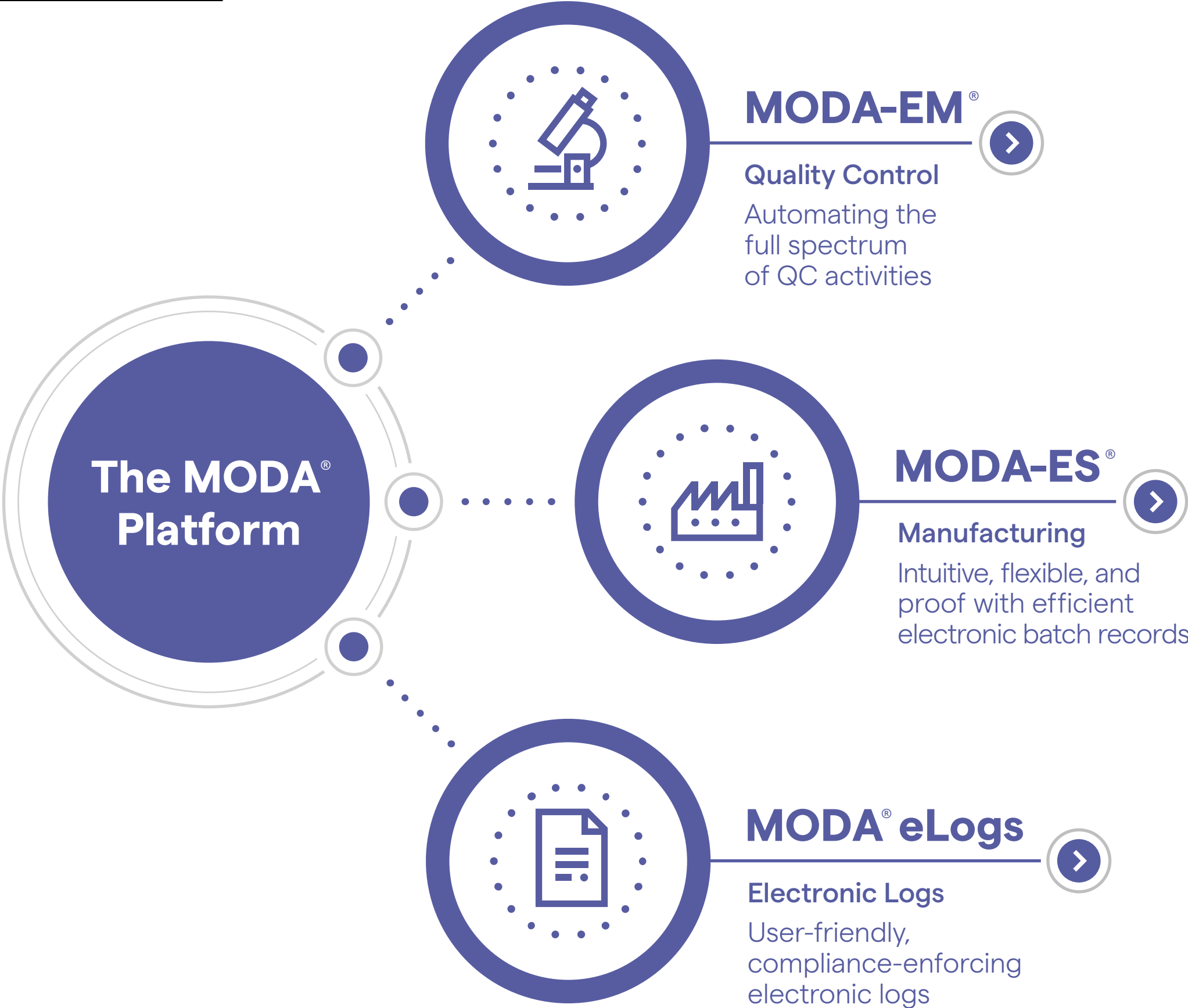✉ Contact us

Contents

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The MODA® Platform: Digitalizing Quality and Manufacturing

The MODA® Platform combines manufacturing and laboratory data into a single comprehensive source to expedite pharmaceutical product release.

- User Centric
- Modular
- Scalable

The MODA® Platform is comprised of 3 modules. Choose the module that's right for you now and easily scale to suit your requirements by adding additional modules when needed.

The MODA® Platform

MODA-EM®
Quality Control
Automating the full spectrum of QC activities

MODA-ES®
Manufacturing
Intuitive, flexible, and proof with efficient electronic batch records

MODA® eLogs
Electronic Logs
User-friendly, compliance-enforcing electronic logs
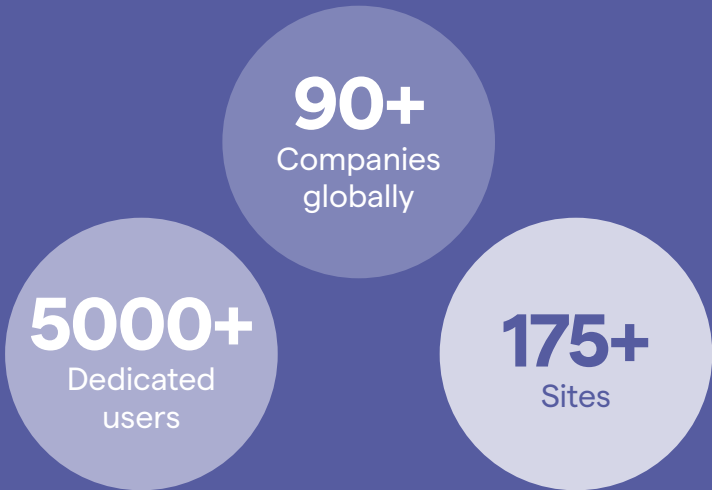
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Why Choose the MODA® Platform

The MODA® Platform is designed specifically for the pharmaceutical industry to enable organizations to digitalize their operations.

A track record of success

We have extensive experience in pharmaceutical manufacturing and informatics, having worked with customers around the world, across all therapeutic modalities. Partnering with us gives you the expertise needed for timely implementation and long-term digitalization success.

90+
Companies globally

5000+
Dedicated users

175+
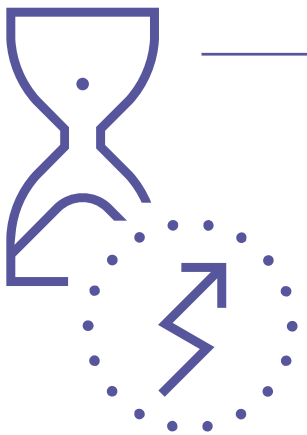Sites

Industry experience

The MODA® Platform addresses the issue of paper records associated with batch records, QC forms and logbooks, long cycle times for review/approval activities, deviations for missing entries, incorrect entries, calculation errors and incorrect workflow decisions.

Lonza looked externally for a solution, but found the marketplace was too expensive and not flexible enough to meet our needs for clinical phase CMO customers that had changes more frequently than commercial operations.
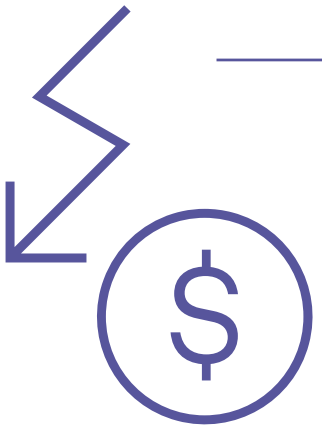
The Lonza Informatics Team stepped in to help solve that issue. The combination of the subject matter expertise from multiple Lonza Manufacturing Groups and Lonza Informatics understanding of paperless solutions in a regulated space allowed for a product that solves the needs of the mid-sized CMO/ Pharma plant. Lonza Informatics know-how and Lonza manufacturing's experience allowed for a more flexible, cost effective solution to replace paper records than other solutions in the market.

Quality
Enforce compliance to SOP's

Efficiency
Real time access to data

Cost
Reduced time to collect and analyze data

Learn more

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MODA-EM® Paperless Quality Control

More Science. Less Paper.®

The MODA-EM® Module is a regulatory-compliant paperless solution that automates QC processes. Users can easily manage and report on the full spectrum of EM and QC information — including surface, air, personnel, compressed gas, and product testing.

Out of the box, the MODA-EM® Module seamlessly integrates with commonly used instrumentation automation technologies and media found in manufacturing facilities, as well as with laboratory information management systems (LIMS).

With the MODA-EM® Module, organizations get timely, accurate QC monitoring through location-based scheduling, mobile data collection, and paperless lab processing. Real-time access to data enables on-demand reporting, trending, and visualization capabilities for in-depth process analysis and ad hoc queries.
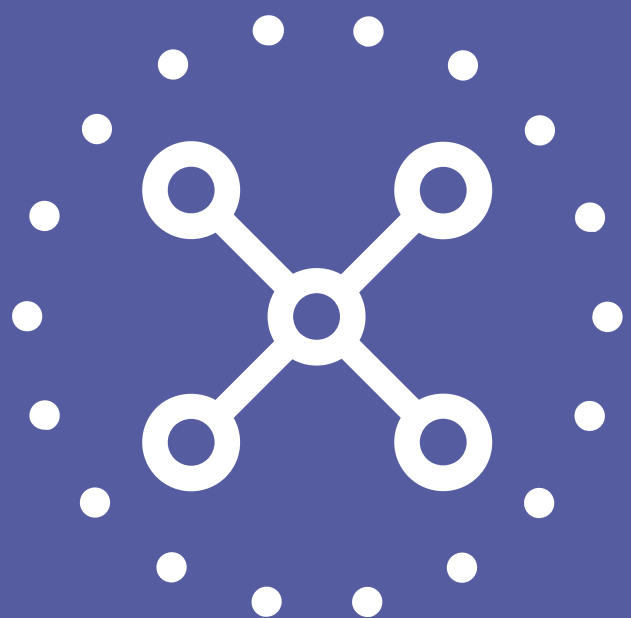
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A dedicated QC solution

Built by QC personnel, for QC personnel. Delivers the efficiency, quality, and compliance that QC labs need

Powerful analytics

Easily collate, trend, and visualize data with robust reporting and trending packages. Real time access to your data at the click of a button

Seamless integrations

Extensive library of interfaces to devices, automation and IT systems to support connected operations

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MODA-ES® - Digitalize Manufacturing

Manufacturing Execution Systems (MES) have been unattainable for most companies due to cost and flexibility concerns. But the MODA-ES® Module provides a flexible, modular, and easy-to-configure solution at an accessible price.

Designed to be configurable over customizable, it has an easy-to-use interface, meaning manufacturing technicians who understand the processes can build the workflows. The configuration of the system includes areas for data recording (measurements), instructional text (including hyperlinks to SOPs), electronic signatures, sections, and drag-and-drop workflow.

The MODA-ES® Module design means deployment is rapid and lowers the total cost of ownership. Individual processes can be created and validated, reducing the workload when bringing a new product into a facility. Companies can simply re-use existing validated processes, minimizing the need to create new ones. Additionally, flexible standard methods mean manufacturers can process products of the same family, without needing to build and validate an entirely new process.

Learn more

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MODA-ES® Module

Affordable — more cost-effective than traditional systems.

Scalable — a solution that can support your business needs as you expand operations from clinical to commercial.

Rapid Deployment — processes can be created, validated, and used across different products.
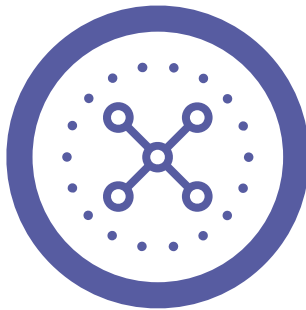
Modular Process Creation — create standard processes for products of the same family, with the flexibility to vary the raw materials, fill volumes and equipment types.

User-Centric — intuitive, simple user interface and workflow-driven data entry for batch records, sterility tests, and cleaning forms.

Expedited Review and Approval by Exception — with electronic checklists and deviation alerts to trigger timely intervention. Manufacturers unlock expedited product release.

Seamless Integration — with other cGMP-compliant systems and production equipment for effortless, reliable data transfer.

Domain Knowledge — our team have wide ranging experience to help support all stages of the project from creating a business case to implementation and validation.

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MODA® Electronic Logs

The MODA® eLogs Module maintains electronic logs for seamless task execution, scheduling, reviewing, and record-keeping.

This user-friendly, compliance-enforcing system is a powerful starting point for your digital transformation.

- **Intuitive** — a smooth, app-like user experience. Easy to navigate, with minimal training needed

- **Enforced compliance** — enforce SOP-compliant workflows for right-first-time data collection

- **Improved data integrity** — time-stamped audit trails, electronic signatures, and protection against use of out-of-calibration equipment ease the path to regulatory compliance

- **Configurable and flexible** — configure and build out workflows based on your company's needs and capabilities. Easily update workflows when processes change

- **Seamless end-to-end operations** — Smoothly integrates with other MODA® Platform Modules and external systems for automatic scheduling, logging, and tracking

- **Reduce deviations** — automatically schedule logs after equipement and room use with enforced tracking of status and state to ensure manufacturing occurs with only released areas

- **Real-time data access** — easily search data for quick investigations and decision making. All logs for one piece of equipment together to understand the full picture

- **Expedited review and approval** — Review-by-exception workflows streamline log checks. Eliminate the need to manage, maintain, and store your paper logs

The MODA® Platform for Cell and Gene Therapy

The MODA® Platform for Cell and Gene Therapy is a scalable manufacturing execution system (MES) built for cell and gene therapy. The system consolidates all cell and gene therapy manufacturing and batch related quality data, into one digital record that enables track and trace of human materials to ensure patient safety.

With data integrity, compliance, and traceability at its core, the MODA® Platform for Cell and Gene Therapy captures trends and quality and performance metrics while eliminating the errors of paper-based systems. The result is real time insight into operations and processes, and valuable efficiency gains.

Unlike traditional approaches, the MODA® Platform for Cell and Gene Therapy provides a range of configurable options for expedited implementation and validation at an affordable price. With a flexible, user-friendly workflow suitable for manufacturers of any size, this platform brings the power of paperless execution to cell and gene therapy.

Learn more

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The MODA® Platform for Cell and Gene Therapy

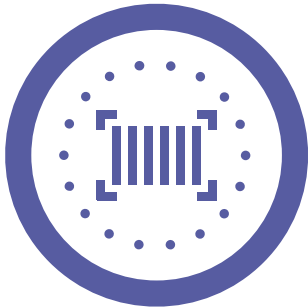**Affordable —** more cost-effective than traditional systems.

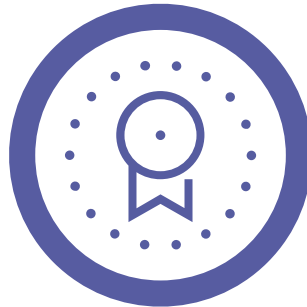**Single-Record Solution —** combines manufacturing and quality data in one system.

Built By and for End-Users — flexible, with simple workflows suitable for companies of any size.

Rapid Deployment — modules can be created, validated, and used across different processes.

Track and Trace — to enable parallel processing while ensuring patient safety and maximise capacity and support scale up of production.

Quality and Compliance — built into the process to drive the workflow and ensure a safe and expedited product release.

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Implementation and Validation Services

Domain Knowledge

We have extensive experience in pharmaceutical manufacturing and informatics, having worked with customers around the world, across all therapeutic modalities. Partnering with us gives you the expertise needed for timely implementation and long-term digitalization success.

Proven Approach

Join 5000+ users across 175+ sites in 90+ companies who are already using the MODA® Platform to optimize their operations.

Validation Support

We provide a comprehensive risk based documentation package for validation of the core MODA® Applications. Our experts combine their experience of executing multiple global projects with an understanding of industry requirements to help support your validation effort.

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Useful Resources

Case Study: Nephron - Developing an Electronic Batch Record Solution That Meets Pharmaceutical Manufacturers' Needs ❯

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Case Study: Nikon CeLL innovation Co - Microbiology and more – unleashing the power of the MODA-EM® Solution ❯

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Case Study: Digitalizing Cell and Gene Therapy Manufacturing ❯

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Webinar: MES for the Future ❯

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Webinar: Electronic Logs: Replace Paper with Productivity ❯

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How To Guide: Building a Business Case for a Digitalized QC Platform ❯

LONZA

The MODA® Platform:
Digitalizing Quality and
Manufacturing

Contact Us

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Learn More:

The Lonza MODA® Platform ●

MODA-EM® Paperless QC Microbiology ●

MODA-ES® Next Generation Electronics Batch Records ●

MODA-ES® - MES for Cell & Gene Therapy ●

MODA® Electronic Logs ●