

Company Background

Software company automates QC Micro processes within Life Sciences industry

Within the Life Sciences industry, paper-based QC Micro laboratory processes are expensive, error-prone, time and labor-intensive. MODA Technology Partners provides a mobile data acquisition platform that enables quality assurance and quality control organizations to automate their regulated manufacturing processes, including environmental monitoring (EM), utility testing, and product testing. MODA's flagship software, MODA-EM™, is a paperless QC Micro solution that leverages mobile computing technology and advanced visualization tools for increased operational efficiency, improved quality, and reduced costs. MODA enables companies to advance their Green Initiatives by reducing and eventually eliminating the need for paper-based, labor-intensive EM programs.

Mobile data acquisition platform

MODA integrates with laboratory information management systems (LIMS) to bridge the communication gap between quality assurance and production. Components include:

- **MODA-EM™** | MODA's flagship software for Paperless Environmental Monitoring automates your QC Micro data collection and management (EM, utility, and product testing).
- **MODA-VIP™** | MODA's Visual Intelligence Portal provides improved insight into your manufacturing operation and testing data.
- **MODA-FDC™** | MODA's Field Data Capture let's you quickly collect, label (barcode) and track test samples for EM, utilities, and products at the point of sample within all critical areas including cleanrooms.

Benefits to QC organizations: More science, less paper

MODA ties together automated scheduling, workflows, mobile data acquisition, device integration, and advanced analytics—removing manual, paper-based tasks, and saving time and money while improving compliance. QC organizations are able to:

- Automate data collection from devices and people—eliminating redundant data entry and transcription errors.
- Increase worker efficiency and enforce regulatory compliance.
- Make sound product quality and release decisions with comprehensive analysis and reporting.
- Quickly advance Green initiatives.

Comparison: Manual processes yield inefficiencies

Common manual paper-based process steps still burden most QC Micro programs: paper scheduling, sharpie pen labeling of sample media, manual reconciliation, paper log book entry, and manual notification on deviations. Test results are stored in shelves of paper binders, a challenge to quickly navigate during an audit. For Corrective and Preventative Action (CAPA) purposes, building a set of trend reports may require more than eight weeks. Unfortunately, by the time a trend of activity is developed and recognized, the condition causing the trend is likely to have changed—making it difficult to support corrective action activities—and nearly impossible to perform meaningful preventative actions.

Paperless efficiency example: Production time reduced 50%

The typical paper-based process for a sample collection regiment is roughly about 8 hours per person, per shift. By employing a best practices-based, mobile data acquisition platform for sample collection, the process time is cut in half to roughly 4 hours per person, per shift. This savings has significant implications when it is applied to multi technician, multi-shift operation for a one year period.

View solution for **viable air testing**: <http://www.modatp.com/index.php/paperless-efficiency-example>

View solution for **non-viable air testing**: <http://www.modatp.com/index.php/non-viable-air-testing>

Going Green with MODA

Lawrence Berkley National Laboratory estimates that one office worker can use an estimated 10,000 pieces of copier paper within one year. Based on direct client feedback, we have found that in pharmaceutical manufacturing, the associated paper-based EM and Utility Monitoring regimens can easily produce over 10 binders per month with up to 1,000 pages of paper per binder.

Global software excellence

Headquartered in Wayne, Pennsylvania, MODA serves clients worldwide in conjunction with authorized resellers and technology integration partners throughout North America and Europe.

Representative client list

MODA has a diverse client base that includes:

Alexion Pharmaceuticals
Amylin Pharmaceuticals
Argos
Auxilium Pharmaceuticals
Boehringer Ingelheim
Celgene Corporation

Charles River Laboratories
ImClone Systems,
a subsidiary of Eli Lilly
heipha Dr. Müller GmbH
Lonza Walkersville
MedImmune

Pfizer
Rentschler Biotechnology
SAIC
Talecris Biotherapeutics
XOMA