

# CASE STUDY



## ORGANIZATION:

Mississippi Veterinary  
Research & Diagnostic  
Laboratory System

## INDUSTRY:

Veterinary Sciences

## SOLUTION:

Q-Pulse  
Quality Support Program  
(QSP)

### Background:

The Diagnostic Laboratory System is composed of four laboratories that are administratively housed within the Department of Pathobiology & Population Medicine, College of Veterinary Medicine, Mississippi State University. Through the network of these four laboratories essential services in microbiology, pathology, clinical pathology, molecular diagnostics, serology, toxicology, and virology are provided. All 82 counties in the state are served by the laboratory system. Over 70,000 case accessions requesting diagnostic services are received on an annual basis.

### The Challenge:

“Before Q-Pulse, we were challenged with maintaining a labor-intensive, time-consuming paper document system.”

In preparing for AAVLD accreditation, MVRDLS quickly realized they had not been utilizing Q-Pulse to its full potential. Lab staff were documenting training sessions, but standardization of how training was being documented and against which requirements was inconsistent at best. Training records were not centrally controlled making it difficult to audit internally as well as to prepare for external audits.

Joey Kellum, Quality Manager and Safety Officer for the four labs knew they had the right tool, but lacked the resources to expand its use. After meeting the folks at ECL2 and hearing of their work with other VDLs, he knew he’d found his answer.





“ ECL2 was there when we needed them. They provided us the service and assistance we needed to further customize Q-Pulse in our system. ”

**Joey Kellum**

Quality Manager and Safety Officer, MVRDLS

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**The Solution:**

“ECL2 was there when we needed them. They provided us the service and assistance we needed to further customize Q-Pulse in our system. They understand our laboratory environment and our quality requirements, which gives them the edge in configuring the software and providing assistance to us. I would highly recommend them to other laboratories to handle their quality management software needs.”

ECL2 enabled Joey Kellum, Quality Manager and Safety Officer for the Mississippi Veterinary Research & Diagnostic Laboratory System to tackle the complexities of managing a large system spread out over multiple locations, enabling him to reduce the inefficiencies and gain better control.

**Conclusion:**

“The centralization allows me to manage quality efficiently over a 4-laboratory system in multiple locations.”

“Q-Pulse has enabled us to move a lot of our documents and records to electronic form, but still allows us to work with any needed paper ones. The modules in Q-Pulse are brilliantly designed to streamline and efficiently manage the processes of the lab where the documents are used and the records are produced.”

**For more information on Q-Pulse please visit our website at [www.ECL2.com](http://www.ECL2.com) or contact us directly at 469.828.5006 or by email at [inquiries@ECL2.com](mailto:inquiries@ECL2.com).**