

CASE STUDY

Leading pharmaceutical provider achieves compliance and cost savings with archiveIQ®

Retiring legacy systems while staying audit-ready and future-proof

Project overview & challenge

Maintaining and managing legacy systems while ensuring compliance is a daunting challenge for most pharma organizations. A leading pharmaceuticals provider commissioned Sikich with a need to retire their QMS and other legacy systems (DMS and LMS) while preserving critical data for audits and regulatory requirements. Their goals were clear:

- ➡ Decommission QMS systems without losing historical data
- 📄 Maintain audit readiness for FDA and global regulatory inspections
- 🔗 Integrate multiple systems into a single, secure repository

Key components & functionality delivered

archiveIQ® provided the client with a seamless archival process:

Multi-system support

Enabled archiving of various QMS data and future ingestion of DMS and LMS content

Scalable architecture

Handled large data volumes without performance compromise

Audit-ready access

Delivered intuitive search and retrieval capabilities for inspectors and internal QA teams

Validation team insights

What made the project smooth and successful:

- 🔗 Established trust from a recent cloud QMS platform implementation and strong alignment with the client team on data verification expectations and test scripts enabled a seamless transition into the initial testing cycle.
- 📊 Efficient, well-coordinated validation effort due to early alignment to client expectations.

Project challenges (data verification)

Source-to-target comparison

Verification was more complex than anticipated due to limited familiarity with the client's legacy QMS system. Some fields were not visible to testers using read-only profiles.

Unexpected issues

Duplication of the letter 'f' in certain fields was identified during formal testing.

Proactive alignment

The importance of aligning early in the project on the client's expectations to ensure downstream validation activities proceed smoothly and efficiently.

Key benefits delivered

Risk mitigation

Eliminated dependency on legacy system licenses, avoiding costly compliance risks.

Operational efficiency

Simplified data access across systems, reducing time spent on audits and system maintenance.

Future proof solution

Positioned the organization to expand archiveIQ® usage beyond QMS to other regulated DMS and LMS content repositories.

Why it matters

For large-scale pharmaceutical organizations, retiring legacy systems isn't just an IT project, it's a compliance imperative. archiveIQ® bridges the gap between operational needs and regulatory responsibilities, ensuring data integrity, security, and accessibility long after system sunset.

Looking to optimize legacy system strategies and data management initiatives?

Contact RQCInfo@sikich.com to learn more.

For more information about our services, visit www.sikich.com.