

Offshore Solutions



INDUSTRY:
Healthcare



TIMELINE:
13+ years



Acquired by LexisNexis Risk Solutions in 2014, Health Market Science (HMS) is a leading provider of end-to-end solutions that leverage data analytics to reduce risk and inform decisions in the insurance, financial services, healthcare, and government sectors, addressing data management, regulatory compliance, and market intelligence.

CLIENT CHALLENGES

- Massive and diverse datasets, with changes in the data taking a week before reaching clients
- The product suite's complexity – which rendered it hard to build a team structure capable of maintaining high performance and continuously adding features, all while keeping costs low
- Lack of documentation and de-identified data for development
- The legacy platform's inability to integrate with new technologies and seamlessly process large datasets

SOLUTION IDENTIFIED

To meet the goals of updating software and systems, improving capacity and quality, and increasing delivery speed, KMS offered a solution package with:

- **Process consultancy:** development of a flexible and scalable onshore/offshore collaboration model
- **Product development:** design, coding, and deployment for 8 products and platforms
- **Testing:** all testing activities
- **Data collecting operations:** software for data collection and a team to run collection cycles

SUCCESS STATISTICS

User acceptance testing with only

3 Defects

in 2018

0

Critical coding
defects released

An increase from 1 software engineer to a team of 70 after the first 3 years of partnership

KMS IMPACT



KMS Healthcare tailored a testing automation process to meet HMS' software development life cycle and data security policy, resulting in production deployment with minimal errors and exceeding the expectations of both HMS and their clients.



The KMS team implemented a new microservices-based technology that utilized a NoSQL database and Elasticsearch to reduce the time data changes took to process. As a result, data are now visible daily, in real-time.



We modernized HMS' legacy platform while developing software that collected, consolidated, and processed varied datasets. Once LexisNexis acquired HMS, KMS Healthcare then helped transform and migrate data to LexisNexis' existing platform.



Our code quality, process compliance, integrity, commitment, and performance ensured the development of a scalable and robust system.



The KMS team allowed us to get high-quality products to market quickly. When our business needs dictated a change in direction, we could change and adjust quickly and deliver.

- Senior Director Development

CONCLUSION

Having started with a single developer in 6 months, KMS Healthcare demonstrated the capability to meet and exceed all objectives HMS had for the engagement. This partnership proved critical in adapting to new leadership and direction during and after the LexisNexis acquisition. KMS continued afterward to be a valuable strategic partner with LexisNexis, delivering high-quality code as the partnership evolved.