

Facilitated long-term adaptability and operational agility for a **Premier Enterprise Software Provider in the EHSQ Sector**



About the Client

Is a globally renowned enterprise software provider since 1985

It is a pioneer and thought leader in the Environment, Health, Safety, and Quality (EHSQ) domain

It specializes in delivering comprehensive solutions across the EHSQ management spectrum

It features a cutting-edge industry-leading platform and a diversified portfolio enhanced by strategic acquisitions

It empowers organizations globally to optimize their EHSQ operations while setting benchmarks for innovation, scalability, and value-driven results in enterprise

It has consistently earned recognition as a category leader in the highly regarded Verdantix (an independent authority in EHS research and advisory services) benchmark reports

It delivers services to a global clientele of over 1,500 organizations across 130+ countries

Business Needs

Extend the NHS ESR system import/export functionalities to the client's core platform and support the client's strategically acquired business

Create a cost-efficient, scalable and flexible infrastructure that adapts the growing business demands and ensures resources are optimized based on active usage

Solutions

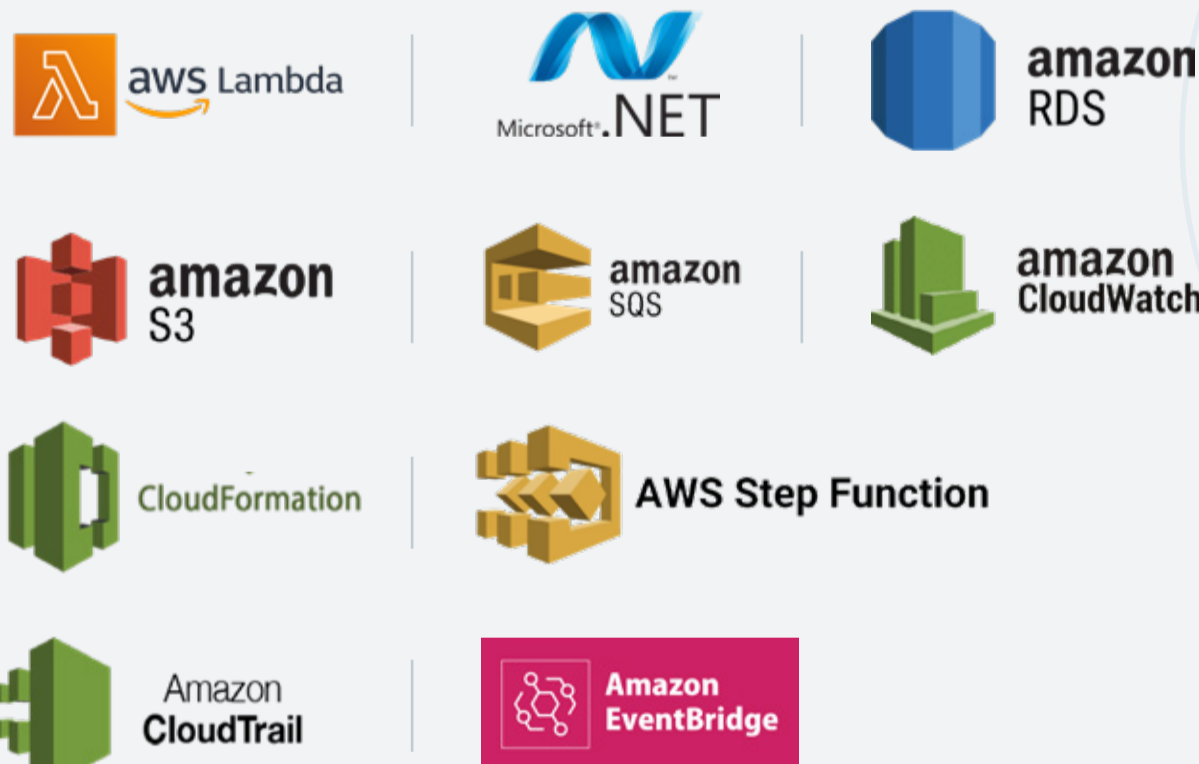
Developed the ESR interface as a standalone microservice

Utilized the following critical AWS services to develop the solution:

- AWS Lambda (Step Functions, S3, Amazon Aurora, Amazon Simple Queue Service, CloudFormation)
- SAM templates (Amazon CloudWatch, AWS CloudTrail, Amazon EventBridge)

Integrated the proposed solution with the AWS Cloud Native ecosystem to harness the full potential of AWS's robust cloud infrastructure and service portfolio

Technology Stack



Business Impact

01 Ensured uninterrupted business operations and readiness for the future through successful replication of the ESR functionality

02 Enabled seamless future expansion by integrating new systems and adapting to evolving demands without the need for core platform re-architecture

03 Achieved faster delivery of business-critical features with quicker and streamlined development and deployment cycles using AWS Lambda and Step Functions

04 Optimized costs by deploying serverless computing and incurring charges only for active usage

05 Enhanced system reliability while ensuring uninterrupted business operations through real-time monitoring with AWS CloudWatch

06 Aligned the platform with the client's strategic vision and **ensured long-term adaptability and operational agility**

Cybage Hi-Tech



Driving business growth with superlative solutions