Increased Product Stability for Provider of Library Science & Research Technology Solutions

Overview

A marketing leading provider of library science and research technology solutions had a premier product that was experiencing reduced market share due to an aging technology stack. Customers were electing to move to alternate solutions even when presented with a large implementation and migration investment. The client engaged New Era Technology to architect, design, and implement a cloud native product architecture to ensure product stability and reverse the market share trend.

Challenges

The organization was experiencing a rapid loss of market share in an industry with high friction to change. Due to the technical debt and limitations of on-premise resources, there was a growing total cost of ownership. The client also had a monolith application architecture, which limited the scope and impact of change due to high risk and limited resources. Lastly, a waterfall software development lifecycle kept the cycle for a long time.

Solution

To increase product stability and help reverse the negative market share trend, New Era proposed the following solutions:

- Full gap analysis of current and future state using Domain Driven Design.

- Worked with other product areas to determine feasibility and viability of using their solutions for common functionality.

- Implementation of cloud native architecture using Amazon Web Services with some hybrid cloud approaches when necessary.

- Adopted Agile Scrum Software Development Lifecycle to dramatically shorten cycle time and allow for consistent feedback cycles during development.

Want to learn more about this project or solution?
Call us at 877-696-7720 or visit neweratech.com/us/contact-us.

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