Virtusa helped client achieve 30% reduction in development effort leveraging the engineering arbitrage framework

Challenges

- Increasing cost of maintaining "Hold" applications
- Application access and outage issues, with longer Triaging
- Maintainability Issues due to complex code
- Need for better monitoring across the board with Eyes on Glass single panes

Solution

- Assessed the tech debt maturity for 9 HOLD applications, using Virtusa's framework.
- Baselined the debt levels using SonarQube input, reviewing code base and conducting surveys with app owners
- Managed the L3 and Engineering services for the larger 2 of the 9 applications
- Identified critical debt using Virtusa's accelerator.
- Deployed remediation specialists to remediate code debt to optimal levels for the two HOLD applications.

Value delivered

- Reduce average effort per feature by 30% from 988 Hrs. to 696
- Reduce headcount from 52.5 by 12% in Y1 and 30% in Y3
- Reduce annual spend from $7.35M by 10% in Y1 and 25% in Y3
- Reduced code duplication
- Improved compliance, changeability and code efficiency
- Increased unit test coverage to prevent defect leakage.

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