

Application Transformation by Eviden

Eviden is a premier Global Systems Integrator, blending advanced technologies with strategic insight for optimal business outcomes. Our tailored solutions set us apart, catering to enterprises aiming for digital excellence.

What We Offer

The Eviden Application Transformation Services invoke code refactoring and configuration automation, leading to cloud readiness for faster release cycles and a consistent deployment process. This enables modern development methodologies and architecture patterns to lead to innovation, agility, security & compliance, and standardization of running workloads on Azure.

We use Cloud Code Refactor Insights (CCRI), an in-house tool that provides a standardized application modernization and cloud disposition strategy that includes automated code assessment and code remediation capabilities for a predictable, repeatable & reliable approach.



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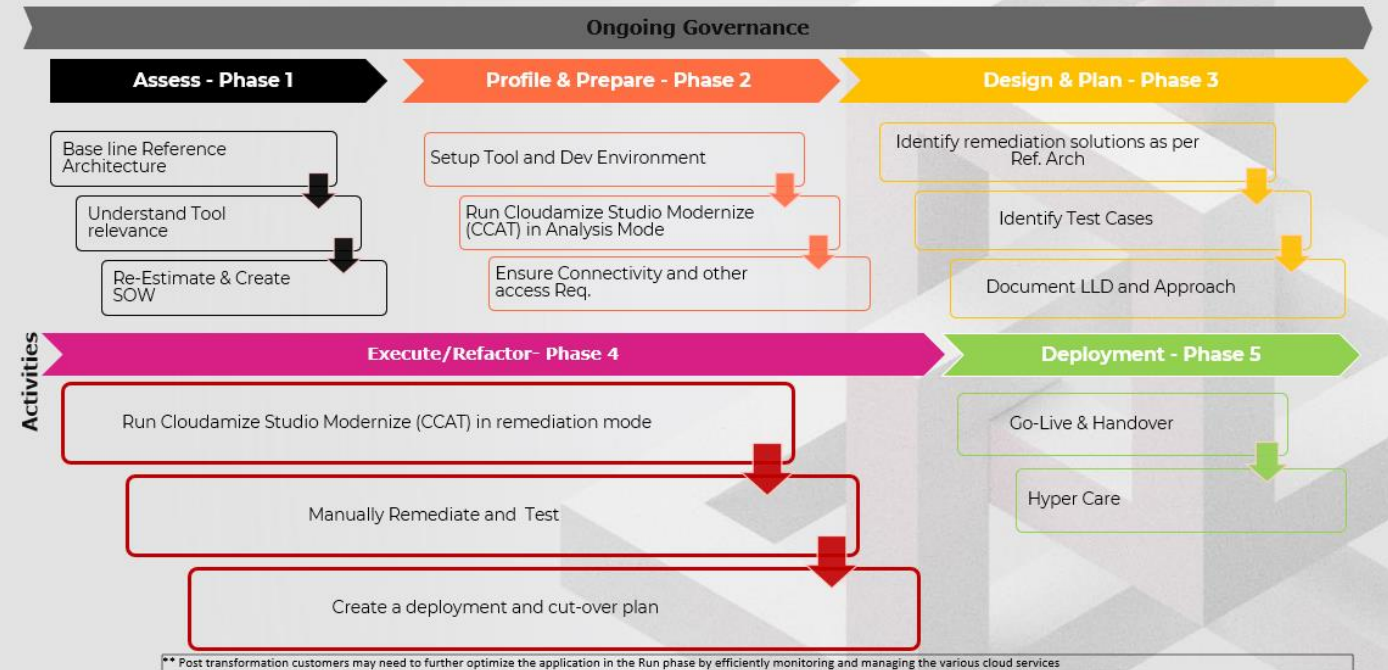
How it Works

CCRI can perform code analysis, code governance, and effort estimation of Java and .NET applications.

With 1000+ built-in rules based on various cloud reference architectures, CCRI supports multiple cloud profiles, such as containerization, re-platforming, cloud-native compliance, .NET Core, Spring Framework, modernizing for Azure, and more.

Execution Strategies and Solutions

AppTx Modernization Methodology for Refactor/Replatform



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Customer Outcomes

50 interfaces onboarded
Target reference architecture in Azure cloud
Integration with SAP, SharePoint, SMTP, SFTP & Internal systems

Application assessment, re-platform & modernization to reduce portfolio technical debt

60% reduction in code analysis effort
Simplified operations with DevOps and ITSM Integration

Customer Success

Company: Leading Airline Company

Solution:

- Eviden proposed a 6-week Proof of Concept (PoC) for assessing and re-platforming applications.
- The assessment included 15 applications, with 5 targeted for re-platforming to PAS/PKS.
- Eviden utilized proven processes and methods for the assessment.
- Recommendations were provided for approximately 80% of services, including effort/cost estimates and ROI for migrating to PAS/PKS.

Outcome:

- Re-platformed 5 applications
- Conducted smoke and regression testing
- Compared Pivotal Platform costs with on-premises costs, including migration expenses
- Conducted a Total Economic Impact (TEI) study to assess benefits like developer productivity and environment consolidation
- Made recommendations for platform improvements across various services (e.g., Oracle, MongoDB, Redis)
- Developed a decision framework for PAS/PKS migration strategy for each application

Company: Leading Logistic Company

Solution:

- Implemented on Azure using APIM, Azure App Service, Functions, and Event Bus.
- Utilized an event-driven approach for message processing.
- Integrated logging and monitoring with Azure Monitor & Azure App Insights.

Outcome:

- Eviden utilized Azure Cloud services, including APIs and Functions, for seamless integration.
- Leveraged Azure components like API Gateway, Logic Apps, Event Bus, and Functions.
- Integrated new interfaces with existing enterprise systems through Azure Cloud services.

Company: German Industrial Manufacturing Conglomerate

Solution:

- Proposed Decision Factory methodology for Cloud transformation journey
- Implemented fully Managed Public Cloud based on Hub/Spoke model
- Conducted Application Migration and Modernization to Azure using Eviden Cloud Factory model
- Utilized Cloud Code Refactor Insights for code analysis/auto remediation
- Implemented Cloud Native Monitoring and Alerting
- Integrated with ITSM for Service Management

Outcome:

- Assessed 450+ applications for Cloud Transformation
- Successful Transformation of initial set of Applications to Azure
- Leveraging PaaS and Cloud Native Capabilities for Resiliency, Security and Operational Excellence
- CI/CD Setup & Integration with Customer toolset