EMPOWERING COMPANIES TO TRANSFORM

Application Modernization Advisory
Market Trends for Application Modernization

<table>
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<tr>
<th>Impact of the Pandemic</th>
<th>73% of customer transformation projects will be reevaluated to deliver more ROI and efficiency</th>
<th>75% of CEOs believe that the pace of technology transformation will accelerate</th>
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<td>Source: IDC, 2020</td>
<td>Source: Fortune 500 CEOs Survey, 2020</td>
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<tr>
<td>Application Modernization</td>
<td>20% increase in productivity</td>
<td>200% + speed of delivery</td>
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Customer Challenges with Application Modernization

- Develop the proper knowledge and skills to modernize the technology.
- Improve business velocity to meet market demands.
- Build a roadmap that responds to the business objectives, considering the business skills and capacities.
- Create a clear ROI for every modernization or new application project, securing the transformation journey.
- Leverage technology to deliver immersive experiences, automating unnecessary manual tasks and improving productivity.

Diagram:
- Customer
- Transformation Roadmap
- Digital Talent And Expertise
- Business Agility
- Budget Allocation
- User Experience

Ideal Application Modernization strategy to achieve digital maturity.
Application Modernization Advisory

Current legacy inefficiencies in application portfolio are inhibiting business growth

Rehost the current application to enable it for Infrastructure as a Service (IaaS)

Replatform the current application to enable it for Platform as a Service (PaaS)

Advisory Team
Provide best strategy and a clear roadmap based on business needs

Refactor the existing application to restructure and enable it for the cloud.

Rebuild the application with a Cloud native approach.

Cost-effective Quick-wins

Digitally transformed market leader
**APPLICATION MODERNIZATION ADVISORY* | SERVICE DESIGN**

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<th>DISCOVERY</th>
<th>ASSESSMENT</th>
<th>ALIGNMENT</th>
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<tbody>
<tr>
<td>Application business and technical information gathering</td>
<td>Strategic analysis for analyzing the best modernization path for each application</td>
<td>Modernization solution definition and business case creation</td>
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**Service Deliverables:**
- Rationalization matrix definition
- Application modernization approach
  - Well-architected review

**Service Outcomes:**
- Application business and technical information gathering
- Rationalization analysis for classifying the applications in one of four quadrants (Tolerate, Optimize, Transform, Shut Off)
- Customized modernization approach for each application considering pros and cons

**Initial Application Modernization Advisory – Discovery & Assessment**

**Full Application Modernization Advisory – Discovery, Assessment & Alignment**

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**Service Deliverables:**
- Target cloud architecture
- Business case with ROI
  - Application modernization plan

**Service Outcomes:**
- Cloud architecture definition for each application based on reference architectures
- Modernization business value analysis per application through a business case
- Executive report showing the expected modernization strategy and benefits

*For standard Advisory package, scope includes 5 applications*
Value of Application Modernization Advisory

**Increase business agility, productivity and efficiency**

- Access to leading-edge code analysis tools for a fraction of their market cost
- Quick wins accelerate time-to-market and reduce cost through application optimization alternatives -- weeks vs. months
- Industrialize modernization plans by automating parts of the process and replicate it at scale, for higher efficiency and agility.
- Using local architects in the local language, to reduce misunderstandings improve overall process productivity and efficiency.

**Cost effective innovation**

- Offload application modernization to SoftwareONE's programmatic approach to focus internal resources on high-value new services for users
- Proper cost/benefit analysis combines static code analysis with business priorities
- Low-cost optimization alternatives to more expensive rebuild plans -- up to 80% modernization savings
- Per application business cases with clear TCO and ROI minimize expensive "findings" at development or deployment phases

**Reduce risk of legacy inefficiencies**

- In-depth code analysis (vs. manual assumptions or reviews) reduces risks of reusing low-quality legacy code
- DevSecOps best practices implementation and reviews minimize potential security issues
- Alignment with Azure’s well-architected frameworks reduces risks at later stages of the modernization process
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