

EMPOWERING COMPANIES TO TRANSFORM

# Application Modernization Advisory

# Market Trends for Application Modernization

## Impact of the Pandemic

**73%**

of customer transformation projects will be reevaluated to deliver more ROI and efficiency

Source: IDC, 2020

**75%**

of CEOs believe that the pace of technology transformation will accelerate

Source: Fortune 500 CEOs Survey, 2020<sup>2</sup>

## Application Modernization

**20%** increase in productivity

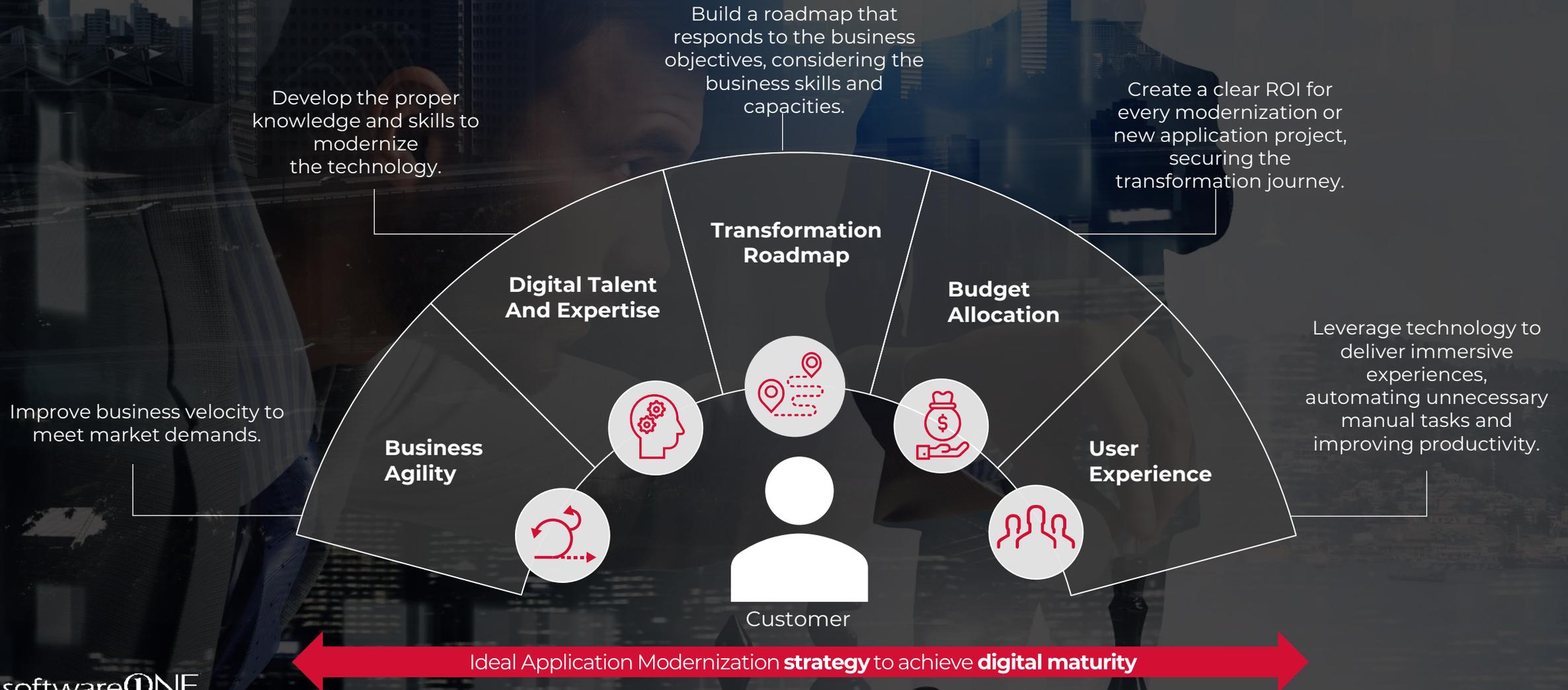
**200%** + speed of delivery

**33%** decrease of risk and resilience issues

## Business Impact

Source: McKinsey, 2020

# Customer Challenges with Application Modernization



# Application Modernization Advisory



Current legacy inefficiencies in application portfolio are inhibiting business growth



**Advisory Team**

Provide best strategy and a clear roadmap based on business needs



**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)



Cost-effective  
**Quick-wins**



**Refactor**

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

**Rebuild**

the application with a Cloud native approach.



**Digitally transformed**  
market leader

# APPLICATION MODERNIZATION ADVISORY\* | SERVICE DESIGN

## DISCOVERY

Application business and technical information gathering

### 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

## ASSESSMENT

Strategic analysis for analyzing the best modernization path for each application

## ALIGNMENT

Modernization solution definition and business case creation

### Service Deliverables:

- Target cloud architecture
  - Business case with ROI
- Application modernization plan

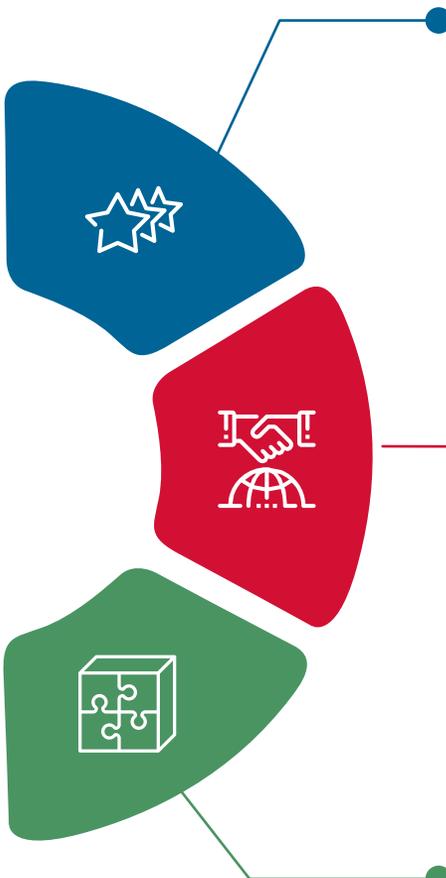
### Service Outcomes:

- 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

Initial Application Modernization Advisory – Discovery & Assessment

Full Application Modernization Advisory – Discovery, Assessment & Alignment

# 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

# Get in Touch



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