

APPLICATION
PORTFOLIO
MODERNIZATION: 7-
DAY ASSESSMENT

THE FUTURE STARTS NOW

13K+

Associates

41

Offices
Europe, USA & APAC

12+

Countries
With SoftServe clients

78

NPS score
(Global)

10,500+

Engineers

1700+

Certified
Cloud Engineers

ISO

27001 : 2013
Standard

30%

CAGR

GLOBAL NETWORK

13,000+ experts in
41 offices globally



OUR PEOPLE
MAKE THE
DIFFERENCE

softserve **SO**OSERVE

FEATURED CUSTOMERS



SOFTSERVE MICROSOFT OVERVIEW

MICROSOFT GOLD PARTNER

Partner since 2004

MICROSOFT PRACTICE

- 2 Microsoft MVPs
- 500+ Satisfied Customers
- 1,000+ Delivered Projects
- 1,200+ Microsoft Certified Professionals
- 150+ Azure Certified Professionals

PROGRAM PARTICIPATION

- ECIF Eligible
- AMMP Eligible
- AAAP Eligible
- Solution Assessment Partner (UAE only)
- 14 Co-sell Marketplace Offerings



3X SOLUTION AREAS

- Data & AI
- Digital & App Innovation
- Infrastructure

2X ADVANCED SPECIALISATION

- Kubernetes on Azure
- Analytics on Azure

SOFTSERVE CTO ORG CENTERS OF EXCELLENCE



RESEARCH & DEVELOPMENT

- R&D Innovation
- Feasibility Study
- R&D as a Service
- Deep Tech Research
- Advanced AI



EXPERIENCE DESIGN

- Design Thinking
- Design Research
- Design Strategy
- Product Design
- Service Design
- Design Ops



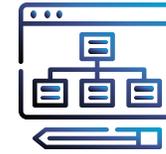
SOLUTIONS

- Digital Strategy
- Business Analysis
- Product Management
- Architecture
- Performance Testing



INTELLIGENT ENTERPRISE

- Big Data
- Data Science, AI/ML, MLOps
- IoT
- Robotics
- Extended Reality (AR / VR / MR)
- GDPR
- Blockchain
- Technical Due Diligence



PLATFORMS

- Salesforce
- Sitecore
- MS Dynamics
- AEM
- EPiServer
- MuleSoft
- Magento
- Dell Boomi
- Shopify
- Drupal



CRITICAL SERVICES

- Cloud & DevOps
- Security & Governance
- Operations Support
- Application Support



INNOVATION

- Innovation Strategy
- Innovation Platform

CLOUD EXPERTISE HIGHLIGHTS

900+

Cloud-Based Solutions Engagements

3000+

Cloud Experienced Professionals

1000+

Engineers with cloud-related certification

100+

Hyper Converged Projects

150+

Data Cloud Experts

10 YEARS
PROVEN DELIVERY OF CLOUD-BASED SOLUTIONS

300+ BUSINESS ANALYSTS

- Consultants
- Business Analysts
- Usability Experts
- Project Management
- Project Managers

3000+ TECHNOLOGISTS

- Cloud Enterprise Architects
- Data Architects
- QA Engineers
- DevOps
- Technical Support

150+ STRATEGISTS AND DESIGNERS

- Digital Strategists
- Subject Matter Expertise
- Program Managers
- Experience Design and Usability
- Visual Designers



Premier Consulting Partner

Migration Competency

Data & Analytics Competency

DevOps Competency

SaaS Competency

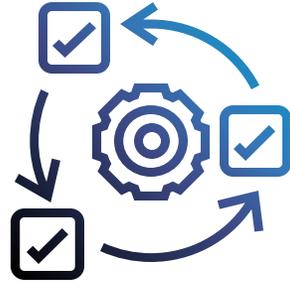
Financial Services Competency



WHY MIGRATING TO CLOUD?



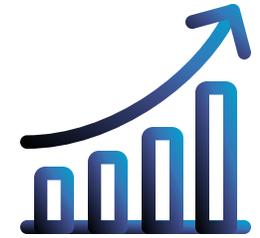
**REDUCE
IT COSTS**



**INCREASE
BUSINESS
AGILITY**



**ENABLE DIGITAL
TRANSFORMATION**



**ACCELERATE
GROWTH**

MIGRATION JOURNEY



ASSESS



MIGRATE



OPTIMIZE

ASSESSMENT PROCESS



PLANNING

Prepare for an assessment and identify business goals and objectives



DISCOVERY

Get a clear picture of the current state of the solution



ANALYZING

Analyzing the mix of business goals, input requirements, current, and future state



ACTION

Create a migration plan, and final assessment report and present them

MIGRATION PATTERNS

REHOST

LIFT & SHIFT

Migration of the workloads in the actual state with minimal changes.

REFACTOR

OPTIMIZATION

Actions on configurations level to optimize consumption, simplify infrastructure complexity, etc. For example, use cloud-managed DBs and firewalls instead of self-managed components.

REARCHITECT

MODERNIZATION

Deep change in application architecture to apply cloud-native concepts.

REBUILD

Build new applications using cloud-native technologies, and take advantage of advancements in AI, serverless, and IoT.

ABOUT THE ASSESSMENT

APPLICATION PORTFOLIO MODERNIZATION:

AUTOMATED 7-DAY ASSESSMENT is designed to quickly assess the application portfolio of up to 20 apps to migrate to Azure Cloud utilizing containers, VMs, and PaaS, with analysis of cost and effort to migrate.

Our experts will work together with you to:

- Define proper migration priority based on the technical and business impact
- Analyse your source code
- Provide you with a high-level migration strategy and high-level implementation roadmap that you can follow to make your solution cloud-native and modern

AT THE END OF THE ENGAGEMENT, THE CUSTOMER CAN EXPECT THE FOLLOWING BENEFITS:

- Current technical state and inventory report (per application)
- High-level Migration strategy document for the application portfolio with actionable recommendations
- High-level implementation roadmap for application modernization
- Understanding migration efforts, costs, and TCO after migration

Assessment approach

Prerequisites

Day 0

- Interview to define target applications, cloud ambitions, and potential business impact.
- Provisioned access to the codebase

Discovery

Day 1

- Automated source-code assessment using the CAST Highlight or UnifyCloud CloudPilot

Evaluation

Day 2-5

- Manual assessment of the issues found by automated source-code analysis

Delivery

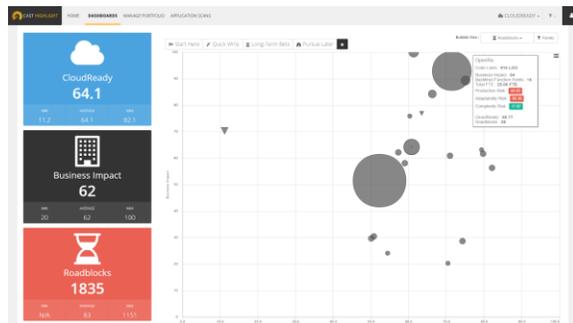
Day 6-7

- Document the current technical state of the application portfolio, inventory report, and technical debt issues.
- Prepare TCO estimations.
- Prepare a high-level cloud migration strategy and estimate efforts.

CAST HIGHLIGHT

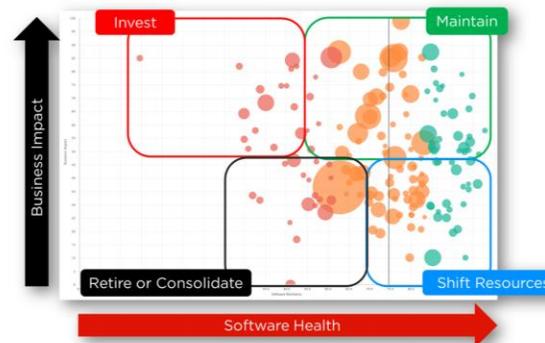
CLOUD READINESS

CAST Highlight helps you quickly and objectively assess your application portfolio for PaaS and IaaS migration. It is capable of prioritizing cloud candidates based on the technical and business impact. It automatically builds your migration strategy by identifying where to start, quick wins, and applications that will take longer to migrate.



ASSESS AND TRACK APPLICATION PORTFOLIO HEALTH

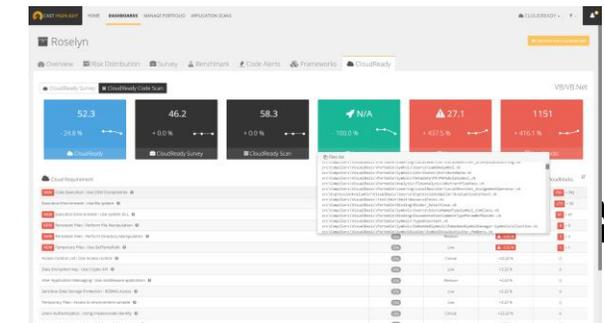
CAST Highlight is a SaaS software intelligence product for performing rapid application portfolio analysis. It automatically analyses the source code of tens and even hundreds of applications in a week for Cloud Readiness, Software Composition Analysis (Open Source risks), Resiliency, and Agility. Objective software insights from automated source code analysis combined with built-in qualitative surveys for business context enable more informed decision-making about application portfolios.



BOOSTERS AND ROADBLOCKS

As Highlight spots impediments to moving to the Cloud, it also detects applications that already use and/or are the best candidates for PaaS services. CloudReady supports 60+ booster patterns detecting PaaS services such as Redis, ElastiCache, MongoDB, cloud-based active directories, key vault, etc.

Highlight scans 140+ different code patterns that make an application harder to migrate and run smoothly in the Cloud. Track issues like the use of COM components, usage of system DLLs or impersonate identity – and monitor improvements over time.



CAST HIGHLIGHT

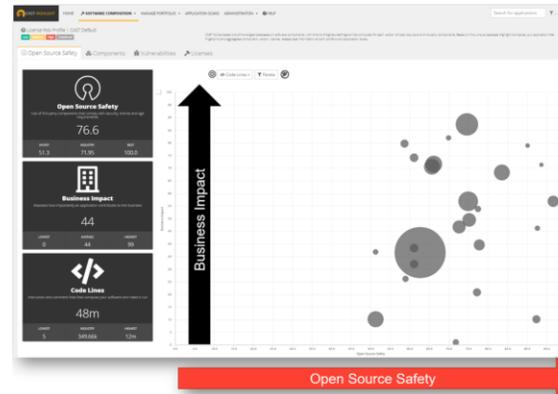
BUSINESS DRIVERS, TECHNICAL ENABLERS

Part of the CloudReady score is built from a Cloud-focused series of questions, addressing different aspects of your applications and their respective business and organizational characteristics. Whether your application is a web app or a back-end, your development team is DevOps or Waterfall, your Cloud migration could be drastically different. Learn where to improve.

Business Impact	
Software Maintenance Estimate	
CloudReady	
(Business Drivers) How do you extract your application data value ?	By information Management
(Business Drivers) What is your criterion for application performance?	Number of users by frequency
(Technical Enablers) How does your application interact ?	API exposed
(Technical Enablers) How have you implemented application security ??	Enterprise AD
(Business Drivers) What is the expected level of SLA?	SLA with maintenance timeframe
(Process Maturity) What is the average skill on Cloud technologies and practices within your development team?	Advanced skills & experience
(Technical Enablers) What is the application data model?	Proprietary but deployable in the Cloud (aaS)
(Technical Enablers) What are the application dependencies?	Internal services exposed through an API
(Technical Enablers) Is this application multi-tenant?	No (single-tenant)
(Process Maturity) What is the level of deployment process automation for provisioning & configuration?	Semi-automated
(Technical Enablers) What is the application usage ?	Mobile Phone or Tablet
(Process Maturity) What is your evolution model and feedback loop implementation ?	Continuous Delivery

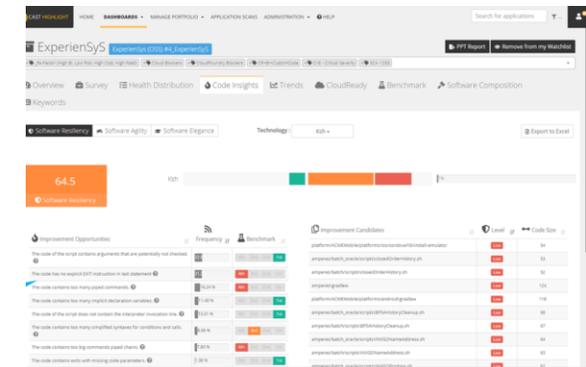
3rd PARTIES SAFETY

CAST Highlight includes one of the largest SCA knowledgebases in the industry for managing open-source risk. The addition of Software Intelligence metrics such as health and cloud readiness add even more value to increase the ROI on your SCA investment at a fraction of the cost of other SCA solutions.



SECURITY

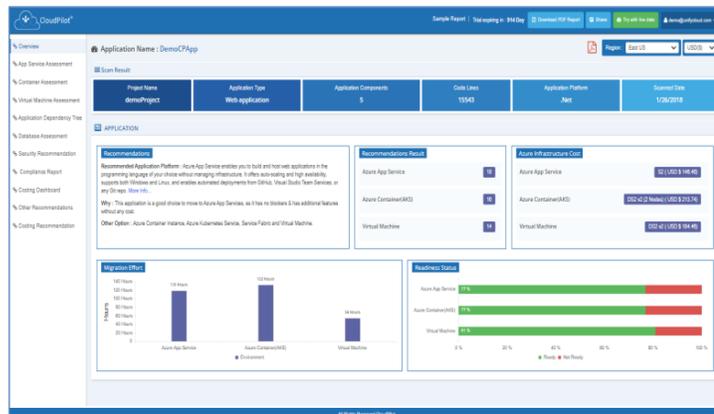
CAST Highlight is a SaaS product, however, it does not transmit your code to the cloud. It uploads an encrypted analysis results file generated by the agent to the portal. CAST Highlight is compliant with the highest regulations, standards, and best security practices (ISO 27001).



UnifyCloud CloudPilot

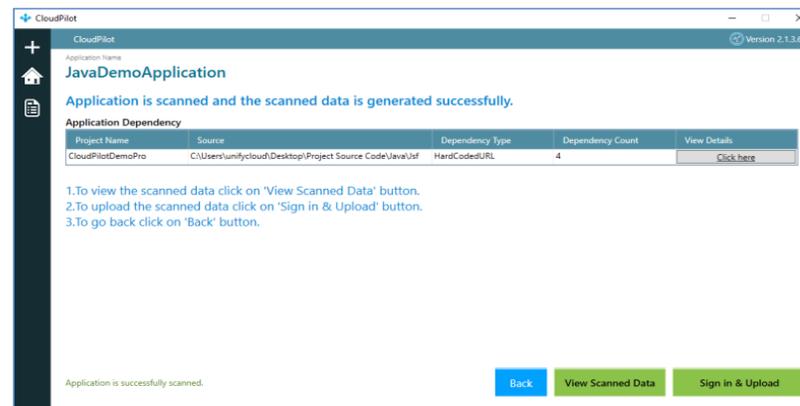
CLOUD READINESS

Based on static code analysis, configuration data, and development team interaction, CloudPilot provides a deep and detailed analysis of applications and their readiness to migrate to a cloud environment. CloudPilot assists in the initial assessment of the cloud migration effort; in the re-factoring process by offering detailed code-level changes for the Cloud; and in final testing against enterprise control frameworks.



ASSESS AND TRACK APPLICATION PORTFOLIO HEALTH

CloudPilot scans the application source code and uses configuration data to provide a detailed report of code-level changes to modernize your applications for the cloud. For applications that have already been remitted and are considered cloud-ready, CloudPilot scans the cloud-enabled applications to ensure that they follow best practices and meet enterprise IT Controls and Cybersecurity policies.



KEY BENEFITS AND CAPABILITIES

Automation simplifies and accelerates analytics to mere minutes so you can focus on strategy and planning. Static code analysis provides code block and line of code detail, replacement code, and level of effort. Ensures use of best coding practices, only pay for services used and minimize server downtime. Up-to-date security recommendations plus key certifications and polices maintain compliance. Covering over 70% of the most popular coding languages including .Net, Python, PHP and Java. Migrate a variety of database types such as SQL Server, Oracle, Linux, MySQL, Sybase, PostgreSQL and SAP.

FOR
THE
FUTURE