

**APPLICATION
PORTFOLIO
MODERNIZATION
3-WEEK
ASSESSMENT**

THE FUTURE STARTS NOW

12K+

Associates

over

8,500+

Engineers

38

Offices

Europe, USA & APAC

over

1700+

Certified

Cloud Engineers

15+

Countries

With SoftServe clients

ISO

27001 : 2013

Standard

72

**NPS score
(Global)**

30%

CAGR

GLOBAL NETWORK

13,000+
experts in 40 offices
globally



**OUR PEOPLE
MAKE THE DIFFERENCE**

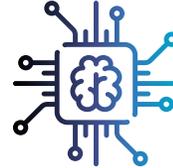
KEY TECHNOLOGY & PRACTICE AREAS



EXPERIENCE DESIGN



INTERNET OF THINGS



BIG DATA, AI & ML



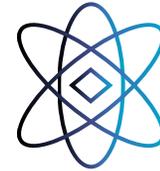
**SOFTWARE ENGINEERING
& ARCHITECTURE**



CYBERSECURITY



CLOUD/DEVOPS



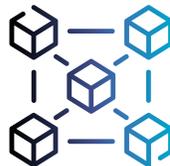
**DIGITAL EXPERIENCE
PLATFORMS**



**QUALITY CONTROL
& AUTOMATION**



**IMMERSIVE
EXPERIENCES**



BLOCKCHAIN



ROBOTICS



**PROJECT & PRODUCT
MANAGEMENT**

FEATURED CUSTOMERS



CLOUD EXPERTISE HIGHLIGHTS

900+

Cloud-Based Solutions Engagements

3,000+

Cloud Experienced Professionals

1,000+

Engineers with cloud-related certification

100+

Hyper Converged Projects

150+

Data Cloud Experts

300+ BUSINESS ANALYSTS

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

3,000+ TECHNOLOGISTS

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

150+ STRATEGY AND DESIGN

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

Microsoft
Partner


Gold DevOps
Gold Data Analytics
Gold Application Development
Gold Cloud Platform
Gold Datacenter

10 YEARS

PROVEN DELIVERY OF CLOUD-BASED SOLUTIONS

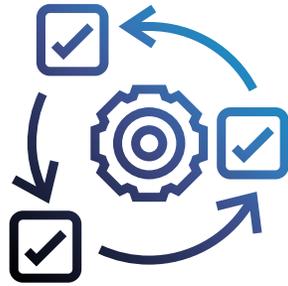


softserve  **CRITICAL SERVICES**

WHY MIGRATING TO CLOUD?



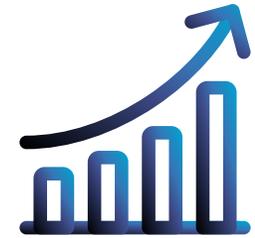
**REDUCE
IT COSTS**



**INCREASE
BUSINESS AGILITY**



**ENABLE DIGITAL
TRANSFORMATION**



**ACCELERATE
GROWTH**

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.

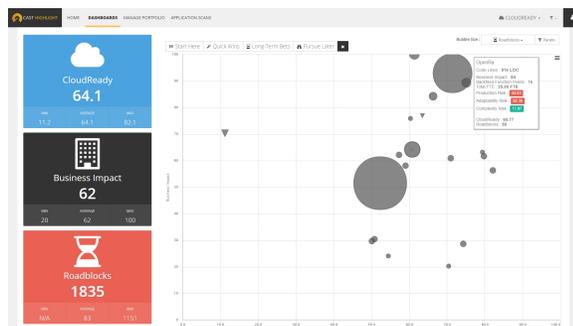
REBUILD

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

CAST HIGHLIGHT

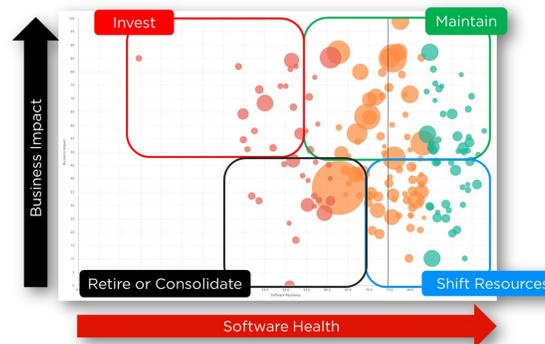
CLOUD READINESS

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

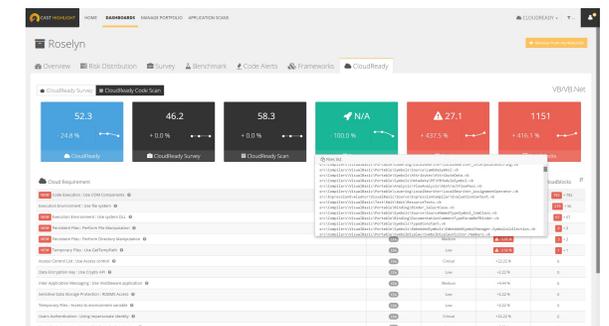
CAST Highlight is a SaaS software intelligence product for performing rapid application portfolio analysis. It automatically analyzes the source code of tens and even hundreds of applications in a week for Cloud Readiness, Software Composition Analysis (Open Source risks), Resiliency, and Agility. Objective 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 which 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 directory, 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

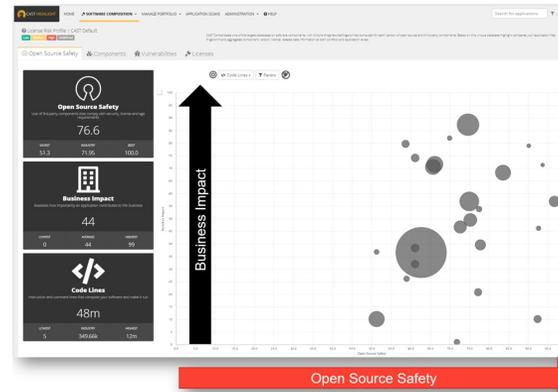
BUSINESS DRIVERS, TECHNICAL ENABLERS

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).

ABOUT THE ASSESSMENT

APPLICATION PORTFOLIO MODERNIZATION

ASSESSMENT is designed to quickly assess the application portfolio of up to 10 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 and existing infrastructure
- provide you with a migration strategy and high-level implementation roadmap that you can follow to make your solution cloud-native and modern

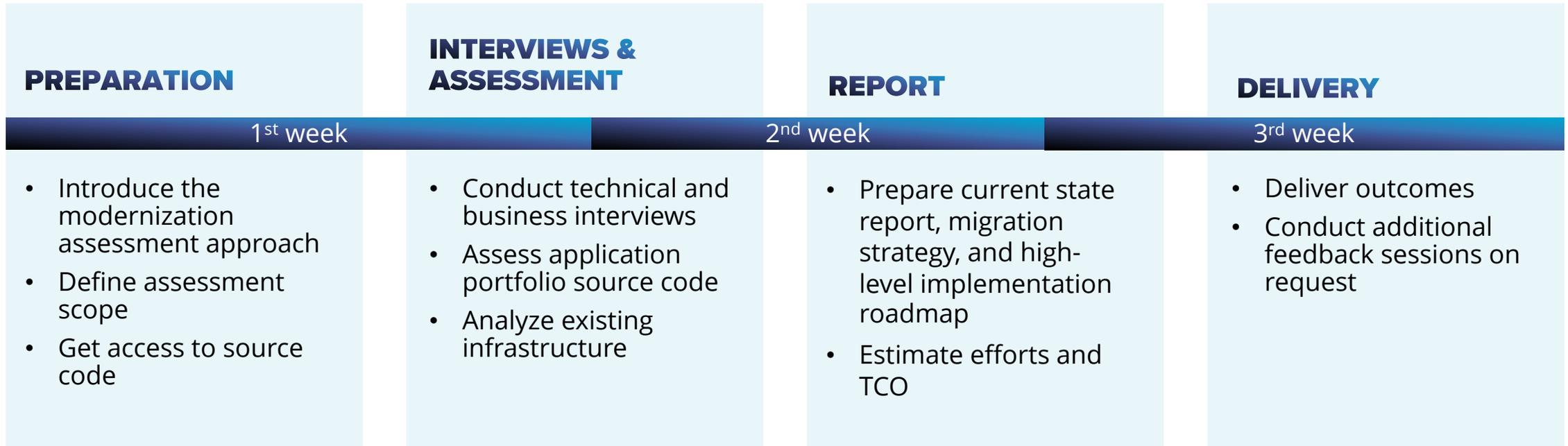
AT THE END OF THE ENGAGEMENT, THE CUSTOMER CAN EXPECT THE FOLLOWING BENEFITS:

- Migration strategy document for the whole application portfolio with actionable recommendations and defined further steps
- High-level implementation roadmap for application modernization
- Understanding migration efforts, costs, and TCO after migration

AGENDA

- An introduction to the modernization assessment approach, R's migration approach
- Select applications portfolio for assessment
- Assess business drivers, technical enablers and process maturity
- Assess the current state of applications using automated tools
- Analyze existing infrastructure
- Define the migration strategy
- Define high-level implementation roadmap
- Host workshop to present final design and findings

ASSESSMENT APPROACH



DELIVERABLES

- Current technical state and inventory report
- Cloud migration strategy
- High-level implementation roadmap
- Modernization efforts breakdown, costs estimate
- TCO after migration estimate

FOR THE FUTURE