# Accelerate Microsoft Azure Migration

Assess Application Readiness to Drive Intelligent Cloud Consumption

Developed with some of the smartest Microsoft Azure cloud experts across the globe, Highlight helps you quickly and objectively assess your application portfolio for PaaS migration.

- Quickly identify where to start
- Speed up the time to move to PaaS
- Increase Intelligent Cloud Consumption
- Gain insights to become a more strategic partner with your customers
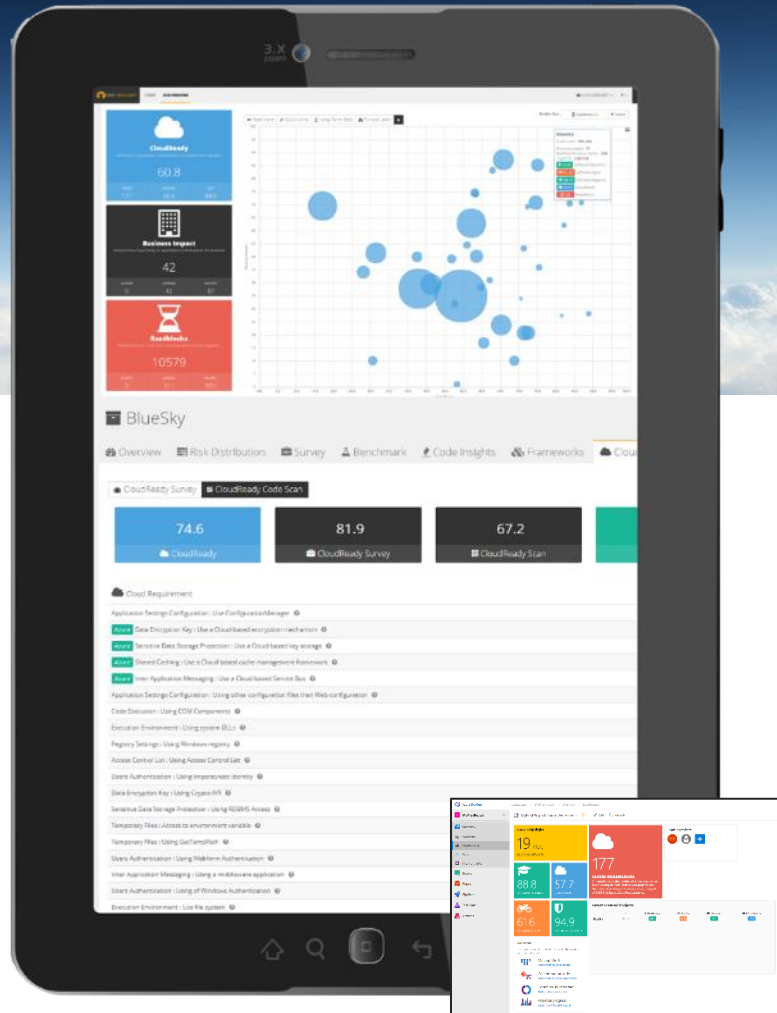
Available in ▪▪ **Azure DevOps**

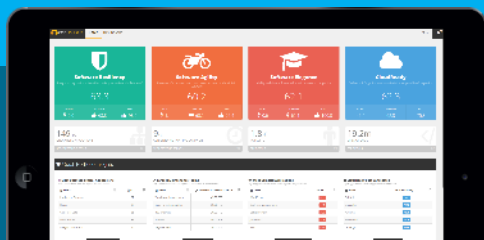**Prioritize Cloud candidates** based on technical & business impacts

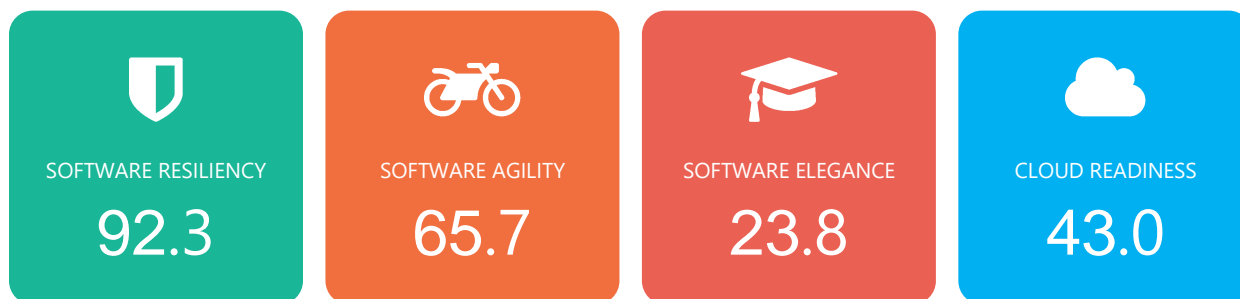**Spot & fix the** roadblocks that slow down your migration

Identify PaaS boosters to leverage your application value

Track progress & monitor your Azure journey over time

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SOFTWARE RESILIENCY	SOFTWARE AGILITY	SOFTWARE ELEGANCE	CLOUD READINESS
92.3	65.7	23.8	43.0

Highlight uses predictive patterns analysis built over time by scanning thousands of applications and billions of lines of code. By looking at the frequency of issues and potential impacts found in source code, managers can review how the factory is operating without drowning in detail.

In Highlight, software health of a project is monitored and tracked through four main indicators that consolidate hundreds of code patterns:

- **Software Resiliency:** Indicates programming best practices that make software bullet-proof, more robust and secure.
- **Software Agility:** Software Agility indicates the easiness of a development team to understand and maintain an application.
- **Software Elegance:** Software Elegance measures the ability to deliver software value with less code complexity.
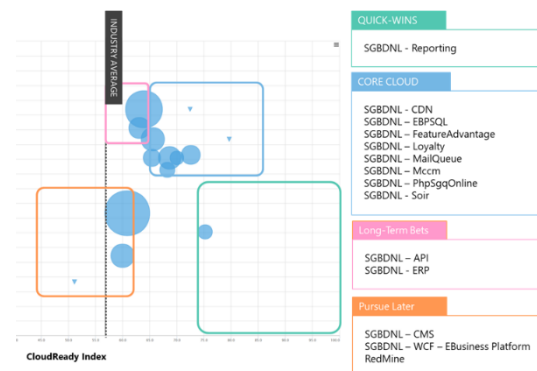- **Cloud Readiness:** In Highlight, cloud readiness of an application is measured by the CloudReady index.
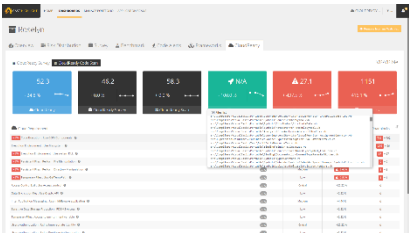
Customer Example

Challenge: Retail client wanted a comprehensive cloud migration strategy defining their cloud platform partner, MSP partner, and a roadmap for migrating 100 applications to intelligent cloud.

Solution: Client initiated an RFP to select partners and Microsoft invested in a CAST Highlight subscription to baseline, segment, and prioritize their application portfolio while showcasing Azure PaaS competitive advantages.

Results:
- Microsoft solidified a stronger relationship with customer CIO and won the business for Azure beating out other cloud platforms.
- 15 applications were rapidly onboarded and client has a roadmap to replicate across hundreds of apps utilizing innovative PaaS services such as DbaaS, App Services, FaaS and IOT workloads.

CAST HIGHLIGHT

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Spot software blockers that slow down your Cloud migration journey

Highlight scans 170+ 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. Currently supported technologies are Java, C#, VB.Net, and T/SQL. Python, PHP, and JavaScript coming soon.
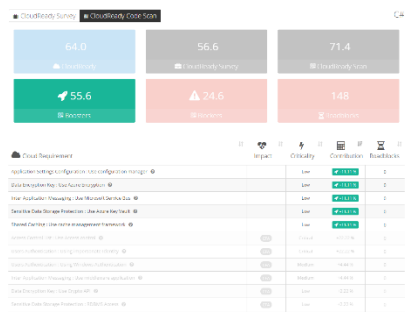
Identify boosters to PaaS

As Highlight spots impediments to move to the cloud, it also detects applications which already use and/or are the best candidates for PaaS services. Quickly identify and visualize across an entire portfolio the applications implementing Azure-specific PaaS services such as KeyVault, WebJobs and CloudTable.

Assess business drivers, technical enablers and process maturity contributing to your Cloud Readiness

Part of your 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 webapp or a back-end, your development team is DevOps or Waterfall, your Cloud migration could be drastically different. Learn where to improve.
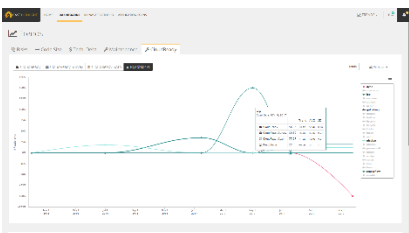
Track your Cloud migration over time

A full cloud migration can take years. Highlight tracks each application's readiness for PaaS, both now and in the future. See which applications are becoming more cloud-ready while targeting the applications that are going in the wrong direction. CAST Highlight lets you also figure out whether the trend is explained by code changes (new roadblocks introduced or new boosters implemented) or by application context changes (higher team maturity on cloud technologies, DevOps, continuous delivery, etc.).

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Available in Microsoft Azure DevOps

The aim of CAST Highlight's extensions is to allow organizations using Azure DevOps to easily and continuously integrate and consume code-level and fact-based analytics in their software factory, while providing a consolidated view on project portfolio health to IT executives and business stake holders.
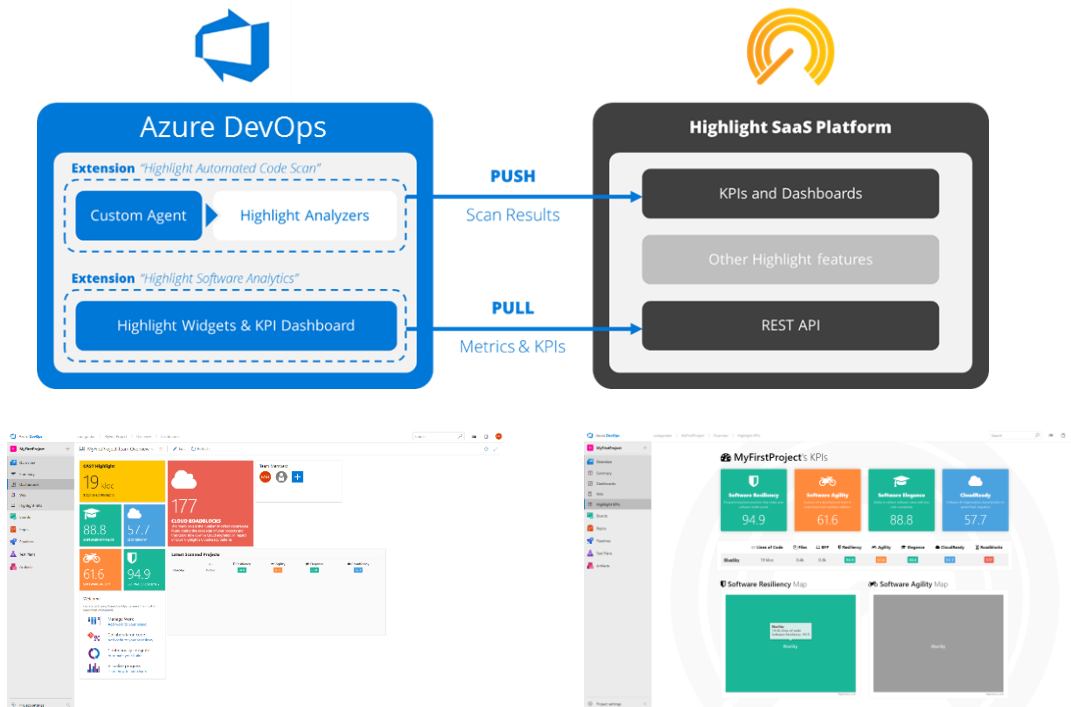
- **Highlight Automated Code Scan**: The first extension configures and automates the code scan of a project and publish the results on Highlight dashboards, through a Azure DevOps custom agent.

- **Highlight Software Analytics**: The second consolidates and displays metrics of your scanned projects as tiles and out-of-the-box dashboard in Azure DevOps, through the Highlight API.

TRY IT NOW

<u>Click here</u> to get your Highlight credentials and augment your Azure DevOps dashboards with code-level and fact-based software analytics.