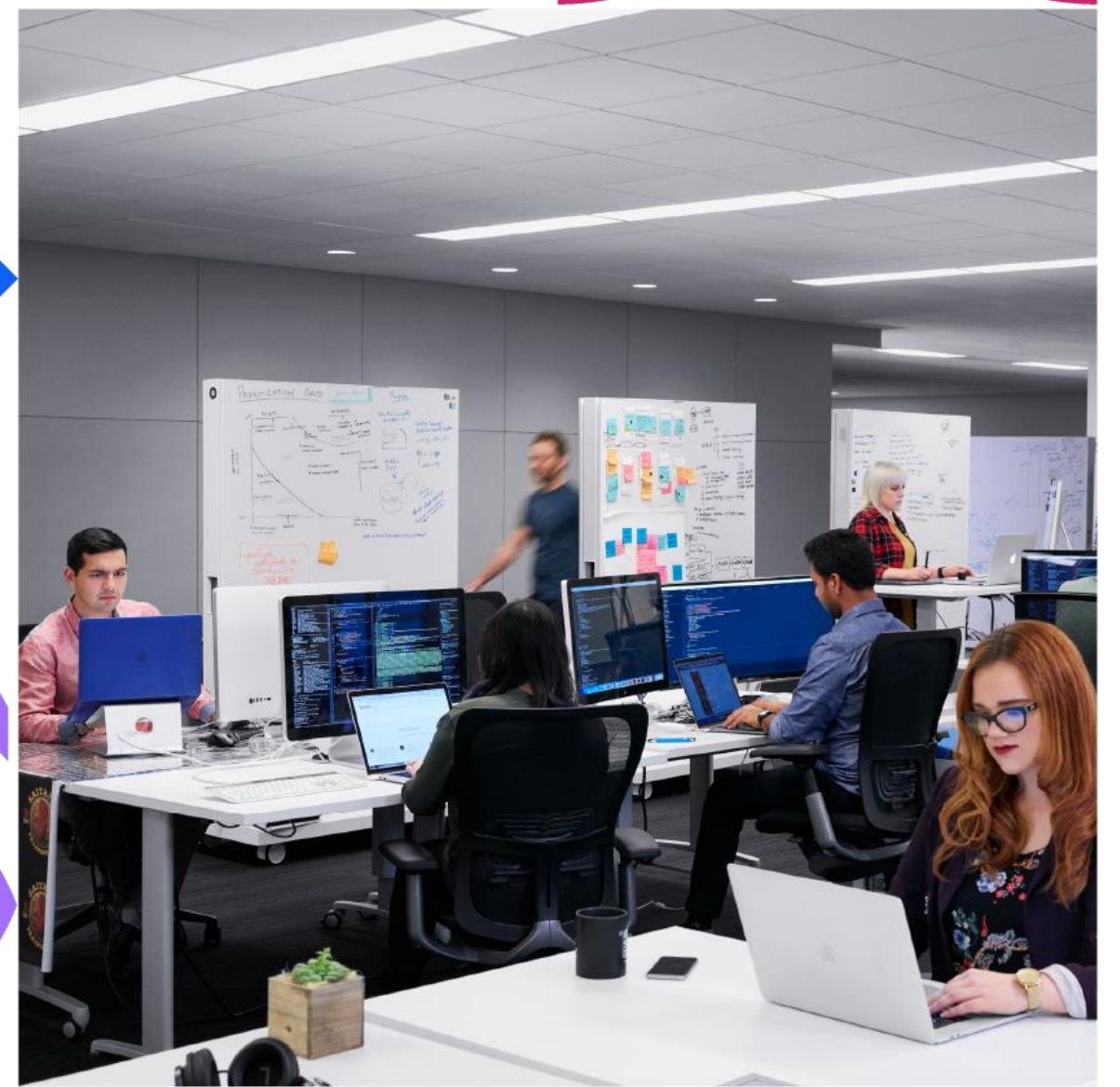
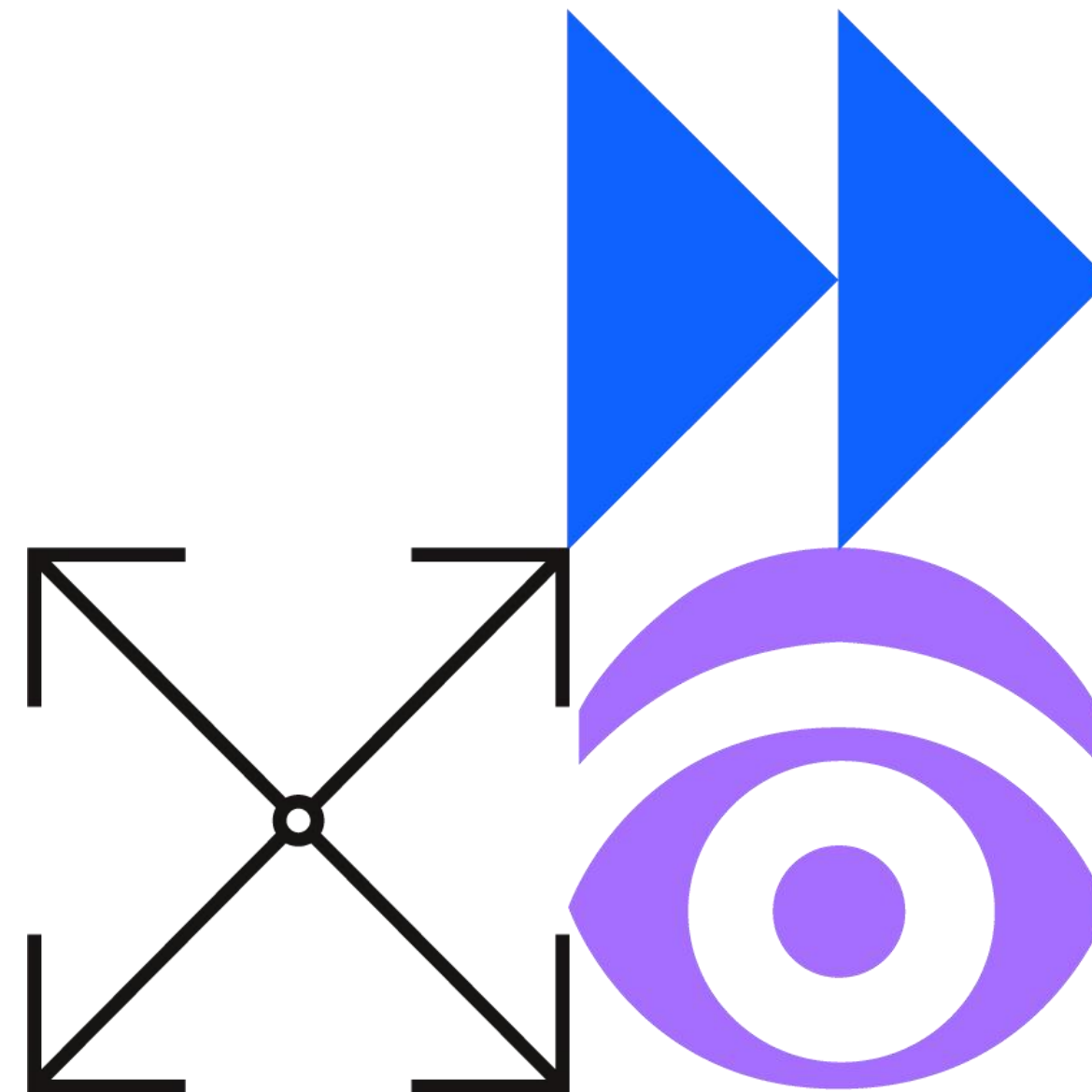
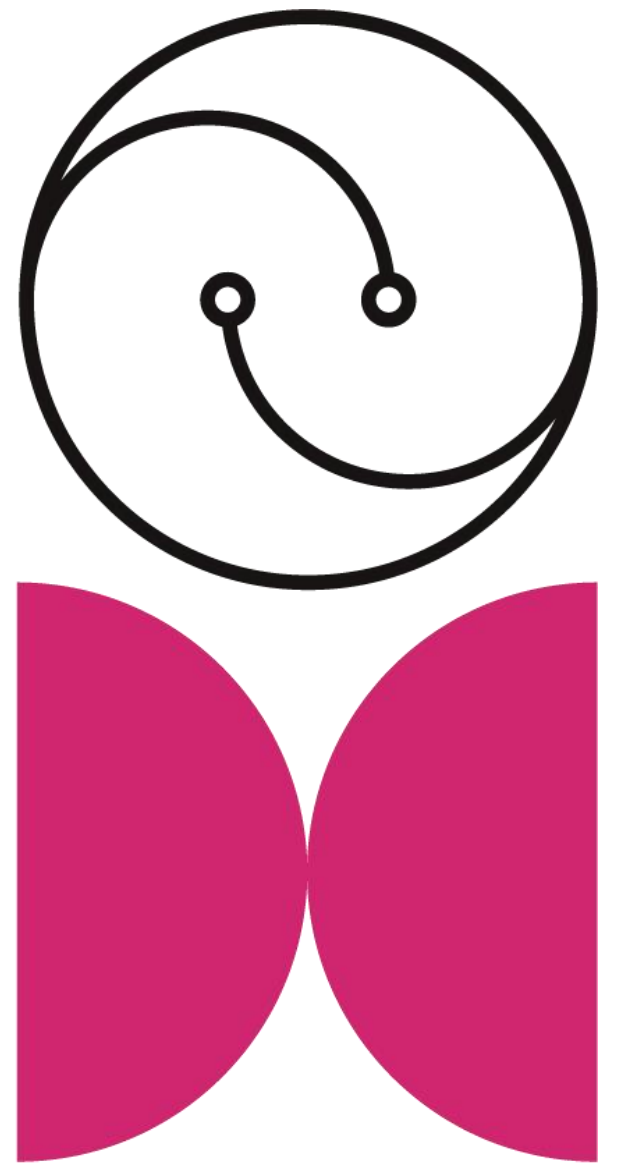


ADDI zDevOps workshop

Shorten the on-ramp to any modernization initiative on IBM Z

David Hawreluk
IBM, DevOps/ADDI - Brand Technical Specialist

2023



Businesses want to

Innovate faster with confidence

Rapidly respond to disruption, regulations and business requirements

Attract and onboard new developers faster

Delegate projects to SIs and internal teams with a clear bill of materials



What challenges are you facing?

Why does it take so long to implement new requirements?

What do I need to know to modernize?

What do I need to know to get our transformation started?

What APIs are needed to drive faster time to market for new applications?

How often do changes get reversed because other programs are broken when deployed?

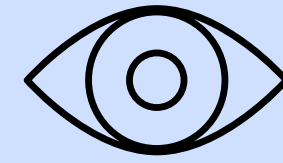
How much time do my developers spend in isolating and fixing problems?





IBM Application Discovery and Delivery Intelligence (ADDI) is your go-to discovery tool for a head start!

[Link to product page](#)



Visualize and auto-document your assets

Turn source libraries into accurate call graphs **in a click.**

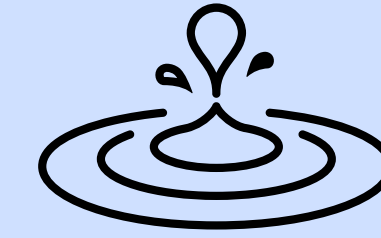
Isolate and troubleshoot in hours, not weeks



Discover application dependencies

Know exactly where your data is sourced from (data lineage)

Visualize and analyze relationships to make changes safely and efficiently – **no more rollbacks!**



Modernize and transform with confidence

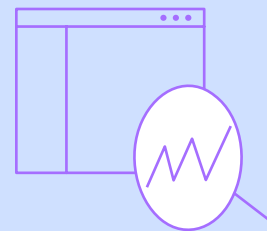
Identify API candidates

**Seamlessly integrate
CI/CD** support to
accelerate development



IBM Application Discovery and Delivery Intelligence (ADDI)

Example use cases



Gain Application Insights

Analyze enterprise-wide z/OS and Java Apps to understand dependencies and complexities, discover Crypto Calls, and perform impact analysis

Increase your developer productivity by 30% and dramatically reduce time to market.



Identify API candidates

Accelerate hybrid cloud application development and respond to market changes

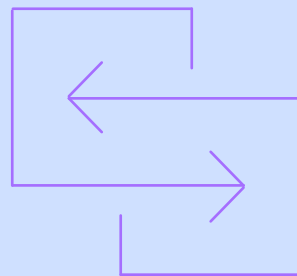
Unlock and maximize the power of Z to your enterprise



Accelerate data modernization

Seamlessly auto discovery of your non-relational data for cloud integration

Accelerate data modernization and unleash your z/OS data



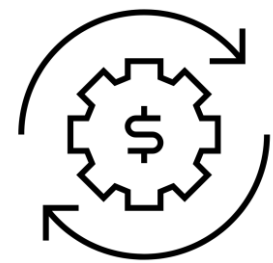
Expedite GIT Migration

Move faster to Git - Foundational to Cloud Native Development

Exploit Git-workflow in your CI/CD pipeline

Total Economic Impact™ (TEI) of IBM ADDI

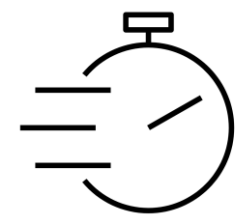
By adopting ADDI, organizations were essentially reducing risk. The level of visibility into application and data provided by ADDI meant decision-makers and executives were more confident in taking initiatives.



Investment payback

ROI of 163% in 3 years

Payback period of under one year

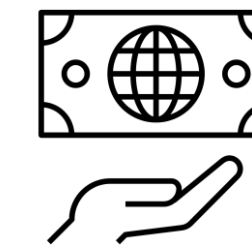


Productivity increase

Accelerated transformation by 10-20%

Increased developer productivity by 20%

Faster integration of new hires and nonmainframe developers



Cost saving

Retiring up to 10% of infrastructure cost through tools consolidation

[Link: Forrester Total Economic Impact™ of ADDI](#)

How can application discovery help a big insurer bring DevOps to the mainframe?

[Read the full story](#)

Sun Life Financial, an international financial services organization, sought to compete in a rapidly digitizing market. With a growing population of experienced people set to retire, the company had to find ways to ensure that it could understand and revise its legacy systems in an agile way. To simplify the changes to time-tested code needed to create new digital services, Sun Life chose the ADDI solution.

The solution enabled Sun Life to reduce code search time by up to 50%, enabling faster time to market. By increasing developer efficiency, time to market for new service delivery was decreased.

IBM TechXchange / © 2023 IBM Corporation

“Time to market is critical to going up against digital competitors and to meeting client expectations. What we’ve done shows that with DevOps tools like ADDI, the mainframe can be just as quick as distributed environments in the long run.”

Gary Lesage
Product Owner, Sun Life Financial



ADDI is the essential tool for your application modernization journey

Reduce risk & improve time to market

Accelerate your digital transformation

Fully embrace the hybrid cloud

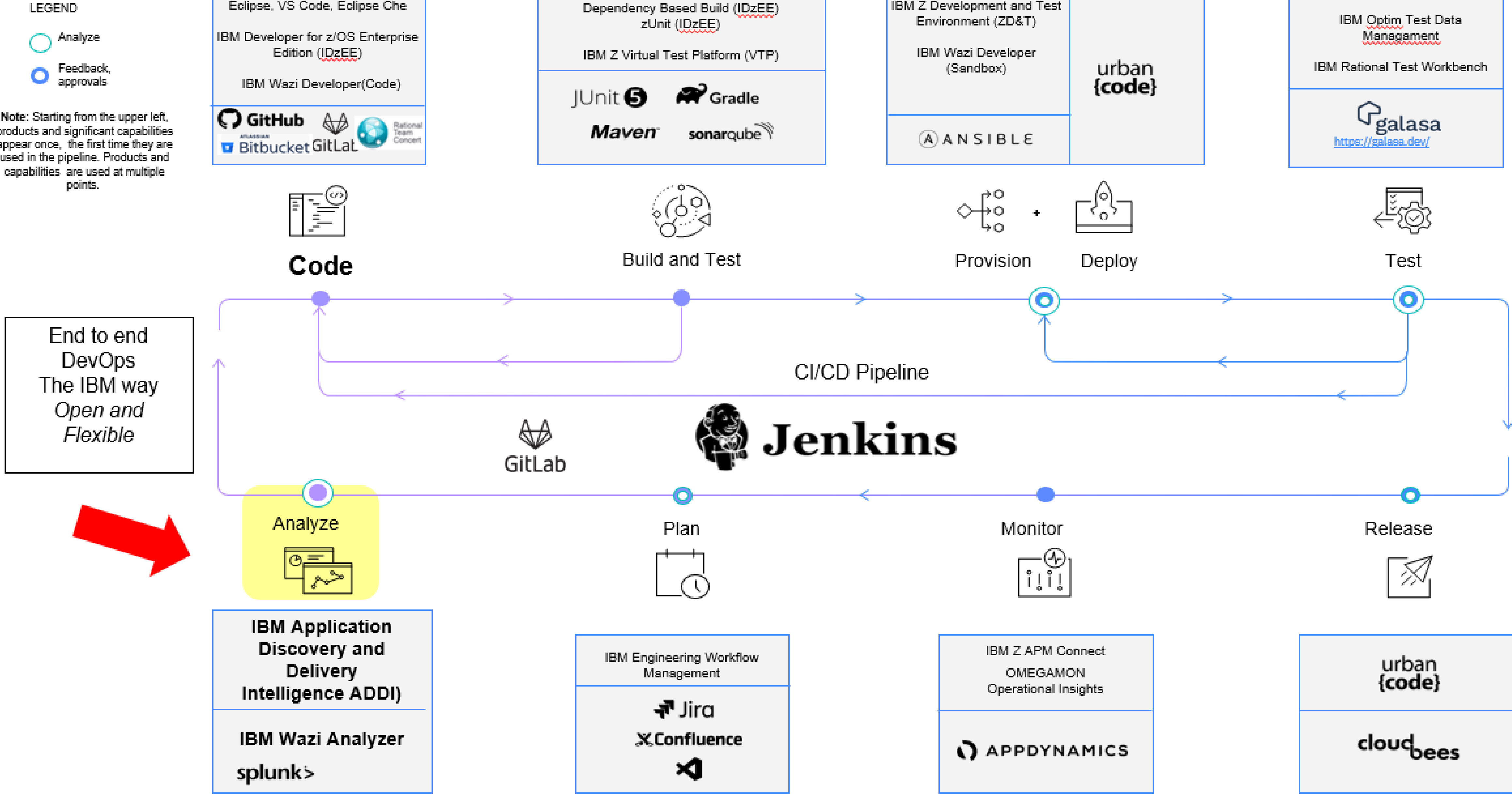
Attract and ramp up young developers and retain talent and SMEs

Empower system integrators (SI's) and internal project teams

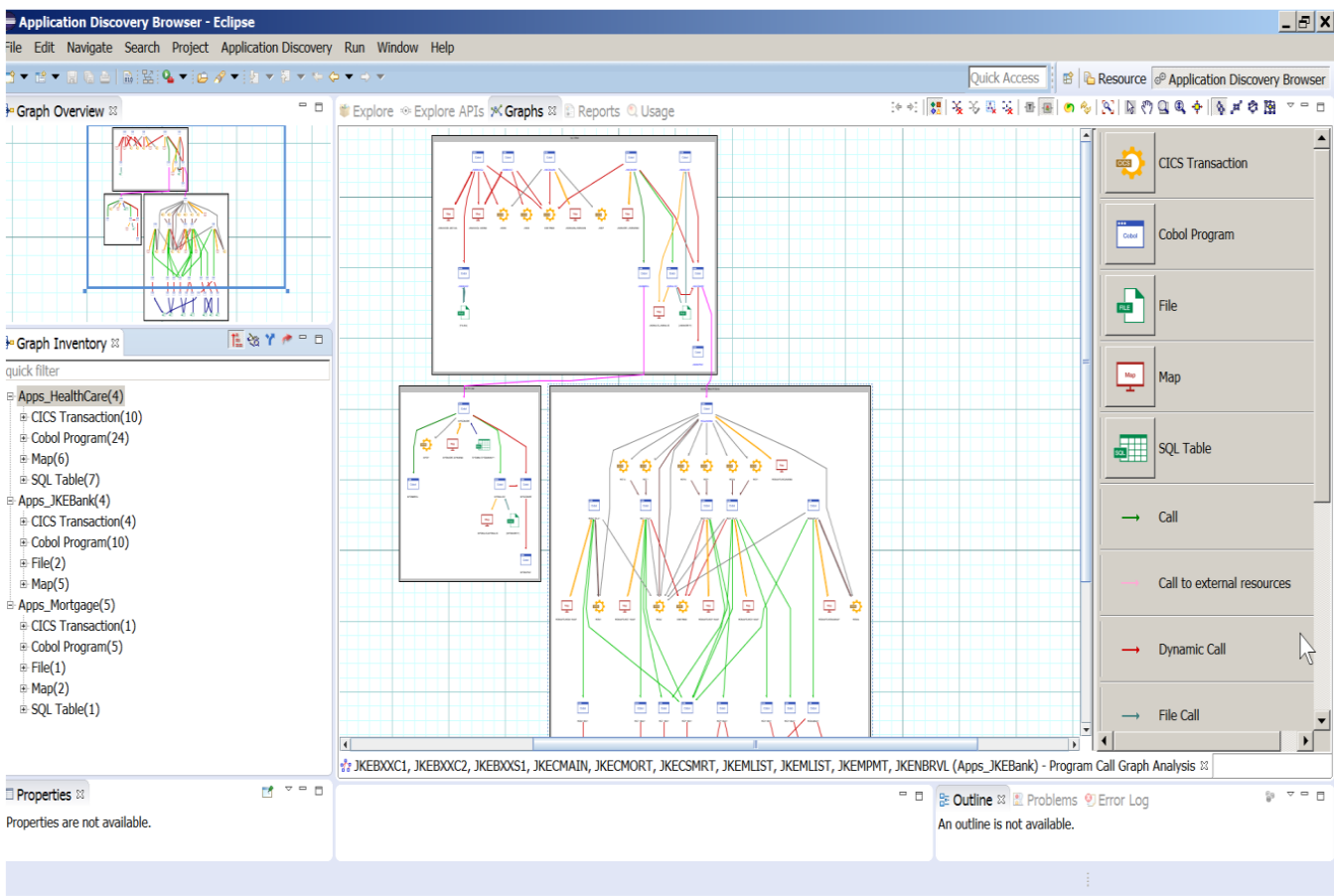
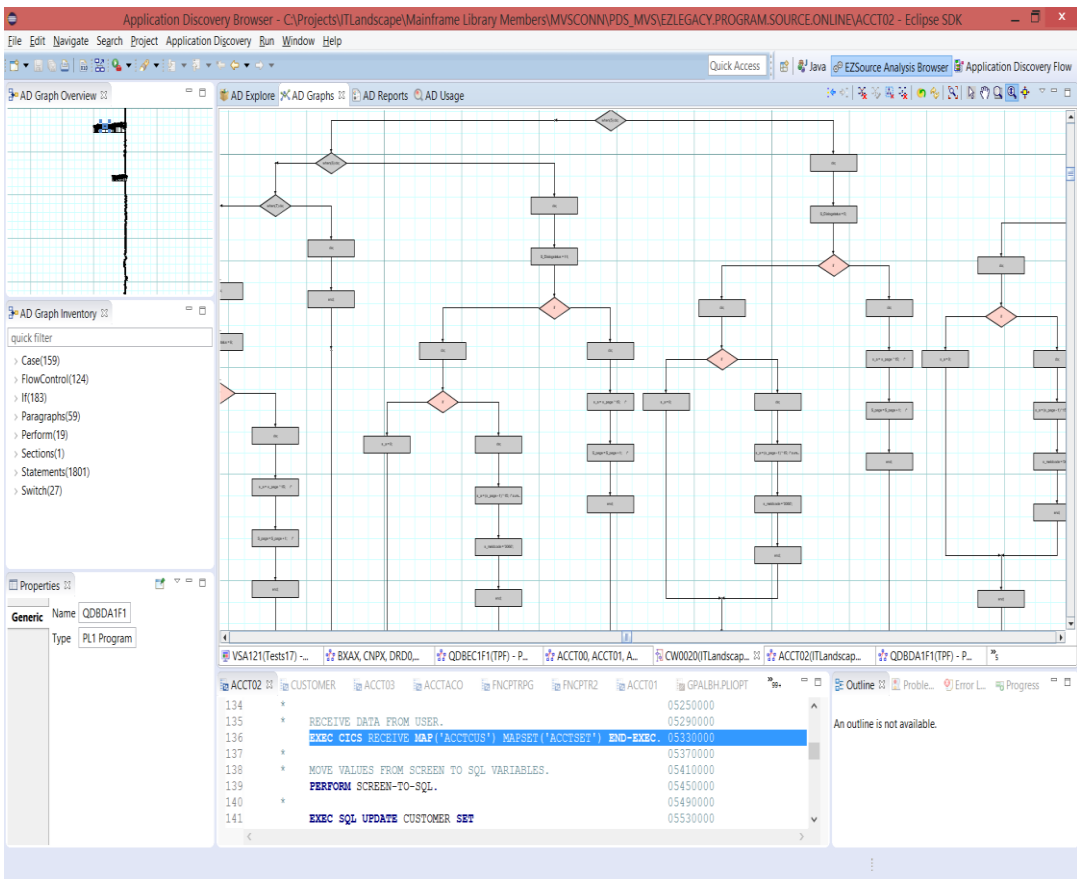
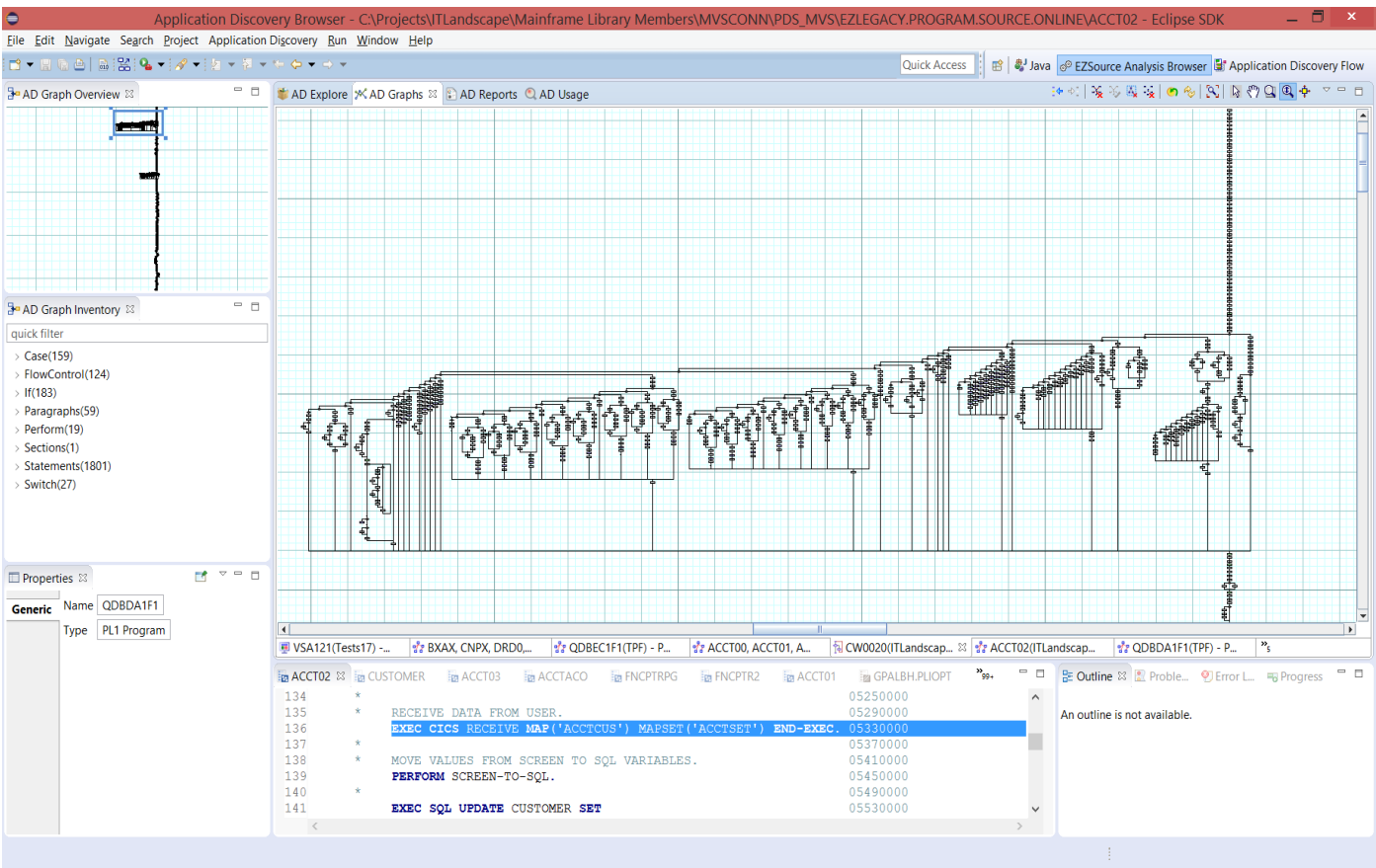
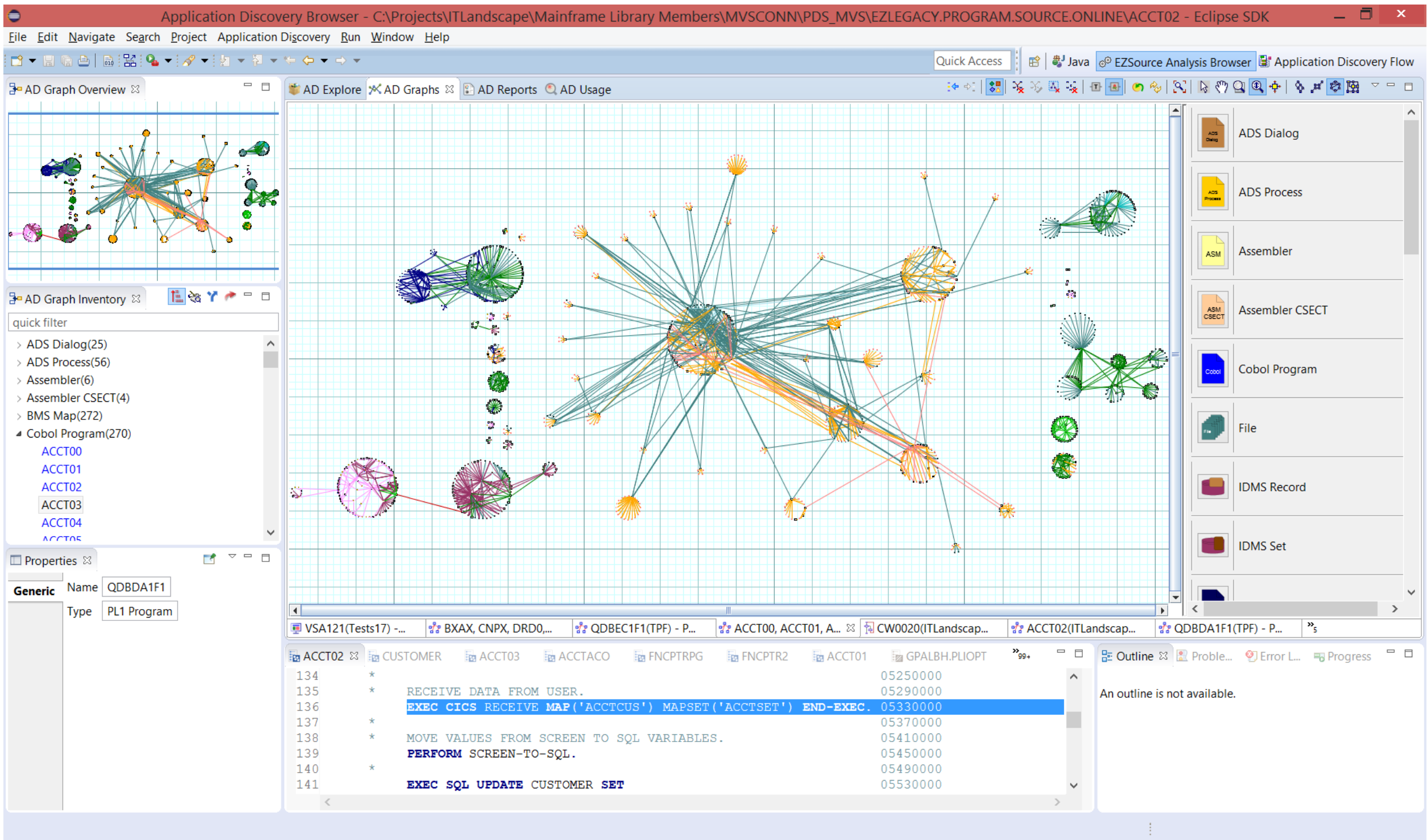
Experience payback in <1 year



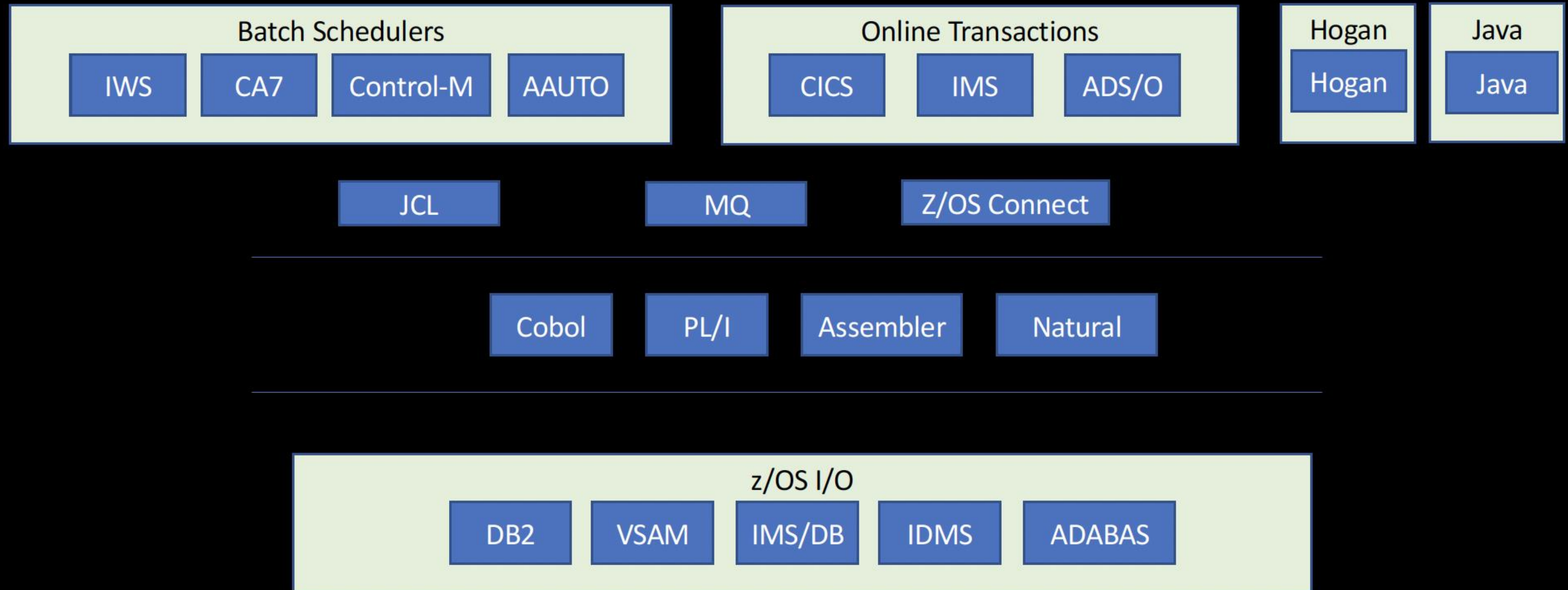
Z DevOps Pipeline



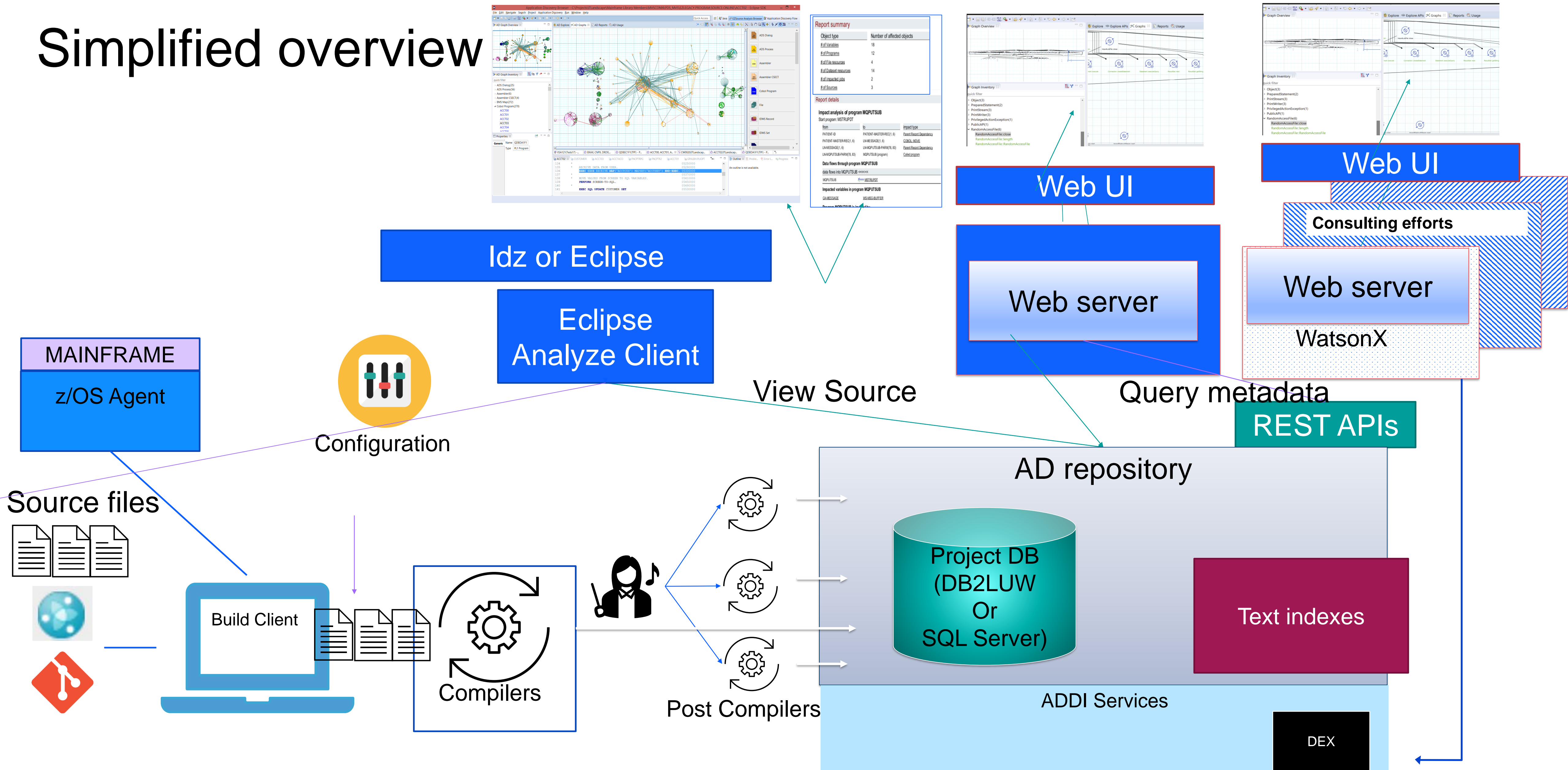
Turning Source Libraries into accurate call graphs in a click



ADDI coverage for Batch and Online applications



Simplified overview





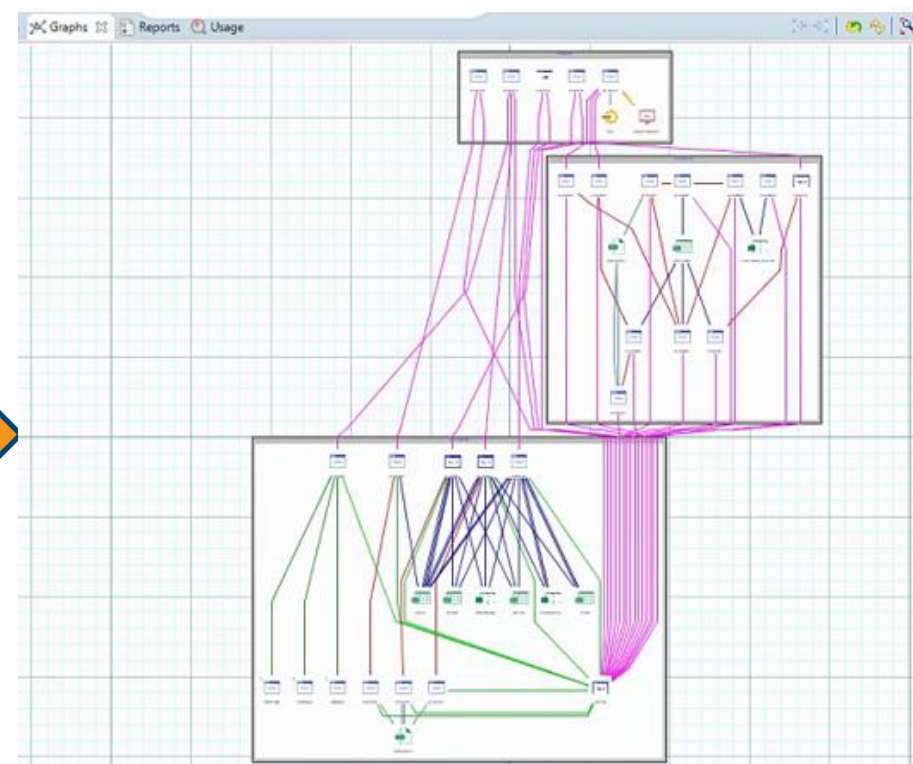
Sagar defines a set of epics to describe the steps to develop and to expose a service

Hands on workshop session **ADDI Revamp Your Apps: Master Modernization with IBM ADDI**

Goal: We want to assess the work to be done to expose an API that reads Customer information



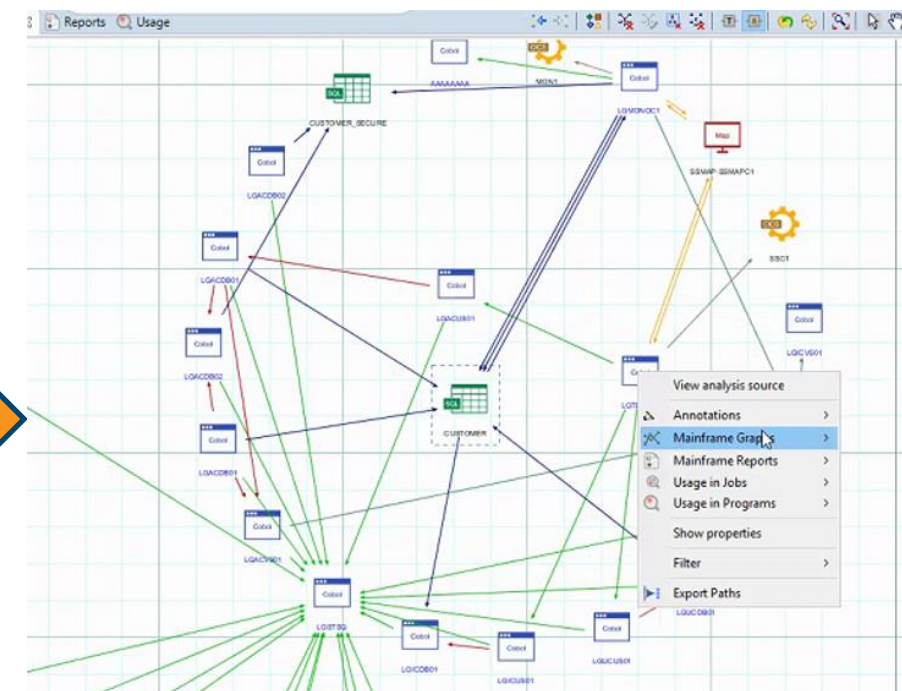
Your z/OS
Assets
loaded in
ADDI



**View touchpoints
between your
applications**



Focus on
the provider
of a
mainframe
service



**Identify programs
and data to refactor**



Capture the
result of the
analysis for the
development
team

Issue Type* Epic

Issue Type* Epic

Issue Type* Epic

Product Owner

Summary* Refactor Customer management program as a service

Epic Name* MF_243

**Describe at a high level
the requirement and work
to be done.
It involves multiple
applications**

ADDI DEMO

Q&A

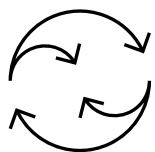
Next steps to progress your application modernization and IT automation on IBM Z

Read the [Forrester Total Economic Impact™ of ADDI](#)

Are you quantum safe? Read Forrester’s [Guide to Quantum Computing Risks](#)

Schedule a briefing to learn more

Book a discovery consultation to explore options for your organization



Product Resources

- Product page [Link](#)
- Online courses [Link](#)
- Product ADDI zTrial [Link](#)
- ADDI and Git Support [Part 1](#), [Part 2](#)
- Discover and plan for z/OS hybrid applications [Link](#)
- Quantum Safe Redbook [Link](#)
- Use Cases [Link](#)
- Accelerate your learning [Link](#)
- FAQs [Link](#)

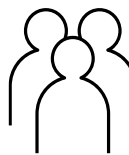


Client Success Stories

- Swedbank** empowers their developers with the insight to work faster and smarter [Read the full story](#) | [Listen to their story](#)

Groupama shares how they accelerated modernization with ADDI [Register here to listen](#)
- Sun Life** accelerates digital transformation through modernization [Read the full story](#) | [Listen to their story](#)

Rabobank understands complex application changes [Listen to their story](#)



Communities & Blogs

- IBM Z and LinuxONE Community [Link](#)
- What’s new [Link](#)
- IBM Z and Cloud Modernization Center [Link](#)

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Thank you



David Hawreluk
IBM, DevOps/ADDI Brand Technical Specialist

dhawrel@us.ibm.com

203.856.2677



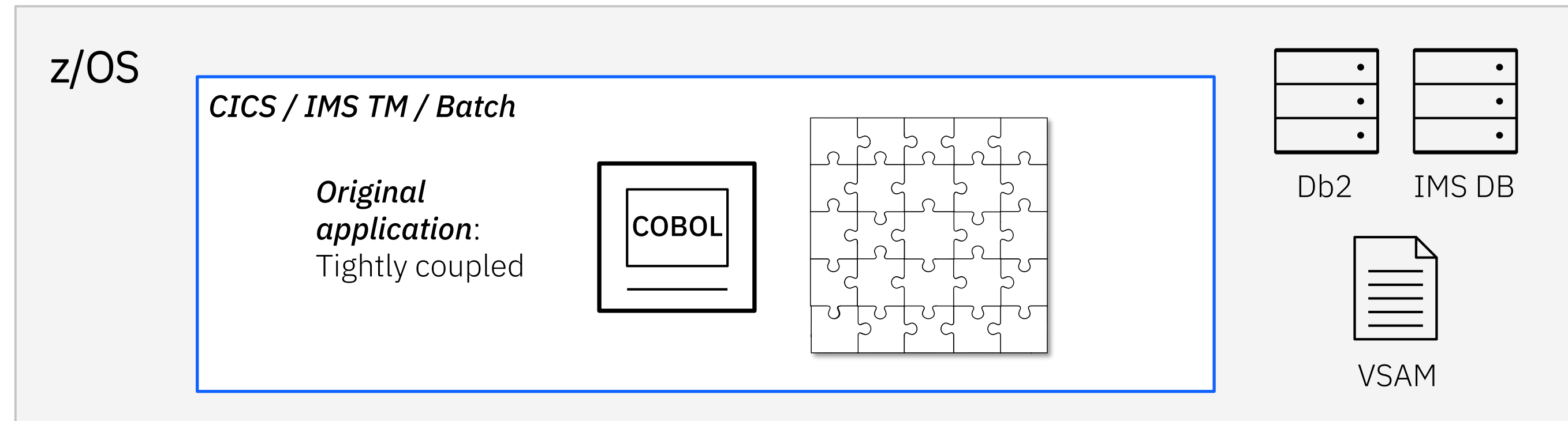
Interoperability & optimization

Objectives:

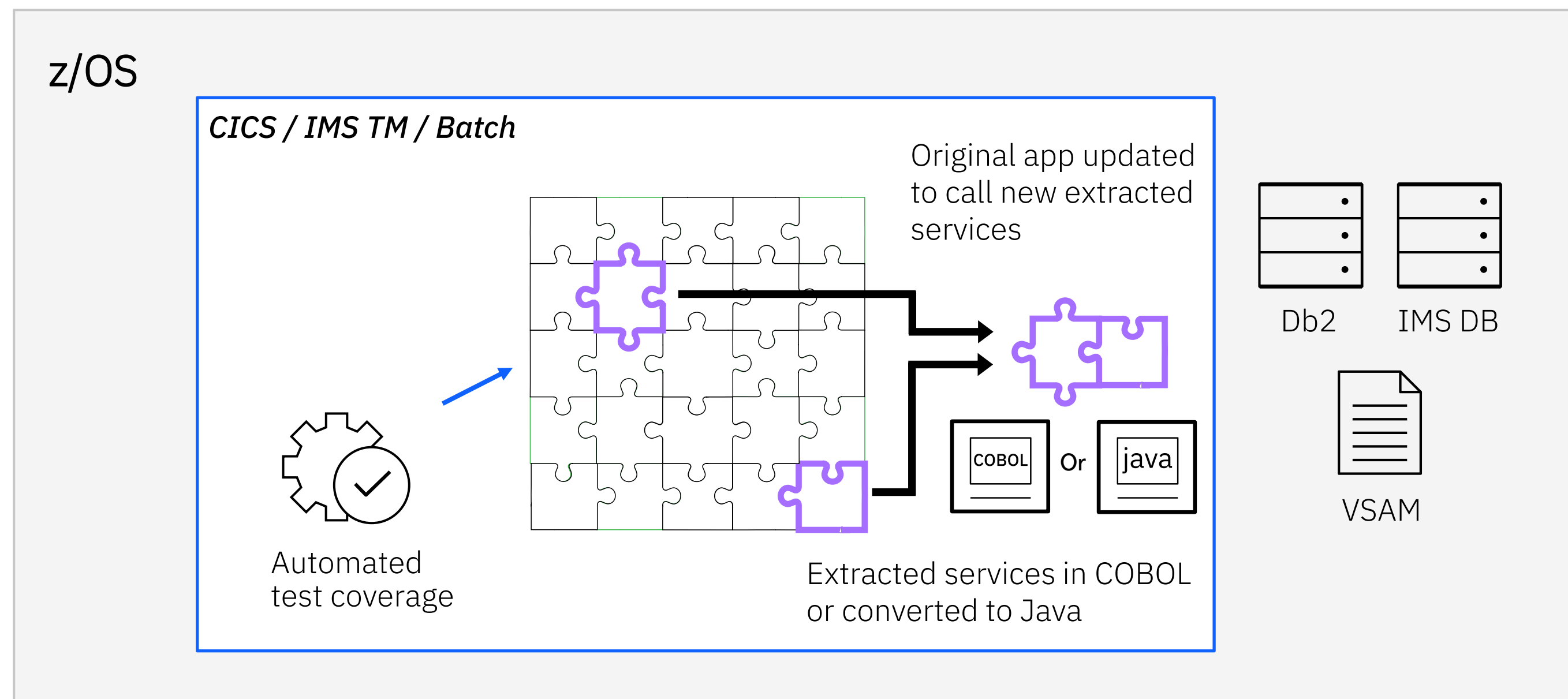
- De-risked approach featuring integration & interoperability while maintaining data and transactional model
- Optimized for IBM Z qualities of service of performance, security, and scalability
- Feature application architecture that identifies best-fit for COBOL and Java

Transformation with a best-fit approach

Baseline



IBM watsonx Code Assistant for Z

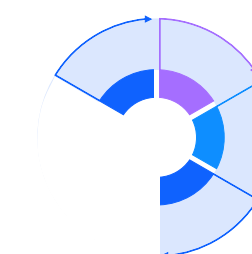
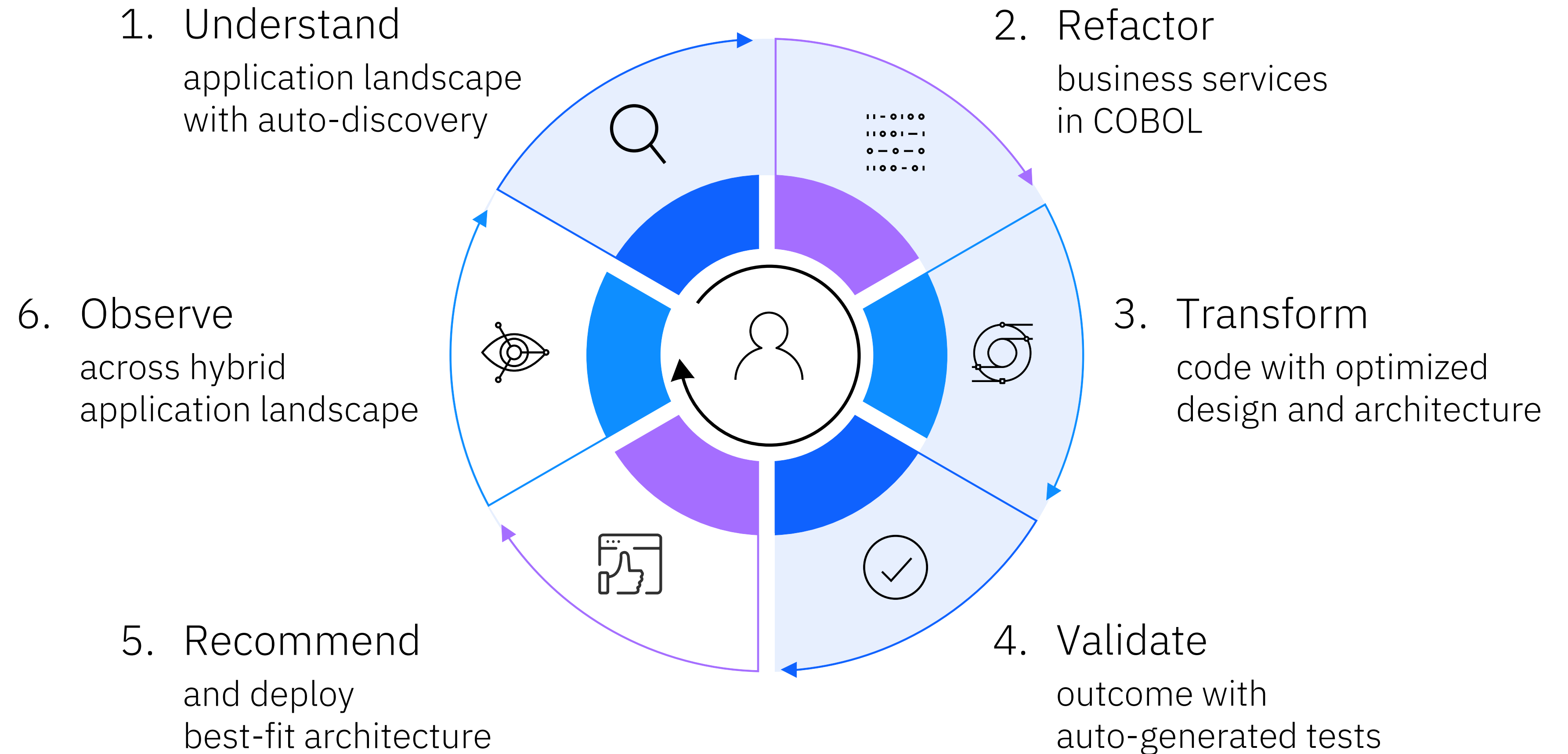


Accelerated application lifecycle

Objectives:

- Address skills and productivity challenges with automation and AI
- Ensure IBM Z qualities of service with mixed language interoperability
- Align with industry standard DevOps approaches

IBM watsonx Code Assistant for Z modernization experience



Initial Scope

