

Version 1 Decipher

Derisk modernisation using generative AI

The importance of documentation

Organizations face a significant challenge due to a lack of documentation, hindering their ability to effectively support and maintain key IT systems.

The absence of subject matter experts (SMEs) familiar with these legacy platforms make the task of reconstructing system knowledge both difficult and time-consuming.

This lack of documentation introduces significant risk into any modernisation effort, often delaying or even derailing progress altogether.

With Version 1 Decipher, you can:

- Get comprehensive and up to date documentation, automatically generated directly from source code
- Deep insights into your codebase, identifying the most complex areas of your systems requiring most attention
- Allows you to embark upon your modernisation programme with confidence and lower risk
- Reduce technical debt by identifying obsolete code
- Increase developer productivity and enable accelerated onboarding to support and extend your systems
- Query your documentation using the Decipher digital assistant

96%

of our customers indicated that a lack of documentation is a blocker to modernisation

40%

of current IT budget will be consumed by 2025 dealing with compound technical debt - Gartner

#1

blocker to Developer Productivity is a lack of documentation - Perforce 2025 Java Developer Report

95 billion

hours spent annually on coding tasks alone by Software Developers

Use Cases



**Document
Legacy Apps**



**Continuous
Documentation**



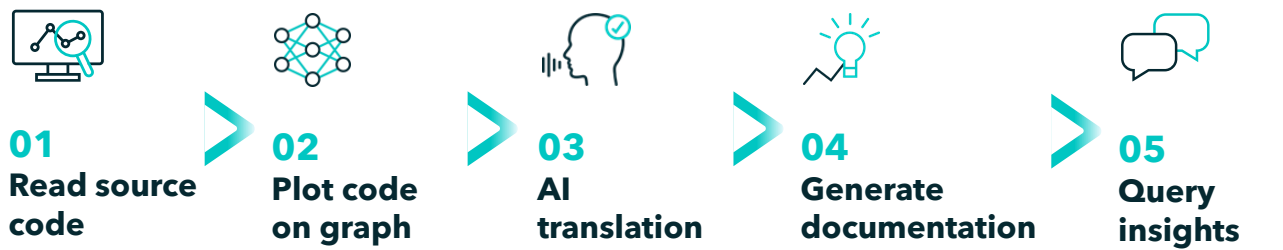
**Transition and
Support**



**Technical Debt
Remediation**

Version 1 Decipher

Decipher is a Generative AI powered static code analysis solution designed to automate and streamline the analysis and documentation of applications at scale, extracting key insights including business rules, integration points and business process identification. This automation significantly accelerates and derisks the traditionally time-consuming process of understanding and documenting complex systems, enabling teams to quickly gain deep insights into application architecture, complexity and functionality.



The power of graph

Decipher utilises graph technology to map application code onto a structured graph, enabling a comprehensive understanding of interconnectivity within the system and empowering business analysts, architects, and developers to gain a deep insight into the core structures of the application.



Proven Benefits

Whilst use of Generative AI in software development is still nascent, we've already proven its success through customer delivery:

20X faster than manual documentation

90% accurate documentation produced

Powered by:

Azure OpenAI

AWS Bedrock

Neo4j Graph DB

Languages supported:

Java

Oracle PLSQL

PHP

C#