



VERSION 1



Version 1 - Decipher





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Version 1 at a Glance



27 Years
Proving Value of I.T.



3400+
People



13
Global Locations



€350M+
Revenue

84%
Employee Engagement
Score (Q1 2024)

€3.5M
Annual investment in
Employee Skills and
Development

86.8%
Customer Satisfaction
Score (Q1 2024)



6
Strategic Technology
Partners








12 Years
As a Great Place to Work







Industry Best Practice




















Version 1's AI Capability

Version 1's AI Labs provided a service to customers to educate and explore AI-related technologies, and to help establish them as leaders in business innovation through AI.



90%

Workforce trained in AI



99%

Hallucination free solutions



20+

Gen-AI projects delivered

50+

AI Specialists

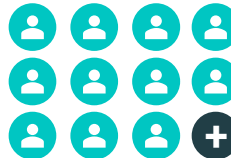
Across; Researchers, Engineers, Analysts, Prompt Engineers, Testers, Architects and Advisors



250+

Data Specialists

Across; Analysts, Platform Architects, Engineers, Data Experts, and Delivery Managers



400+

Employees using AI

Across; Engineers, Platform Engineering, Architects, Delivery Management, Cloud Advisors, Data Experts and Migration Specialists



Large Language Models



Natural Language Processing



Small Language Models



Accessibility, Transparency and Accountability



Classification, Clustering and Forecasting



Image Recognition, Classification and Segmentation



Recommendation Systems and Link Prediction



Energy Efficiency



Business-Led Innovation



Design Thinking and Agile Ways of Working



User-Centric App Development



Product and Delivery Management



AI Transformation



Cloud Transformation (to / on the Cloud)



Next Gen Dev



Cloud FinOps and GreenOps



Challenges in App Modernisation

*Navigating the Complex Landscape: Key Challenges, High Costs
and Barriers Associated with Delaying Modernisation Efforts*

There are barriers to Modernisation

Business case is not shaped effectively to align to business value



Modernisation can lead to internal friction with the redrawing of boundaries of control



Scope of challenge can be daunting



Organisations may not be ready for the new technologies, leading to a skills & capability gap impediment



Seen as a purely technical endeavour, driven by IT



“If it isn’t broken, then why fix it?”



Ultimately, there is only so much capacity and budget



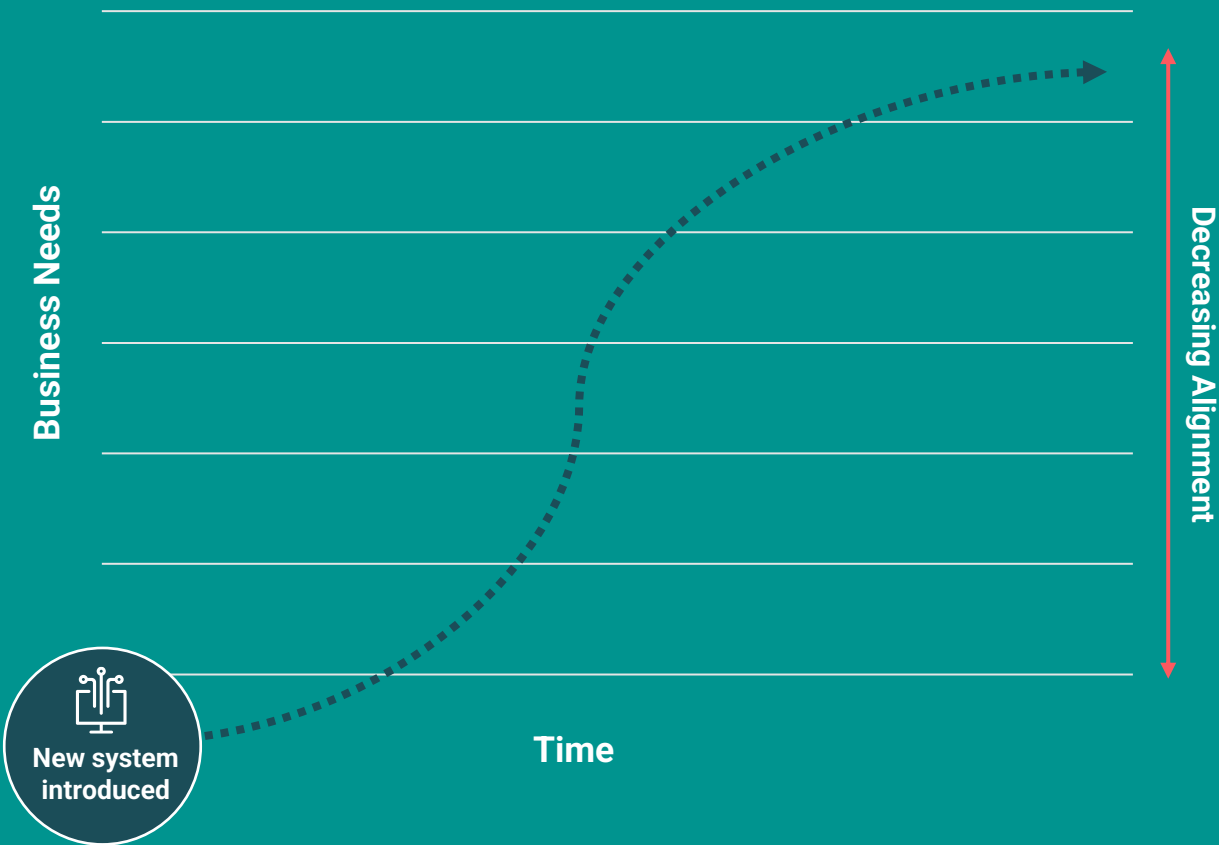
By 2028, modernisation efforts will culminate in

70%

of workloads running in a cloud environment, up from **25% in 2023**

Source: Gartner 2024

There's a hidden cost in not modernising



Needs change over time. Divergence in alignment leads to:



Cost of not modernising

Cost of Developers

Cost of COBOL / VBA

Opportunity Cost

Cost of Maintaining documents

Cost of Documenting



To overcome this, you need a discovery

But there are the extra challenges involved when running a discovery:

Cost of Documenting

Cost of Maintaining documents



'It's expensive and resource consuming!'

Companies that miss out on modernising may find themselves at a competitive disadvantage, as rivals are moving forward to drive down costs and improve profitability.



What does good look like?

*Unlocking Potential:
Imagine the Transformative Impact of Fully Modernised
Applications on Your Business*

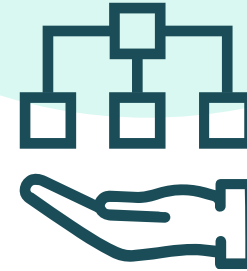
01

Documentation generation is automatic, relevant and qualitative



02

Find out what an application does and a prioritised pathway for modernisation



03

No more single source of failure, no dependency on unicorn developers



04

Living documentation, always in sync, with zero effort from developers



05

No mysterious code bases; for both technical and business audiences



06

You can interrogate entire code bases via questions in plain English



07

Multi language, even in BIG SIZES



08

Fast and cheap





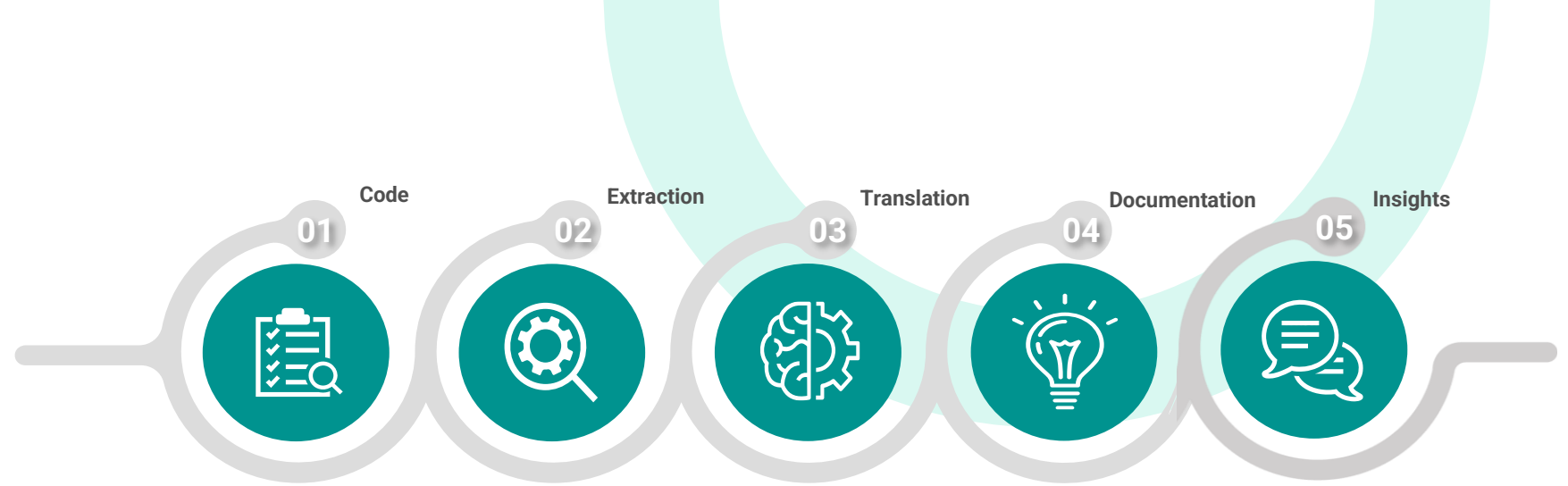
About our solution: Decipher

*Introducing Decipher:
Revolutionising Application Modernisation with Cutting-Edge AI
Technology*

Decipher

AI Powered Code Analysis & Documentation

An innovative AI solution that automates the generation of functional and technical documentation to decode legacy codebases and enable efficient, cost-effective application modernisation.



Read Legacy Code

Automatically access and interpret legacy codebases, ensuring readability and comprehension without manual intervention.

Extract segments

Methodically analyse each file and method within a repository to isolate and retrieve individual code segments.

AI Translation

Leverage OpenAI API to call LLM like GPT-4 Turbo to translate and refine codebases into comprehensible documentation.

Generate Documentation

Efficiently produce cohesive technical and business documentation, directly integrated and accessible through the user interface.

Query Insights

Empower developers to interrogate their codebases with precision, offering tailored responses and visual data representations.

Languages currently supported:



COBOL



Coming Soon:



Benefits

AI Powered Code Analysis & Documentation

Upon uploading the source code, the application immediately offers:

- An Executive summary
- Insights into Technical Debt and Dependencies
- Visual Comparisons of Code versus Documentation in an easy-to-use UI
- Support for a multitude of Coding Languages
- A Virtual Assistant to query the generated documentation and codebase



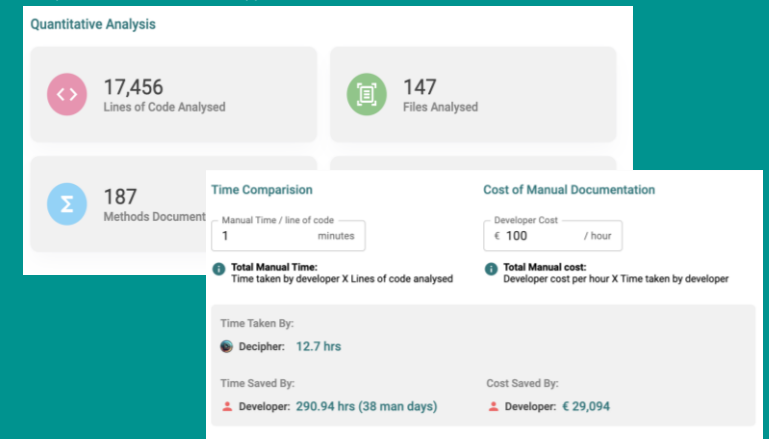
Decipher: ~2000 lines of code analysed & documented/hour, with 0% capacity required.

An engineer: From our experience, at 100% capacity, would take 1 day to do the same.

For analysing and create documentation for an application with 1 million lines of code:

- With a mid-senior developer, this leads to about **£500,000 in cost**, and would take approx. **500 man-days to complete**.
- With Decipher, the analysis and documentation runs and generates automatically in the background.

Sample screenshots from the app:





Case Study

Decipher for a Major Irish Public Sector Department

Challenge: A major Irish public sector department faces the significant challenge of maintaining and modernising its extensive legacy IT systems. These systems, critical to the department's operations, are coded in older programming languages that are increasingly difficult to support, making it hard to understand and modify existing codebases that leads to a higher risk of errors during system updates.

Solution: Version 1 has developed "Decipher", a cutting-edge Web App designed to automate the generation of functional and technical documentation, crucial for decoding legacy codebases and facilitating efficient, cost-effective application modernisation. A solution tailored to address the Department challenges.

By leveraging Azure OpenAI, Decipher is configured to seamlessly integrate with the department's code repositories. The solution employs advanced language models such as GPT-4 Turbo to translate and refine complex codebases into comprehensive documentation, by analysing each file.

This process not only reduced the time spent on manual documentation by over 20 times for the department, but also enhanced understanding and maintenance of the system without the need for extensive training.

Outcomes:

X20+ Enhanced documentation efficiency

Ability to query in natural language your code basis

Faster upskilling, onboarding and modernisation

Driving Business Value through Application Modernisation

From assessment through to integration, we are full stack Application Modernisation & Integration experts with breadth and depth of technology and experience across many sectors.

Our offerings enable you to enhance, protect and drive business value via your digital business systems.



Legacy System Modernisation

Legacy Technology is restricting business agility and consuming budget. With our breadth of expertise, we can help you realign your systems with your business needs and unleash your potential.



Continuous Modernisation

Your systems are organisational assets which require continuous investment. Our technology teams work in partnership with yours to support and enable your ongoing IT investments, providing technology expertise across the digital spectrum.



Next Gen Apps

AI is changing user expectations and will become embedded in business systems as a standard. Our AI expertise enables you to embrace this technology paradigm shift and future proof your business.



Integrated Apps

Your systems are more heterogenous than ever. Integrating these effectively can be challenging but is key to driving maximum value from your investment. We have extensive experience across multiple technologies and sectors and can advise on and implement your integration needs.



Portfolio Modernisation

With 26 years of guiding customers on their modernisation and transformation journey, we have the experience and expertise to enable you to deliver on your business strategy. By aligning digital systems to your business needs, we simplify the existing landscape while building new capabilities, all supported by a service innovation framework.

Recap

The Race to Modernise Webinar



Barriers to
Modernisation



Hidden Costs in
Not Modernising



Risks of Waiting

Decipher

A Version AI solution leveraging MS OpenAI that automates the generation of functional and technical documentation

- Reduce 10-20X+ investigation and documentation time
- Improved developer productivity by facilitating a deeper understanding of code repositories
- Ability to query code in natural language in a quick and efficient manner

Our credentials

- **Proven Expertise:** Demonstrated success in driving business value through application modernisation.
- **End-to-End Services:** From assessment to integration, we provide complete application modernisation and integration services.
- **Industry Knowledge:** Application Modernisation & Integration experts with breadth and depth of technology and experience across many sectors.

Engagement model and indicative prices

ENGAGEMENT MODEL







TRIAL/ PoC (0 – 5k Lines of Code)	SMALL (2-50K)	MEDIUM (51-300K)	LARGE (301-500k)	EXTRA LARGE (501k+)
Free of Charge	~ 2 WEEKS ~€20,000	~4 WEEKS ~€40,000	~6 WEEKS ~€60,000	~ 8+ WEEKS From €80,000

The Time indicated includes: 1) Deploy the solution 2) Determine success criteria 3) Run Decipher on the code basis 4) Present the result

In case of more complex code bases, the waiting and review times may take longer and for better results we recommend multiple iterations to fine-tune the solution and close any gap in the documentation. The estimated timing under the T-Shirt sizes reflects that.

Our Global Microsoft Partnership

 <p>Infrastructure & Migration</p> <p>Microsoft Solutions Partner Infrastructure Azure</p> <p>Specialist Azure Virtual Desktop Windows Server and SQL Server Migration</p>	 <p>Digital & App Innovation</p> <p>Microsoft Solutions Partner Digital & App Innovation Azure</p> <p>Low Code no Code Advanced Specialisation In Progress* - 2023/2024</p>	 <p>Data & AI</p> <p>Microsoft Solutions Partner Data & AI Azure</p> <p>Specialist Modernization of Web Applications</p> <p>Data & Analytics Solution Assessment SAS Approved Analytics on Microsoft Azure Azure Advanced Specialisation In Progress* - 2023</p>	 <p>Security</p> <p>Microsoft Solutions Partner Security</p>
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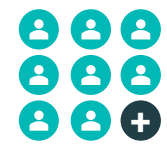
ASPIRE - Next Gen Managed Service

Streamline Innovate Evolve
Automate Protect Realise

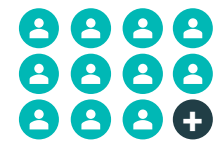
Microsoft Partner
Azure Expert MSP



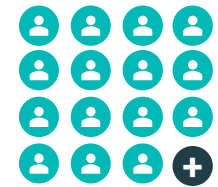
50+
AI Specialists
Across; Researchers, Engineers, Analysts, Prompt Engineers, Testers, Architects and Advisors



250+
Data Specialists
Across; Analysts, Platform Architects, Engineers, Data Experts, and Delivery Managers



~700
Cloud & DevOps Platform Engineers
Across; DevOps Engineers, Platform Engineering, Architects, Delivery Management, Cloud Advisors and Migration Specialists



plus **1,300+** Front End, Back-End and Full Stack Developers, 80% of which have expertise in cloud technologies

 <p>1st UK Azure Apps Modernisation Advanced Specialisation Partner</p>	 <p>Global Cosmos DB Preferred Partner Programme</p>	 <p>AMMP, ECIF, SA, MCS Approved Partner</p>
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<p>Platform & App Development</p> <p>Microsoft Azure</p>	<p>Business Applications</p> <p>Microsoft Dynamics 365</p>	<p>Collaboration Technology</p> <p>Microsoft 365</p>	<p>630+ Microsoft Certifications</p>
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Microsoft 2023 Partner of the Year
Winner Modernizing Applications Award

Global Microsoft Partner of the Year for Modernizing Applications 2023

Microsoft Partner
Microsoft Ireland Partner of the Year 2023 Winner Social Impact

Microsoft Ireland Partner of the Year 2023 Winner Social Impact



VERSION 1

Thank you

Thank you for your time, if you would like to find out more, please visit our website

www.version1.com

or email us at

info@version1.com