



Legacy Modernisation



**75% of technology
decision-makers will see
their technical debt rise
to a moderate or high
level of severity by
2026.**

[Forrester, 2025](#)

Needs change over time.

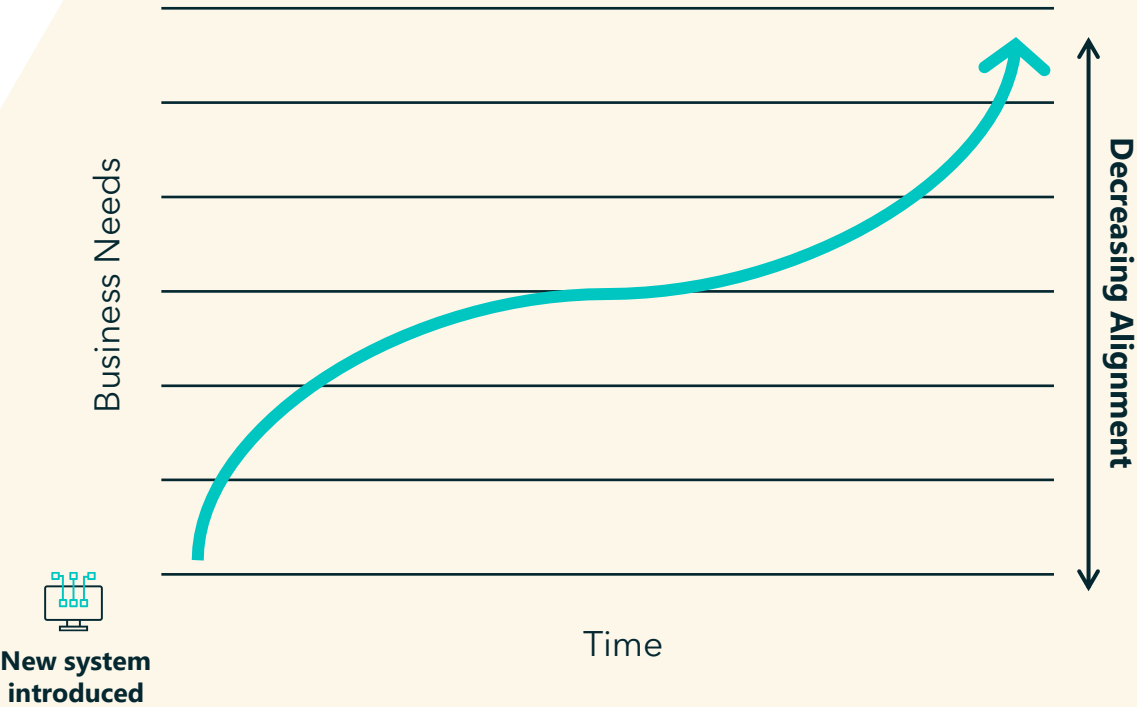
Divergence in alignment leads to:

Decreasing

Increasing



There's a hidden cost in not modernising





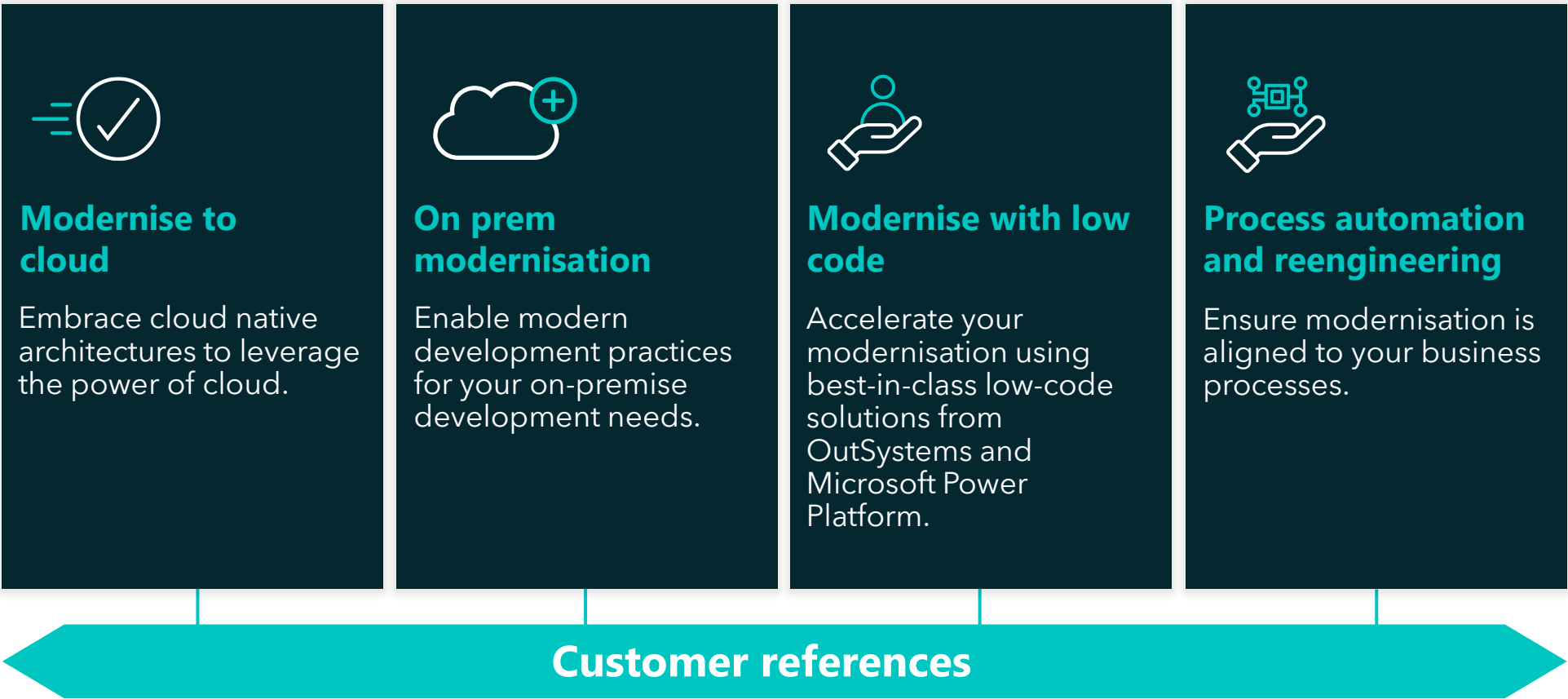
Legacy modernisation

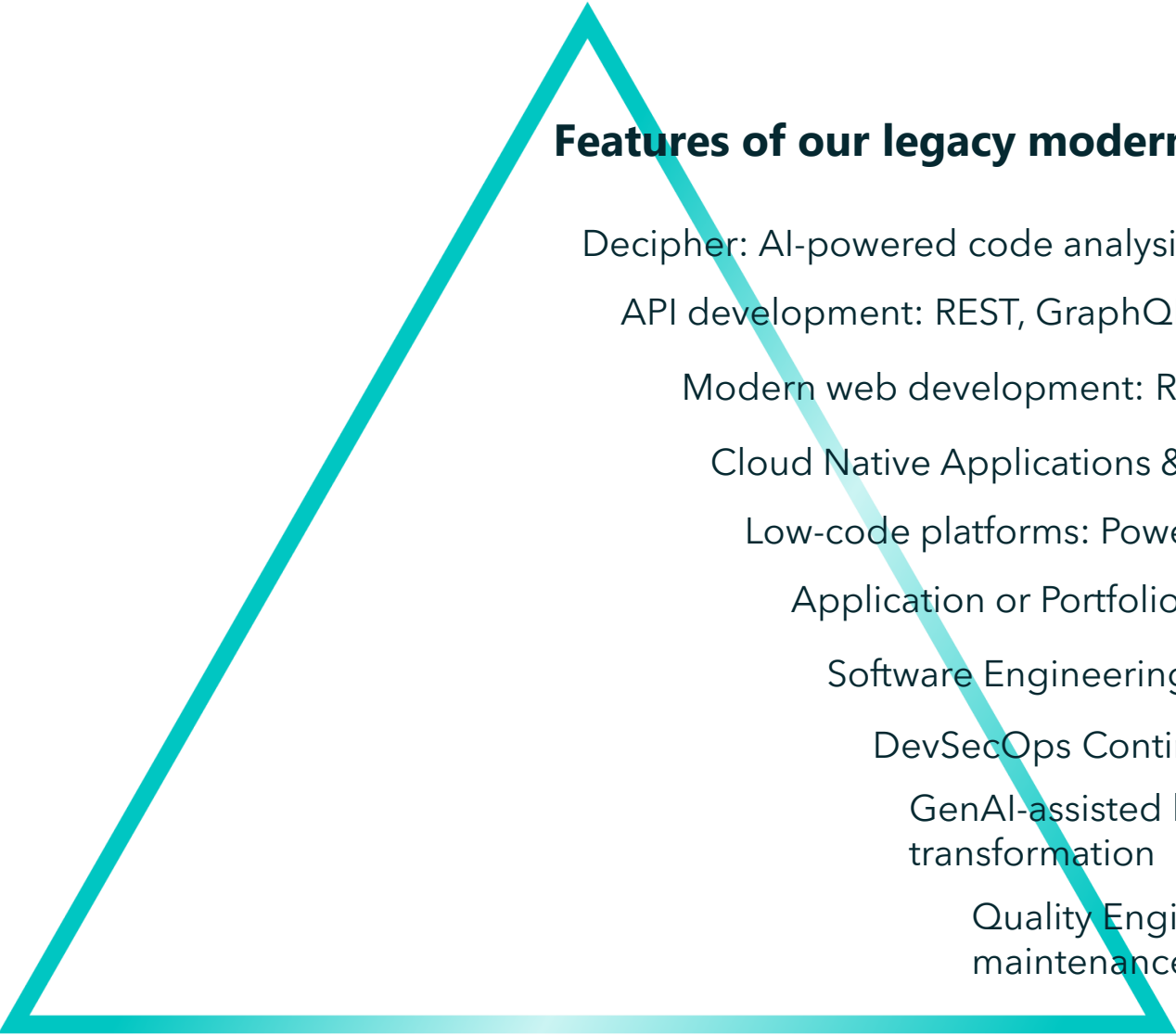
We specialise in modernising legacy applications to improve adaptability, reduce costs, and better align systems with business objectives.

Our approach emphasises tailored modernisation strategies over complete replacement with generic off-the-shelf solutions.

By prioritising user requirements, we facilitate business-driven transformation and foster innovation.

Legacy system modernisation





Features of our legacy modernisation service

Decipher: AI-powered code analysis cutting documentation time by 20x

API development: REST, GraphQL with AI-generated documentation and testing

Modern web development: React, Angular, Blazor with AI-assisted coding

Cloud Native Applications & Engineering using SaaS, PaaS, IaaS services

Low-code platforms: Power Platform, OutSystems accelerated by AI copilots

Application or Portfolio Discovery & Assessments and Roadmapping

Software Engineering incl. Java, .NET, Python, NodeJS

DevSecOps Continuous Delivery & Integration Services

GenAI-assisted legacy modernisation: COBOL, VB6, Java, .NET, Python transformation

Quality Engineering and Test Automation, Knowledge transfer, support and maintenance



Benefits of our legacy modernisation

Accelerate modernisation using AI-powered code analysis reducing investigation time dramatically

Enable agility through AI-assisted transformation to modern, intelligent architectures

Reduce organizational risk by AI-documenting undocumented legacy systems comprehensively

Future-proof applications with AI-ready architectures enabling continuous innovation capabilities

Leverage proven AI accelerators including Decipher, reducing modernisation costs significantly

Access UK-based engineering teams with SC clearance capability

Global Microsoft App Mod POTY 2023

Enable a successful Digital Transformation program

Deliver modernisation faster through AI powered modernisation capability

Augment engineering capability with squad services, enabled with AI

The **traditional** approach to development is **too slow and expensive.**

14 months on average to deliver a medium sized (100,000 lines of code) application.

QSM[®]

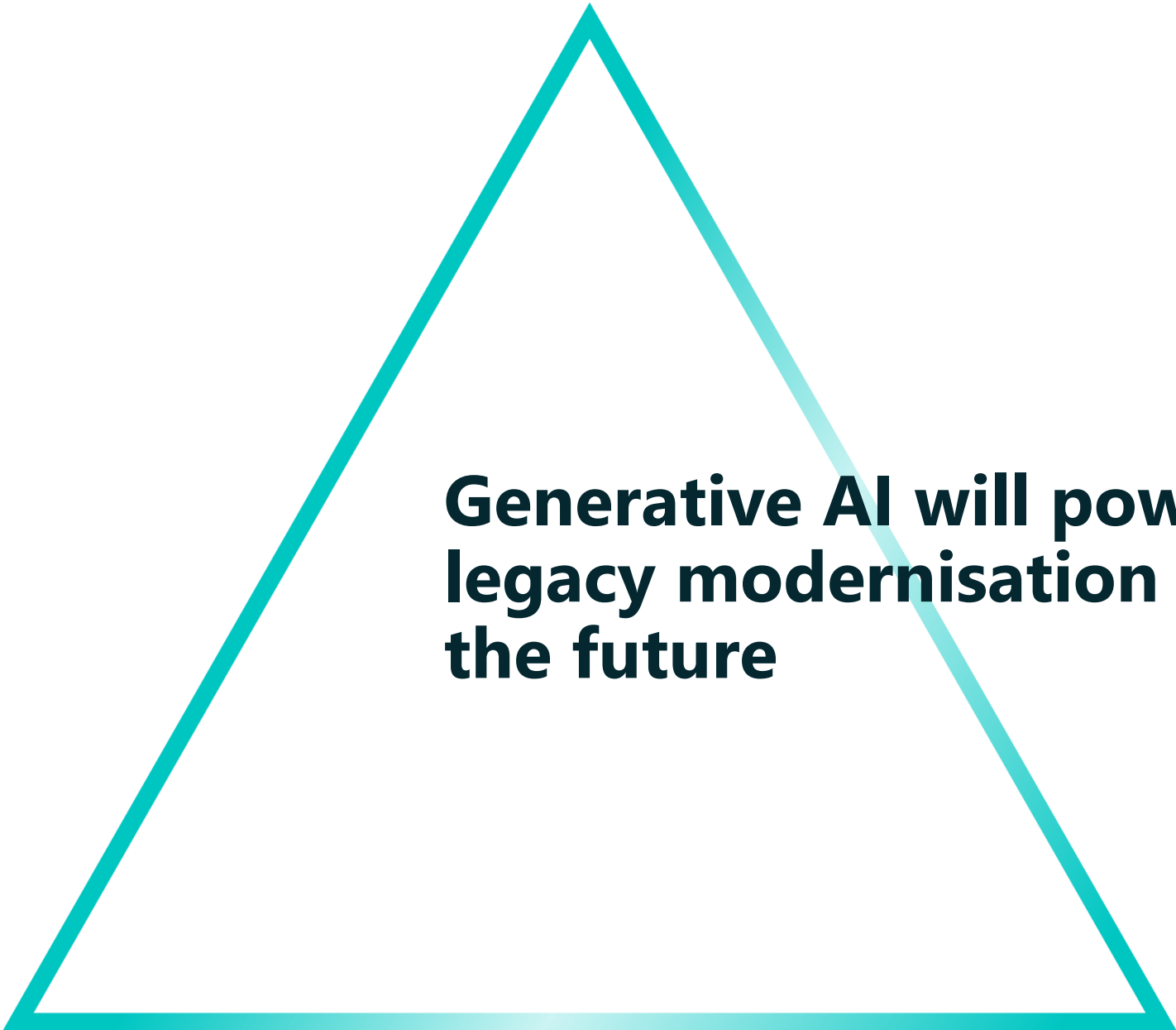
42% of companies are not confident they have sufficient engineering resources to keep up with technology trends due to not having enough skilled employees.

stripe

40% of current IT budget will be consumed by 2025 dealing with compound technical debt.

Gartner

 **VERSION 1**

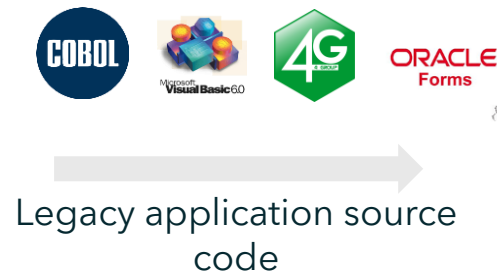


**Generative AI will power the
legacy modernisation project of
the future**

Gen AI based code conversion solutions

Accelerate and reduce the cost of legacy code modernisation programs by using Gen AI to automate the conversion

The advent of Generative AI has finally enabled us to produce human readable and maintainable code through the automated code conversion process. This development will enable a new wave of modernisation opportunities for applications which were previously deemed to be too big or expensive to modernise.



Gen AI Powered Code Conversion Solutions



Step 1:

Use of traditional conversion solutions to convert code



Step 2:

Use of Gen AI to refactor converted code to make readable



Readable and maintainable code

AI Driven Legacy Transformation for SCA

Challenge

SCA needed to modernise its mission-critical Containerboard manufacturing systems to enable uninterrupted, large-scale operations and achieve ambitious sustainability targets. This transformation had to be completed without causing production downtime or operational risk, while also overcoming the constraints of legacy technology and limited expertise.

Solution

Drawing on a 25-year partnership, Version 1 and SCA pioneered a risk-free, parallel transformation approach underpinned by an AI driven code transformation approach. Legacy and modern platforms ran side by side, ensuring uninterrupted production. Migration was gradual, module-by-module, with instant rollback capability and seamless data integration. Advanced AI tools compressed decades of manual coding, reducing delivery time by 63%. The solution preserved familiar workflows, with major technical debt reduction, and delivered a future-ready, cloud-native infrastructure. SCA now benefits from enhanced sustainability, SAP integration, and a modern user experience, strengthening its competitive position.

Outcomes

12 month delivery
timeframe for **5 million**
lines of code

63% time saving using a
combination of AI and rules
based code transformation

100% operational
continuity delivered

Legacy Code Conversion for SpiderRock

Challenge

SpiderRock faced significant challenges in maintaining and updating its legacy Perl codebase, consisting of 88 files and over 35,000 lines of code. Manual conversion would have been costly, time-consuming, and prone to errors, especially when handled by developers unfamiliar with Perl.

Solution

We successfully demonstrated that Generative AI could significantly reduce the effort required to modernise and convert from Perl to C#, with an 87% time saving estimated. Version 1's team leveraged GPT-4, an advanced AI-powered tool, to accelerate the conversion process and increase accuracy. By comparing manual conversion results with ChatGPT's output, the team validated the AI-assisted approach, which delivered up to 87% less conversion time.

We enabled SpiderRock to modernise their legacy codebase efficiently, reducing the risk of errors and allowing developers to focus on more value-added tasks, ultimately positioning SpiderRock to maintain a more agile and future-ready codebase.

Outcomes

87% time saving for long pieces of code.

Augment developer's capabilities not replace.

Developer still needs to review and correct any conversion errors.



National Incident Liaison Officer (NILO) project for National Highways

Challenge

To enhance communications and increase road safety, the customer sought to monitor and report occurrences more effectively. It was necessary to replace existing legacy systems and enable modernised processes with tight delivery deadlines, which called for an innovative approach.

Solution

Modernising a Mission Critical Incident Management and Road Safety system, essential to the smooth running of England's roads was a considerable undertaking.

We quickly scaled up a team and initiated a 3-month modernisation project. We used our Application Modernisation accelerator (Foundations), re-architecting the current legacy system, to build an Azure Cloud Native solution. Despite a tight deadline, we delivered on time, within budget, and with exceptional results by keeping the business need and value front and centre.

Outcomes

150% faster reporting.

50% faster incident creation.

82% faster incident updates and closures.

"NILO reporting is now a faster more comprehensive reporting service than ever before ensuring National Highways customers have a better experience, stress free journeys and improved journey times when travelling."

Tim Priest, National Operations Team Leader, National Highways

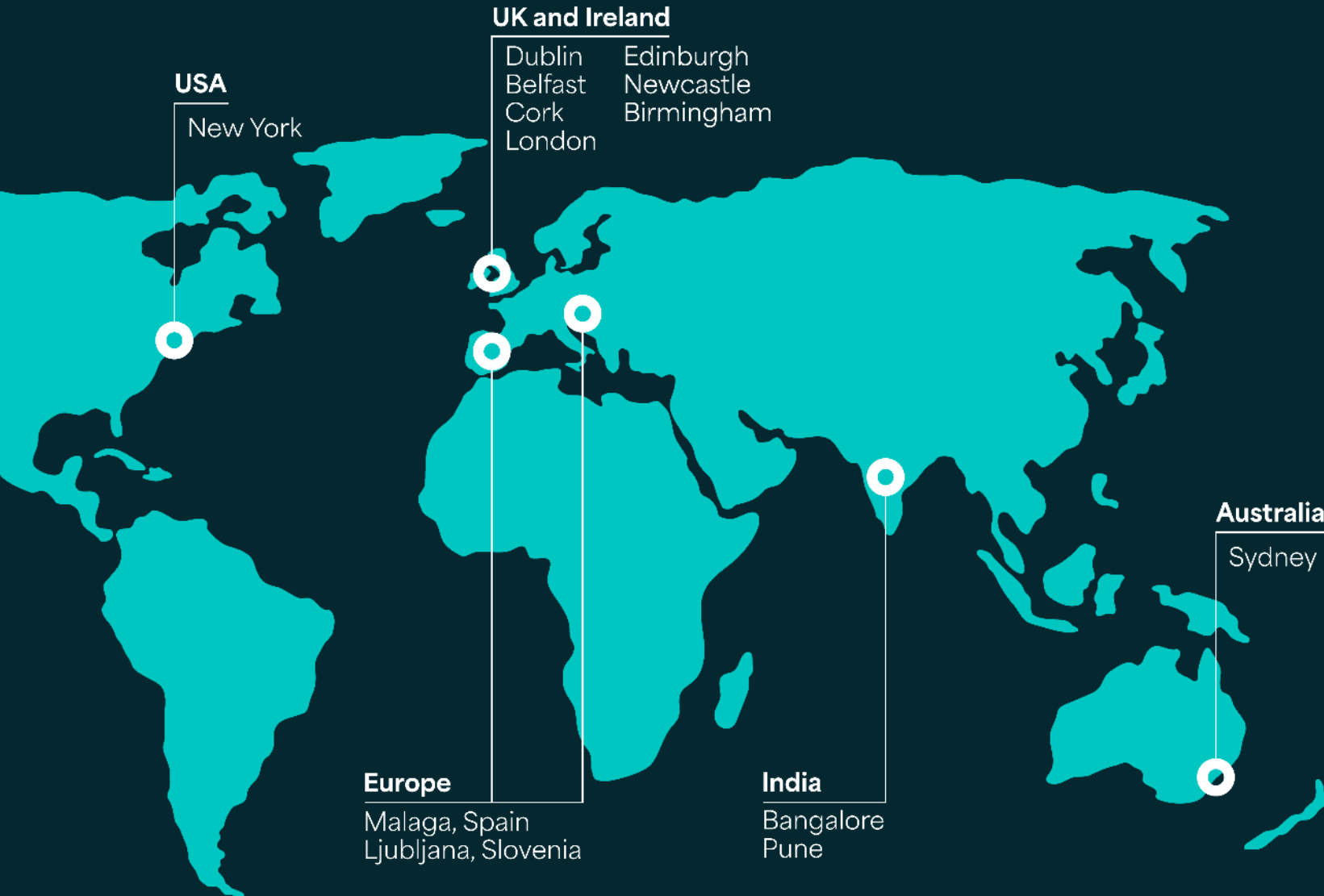
Microsoft
2023 Partner of the Year

Winner
Modernizing Applications Award

About Version 1



Version 1 at a glance



29 years of experience

13 global locations

6 strategic technology partners



13 years as a great place to work



Industry best practice



€364M+ revenue 2024

82% employee engagement score (Q2 2025)

85% customer satisfaction score (Q2 2025)

The Version 1 difference

The core values at the heart of Version 1's success.



**Honesty and
integrity**



**Personal
commitment**



No ego



Customer first



Excellence



Drive

Looking forward: Our ESG targets, goals & achievements

A-

score for Carbon Disclosure Project reflecting our sustainability practices (Industry average is a C)

680+

Volunteering hours delivered by employees globally

80%

key suppliers with sustainability targets by 2025, we are committed to reducing environmental impacts across our supply chain through responsible sourcing and partnerships

217

Version 1 Impact Investors supporting our global Community First programme which aligns to the UN Sustainability Development Goals

Bronze

Ecovadis rating reflecting our ESG maturity across our strategic focus areas

930

Women in Tech members

Our four strategic ESG pillars:



**Environment
sustainability**



**Ethical
Practices**



**Responsible
Procurement**



**Social
Impact**



As a participant of the United Nations Global Compact, Version 1 is committed to aligning strategies and operations with universal principles on human rights, labour, environment and anti-corruption

Our services portfolio



Application Modernisation and Integration

Accelerating the modernisation of applications embracing sustainable engineering and AI-assisted development.

Legacy systems modernisation

Continuous modernisation

Next Gen Apps

Integrated Apps

Portfolio modernisation



Experience Design and Development

Designing, shaping and building products and solutions that deliver fantastic people and societal experiences.

Digital strategy and innovation

Product management and roadmaps

Behavioural research, analysis and journey mapping

Creative design and UX services

Product development and AI accelerated engineering

Envisioning and innovation workshops



Enterprise Applications

Optimising the core of your business with deep functional and technical expertise in Finance, People, Customer and Enterprise Performance Management (EPM).

Reshaping finance for the future

Elevating HR and people operations

Enhancing supply chain management

Amplifying customer touchpoints

Realising value with Data insights and AI



Data x AI

Becoming an intelligent, data driven organisation needs quality data x AI to make better decisions and processes.

Data strategy and architecture

Data engineering

Data analytics and visualisation

Data modernisation

Data governance

AI co-creation services



Cloud Transformation

Adopting, optimising and leveraging Cloud to unlock new or enhanced business value and innovation.

Industry specific cloud

Readiness and enablement

Migration and transformation

Operate and optimise

Specialist services



ASPIRE Managed Services

Reduce time, cost and risk by leveraging our VLA approach to run and optimise traditional and Cloud services to improve business agility and accelerate innovation.

Cloud and infrastructure management and optimisation

Oracle SaaS management and optimisation

Data and AI managed services

EBS, Peoplesoft and JDE managed service

Application management and optimisation

Digital workplace services

Our global technology partners

- Named **AWS Collaboration Partner of the Year 2024**
- Named **Global Microsoft Modernising Applications Partner of the Year Award 2023**
- Named **Microsoft Ireland Partner of the Year 2023 Winner - Social Impact**
- Named **Innovation Partner of the Year Winner - 2023 Oracle EMEA Partner Awards**
- Named **AWS Collaboration Partner of the Year - EMEA 2023**
- Named **AWS Migration Partner of the Year - EMEA 2022**
- Named **OutSystems Partner of the Year 2021**

Microsoft Partner

Azure Expert MSP



As an Azure Expert MSP and the Global Modernising Applications Partner of the Year 2023, Version 1 boasts extensive expertise across the Microsoft stack.



Premier
Consulting
Partner

An AWS Premier Consulting Partner and EMEA Migration Partner of the Year, Version 1's unrivalled expertise boasts deep expertise with 400 certifications and accreditations.

ORACLE | Partner

With 28+ years of Oracle ecosystem expertise, we're a certified Oracle Modern OPN Partner and Cloud Solutions Provider - One of Europe's most distinguished Oracle Cloud partners.



As a Premier Red Hat partner, we are experts in hybrid-cloud models and OpenShift, recognised for driving innovative solutions using Red Hat technologies.



An OutSystems Partner for Sales, Delivery and Quality Apps Program Partner, Version 1 is committed to unlocking value for our customers through low code development.



As a Snowflake Partner Version 1 enables customers to leverage Snowflake's flexibility, performance, and ease of use to deliver more meaningful data insights.

Our Public Sector Customers





Thank you

For more information, please visit our website: www.version1.com

Or contact us at: tendernotices@version1.com