



Digital Twins - Practical Projects

Digital Twins – Practical Projects

- Starting a digital twin project faces challenges including data integration & quality (from legacy systems, lack of standards), high costs, cybersecurity risks, scalability issues, ensuring real-time performance, defining clear use cases, overcoming skill gaps, and bridging the gap between physical data collection and digital modelling. Success hinges on starting small (pilots), focusing on a clear goal, using open standards, and getting buy-in across the Organisation.
- This Consulting proposition simply and cleanly helps organisations to zero-in on where digital twins could add significant business value, how practically achievable those potential user cases are and critically, helps you to prioritise and map the process of delivery.



Our Approach

- **Approximately 6-8 week Operational evaluation and Executive recommendation**
- **Pre-workshop discovery to identify/clarify organisational strategic intent**
- **BetterGov PoV on digital twins, IoT and implementation challenges**
- **As-is experience mapping; current operating model, environment, systems readiness**
- **To-be experience mapping; data ecosystem, technology infrastructure, decision-making**
- **Pain point and risk clustering, analysis and prioritisation**
- **Identify and quantify IoT-driven digital twin/product/proposition opportunities**
- **Filter and sense-check opportunities into ideas e.g Simulation Modelling**
- **Data, analytics and IoT ecosystems: 3rd party partners, vendors, components**
- **Executive Playback, Prioritised (impact vs effort) business plan and roadmap**
- **dology / approach we would take for deliver an end-to-end version of the service**

Key Benefits and Deliverables

- Aligned Business Success Metrics
- Draft Organisational Digital Twin/IoT Strategy
- Data ecosystem and governance strategy
- High level as-is and to-be experience maps
- Digital Twin opportunities backlog
- Digital Twin prioritisation and governance framework
- Innovation delivery framework; proof of concept, proof of value
- Risk, impact and ethical analysis
- High-level Digital Twin Plan – potential partners, vendors, components
- Prioritised high-level Digital Twin investment and support roadmap

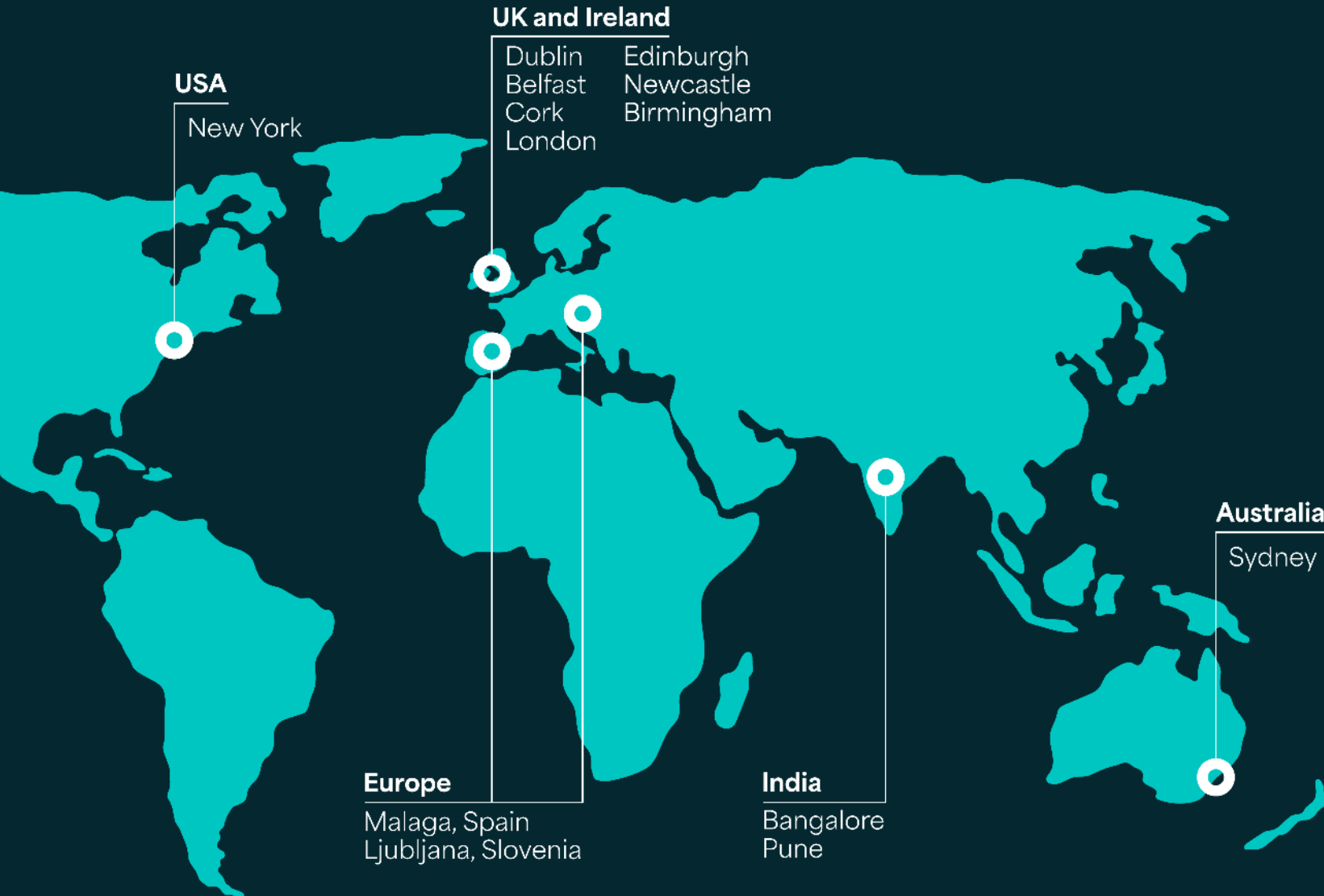
Practically applied, effective digital twins offer operational and strategic capabilities and benefits including predictive maintenance, cost reduction and enhanced efficiency by creating virtual models of physical assets for real-time monitoring, simulation, and analysis.

This enables better decision-making, faster product development, improved sustainability and optimised operations across industries from manufacturing to city planning. They allow for testing scenarios virtually, reducing physical prototypes and improving overall performance and resource management.

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.



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