

EMV CAPITAL PLC

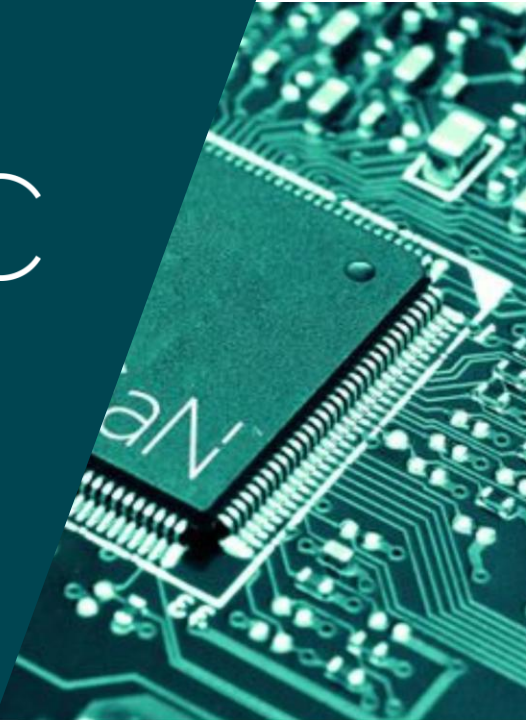
DEEP TECH | LIFE SCIENCES | SUSTAINABILITY

Virtual Meet the Portfolio

Dname-iT Holdings

Vortex Biotech Holdings

26 February 2026



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INTRODUCTION TO EMV CAPITAL PLC



Vision to be a **leading VC investment group** in the deep tech and life sciences sectors

Started from £12m AUM and 8 companies in 2020



Identifying, investing in, and building **high growth companies** in the UK and internationally



£104m+ Assets Under Management (AUM) at 30 June 2025

- £38.6m in direct balance sheet holdings
- £66.1m in managed and third-party holdings



70 portfolio companies



Building a sustainable platform to reach next milestone of **£200m+ AUM**

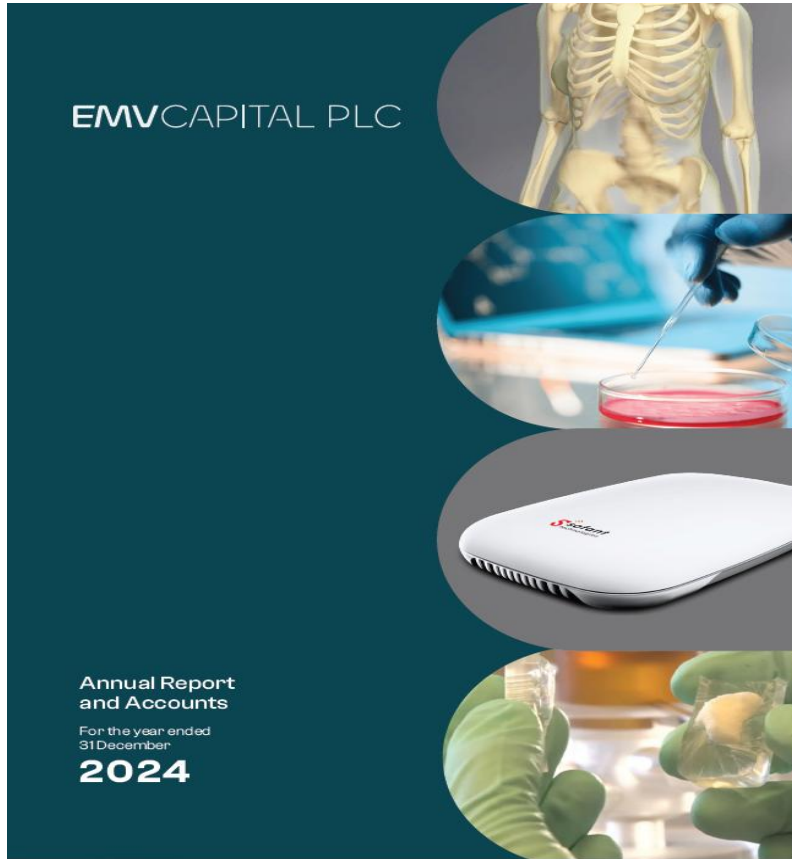


EMV Capital Partners Limited

FCA authorised fundraising and fund management practices

OPERATING MODEL: CAPITAL GROWTH

GROW VALUE OF OUR PORTFOLIO COMPANIES



VENTURE BUILDING

Selective capital efficient balance sheet investment and in-kind services to capitalise upon value opportunities

CORPORATE FINANCE

Facilitating and syndicating external funding for portfolio companies to execute growth and development

PROACTIVE MANAGEMENT

Proactive engagement with company Boards and co-investors – protecting value and driving for returns

VALUE CREATION SERVICES

Supporting a cohort of companies in protecting value and value growth

Support includes investment and exit readiness, business and financial strategy, leadership buildout, corporate collaborations

ROUTES TO EXIT

Proactive drive towards profitable cash exits (partial or full)

To deliver capital gains and carried interest from exits

EMV CAPITAL PORTFOLIO

DEEP TECH & LIFE SCIENCES – SELECTED COMPANIES

DEEP TECH PORTFOLIO

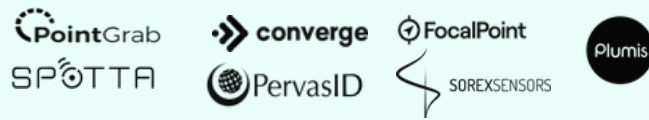
FUTURE OF COMPUTE



SEMICONDUCTORS



SENSING



AI, AUTONOMOUS SYSTEMS & ROBOTICS



NOVEL MATERIALS



SPACETECH AND SATCOMMS



LIFE SCIENCES PORTFOLIO

DRUG DISCOVERY & THERAPEUTICS



MEDTECH & DIAGNOSTICS



DIGITAL HEALTH



TOOLS & TECHNOLOGIES



EMVC VENTURE BUILD PROGRAMME: *DRIVING VALUE AND SHAREHOLDER RETURNS*

Approach

- Target IP-rich companies needing strategic direction
- Working within large/growing markets
- Restructure via direct equity (cash and/or in-kind services)
- Deploy EMV Capital shares where appropriate

Growth Support

- Syndicated third-party capital
- Value creation services (commercial, operational, exit-readiness)
- Help companies 'graduate' to access growth capital



Lab Blood Verification System

FV stake increase of £1.7m

25.9% direct, 30.2% advised



Liquid biopsy / cancer diagnostics

FV stake increase of £2.8m

22.1% direct, 13.9% advised

Capital efficient model with strong embedded upside

DName-iT

improving safety, quality and cost in patient testing

Investor Summary | February 2026

DName-iT provides molecular level assurance and cost reduction in next generation DNA sequencing for medical testing

- Modern medical DNA testing widely involves the use of Next Generation Sequencing (NGS)
- Major uses include oncology testing, pre-natal screening and inherited disease identification
- NGS operates at scale to increase efficiency
- However, **scale and high throughput introduces risk**, including including handling, sample and reagent contamination, leading to mis-identification of patient specimens and inaccurate test results
- Current mitigations for these risks are mainly procedural (tube labelling, written protocols, test duplication etc) and are expensive while still risking errors
- Mistakes increase costs for laboratories, create compliance issues and reduce confidence for payers, clinicians and patients. Test errors can have serious consequences for patient care and clinician liability
- **DName-iT produces proprietary DNA-based patient-specific 'barcodes' which provide assurance at the molecular level**



Next Generation Sequencing steps



DName-iT has a simple and compelling value proposition

Tube manufacturers



Transforms sample tubes from a commodity consumable into a differentiated quality enabling system, enabling **premium pricing**

Laboratories



Increases **quality and safety** and **reduces costs** from repeat tests without disrupting existing workflows

Healthcare systems & payers



Reduces costs and enhances **public confidence** and **traceability**

Patients



Improved **safety, confidence** and **speed** to results

The global NGS market is growing rapidly

CAGR 15-20%

Current market \$10-11billion

Oncology accounts for one third of all applications

3 million NIPT tests are carried out each year in EU and US

As NGS testing scales in volume, complexity and is decentralised; sample identity becomes as critical as analytical sensitivity.

NOVA | ADVISOR Next Generation Sequencing Market Size, 2023 to 2033 (USD Billion)

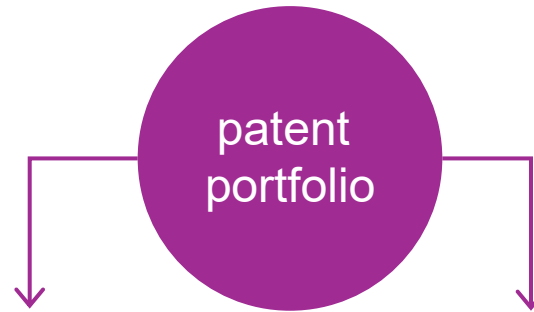


Source: www.novaoneadvisor.com

- Oncology and Non-Invasive Pre-natal Testing (NIPT) account for over 50% of all NGS use. Genetic and infectious disease screening makes up the vast majority of the rest.
- The DName-iT system is currently applicable to over 95% of all oncology methods (liquid biopsy) – this segment is the fastest growing.
- US and EU account for 75% of the liquid biopsy market. Assuming a market penetration of 15% of NGS-based tests this would equate to around 0.6 million tests per year
- 65% of NIPT methods are amenable to DName-iT methods. Assuming a market penetration of 15% of NGS-based tests this would equate to around 0.5 million tests per year

DName-iT's IP assets enable two routes to revenue

DName-iT maintains a comprehensive patent portfolio with broad claims covering the company's proprietary products and methods.



1 productisation

DName-iT has the opportunity to commercialise a differentiated assurance and identity solution for NGS testing.

This represents a long-term revenue opportunity in a global growth market.

2 patent licensing

Our analysis suggests DName-iT patented methodology is being widely used by NGS companies in violation of DName-iT's rights.

A significant historic commercial license provides precedent.

A partner is required to fund litigation.

Productisation: go to market strategy and execution plan

Progress to date:

- ✓ DNames™ manufacture proven
- ✓ Regulatory framework in place
- ✓ Comprehensive patent position
- ✓ Analytical software developed

molecular and digital layer (DName-iT control data and IP)

- Certified labs produce barcodes
- DName-iT software and sequence lists
- DName-iT specified solutions

physical manufacturing layer (tube maker control quality of hardware and brand)

- Sample tubes manufactured in partnership
- Integrated product manufactured under partner brand

- Blood collection tubes containing DNames™ barcodes
- Enriching solution
- List of DNames™ unique sequences
- Analysis software
- License to relevant patents and written protocols

product bundle

- Product packaged as a DName-iT-enabled sample tube system
- Sold to testing laboratories by sample tube manufacturer
- Co-marketing agreement

Revenue model

- Laboratory purchases from sample tube manufacturer
- Revenue split between DName-iT and sample tube manufacturer

2026 plan

The critical steps in 2026 are to complete a commercial pilot and select a tube manufacturing partner

Q1

- Design pilot
- Complete regulatory work
- Identify pilot partner

Q2

- Contract pilot partner
- Manufacture pilot tubes

Q3

- Pilot execution & evaluation
- Identify commercialisation partners

Q4

- LOI / MOU with commercialisation partner

Patent Licensing: partnering to enforce DName-iT's rights and monetise IP

- We believe (and have compelling analysis to support) that many of the multinational NGS companies are currently using methods covered by DName-iT's patents
- Royalty rates could be in the range 2 – 5% of relevant company revenue, which puts the total prize in excess of **\$150m**
- One single target licensee could generate **\$40m per annum** alone at 2% royalty rates
- DName-iT is currently negotiating with patent funding specialists
- Initial due diligence has been successfully concluded, and we expect a transaction term sheet within the next month



- Deep and unique technical knowledge
- Continued IP development
- Exhaustive and documented competitor patent and methods analysis



Litigation partner

- Track record of delivering value from IP
- Global reach & resources
- Specialist expertise in patent assertion

The DName-iT Team

Founded in late 2014 by renowned Prof. Harry Cuppens, DName-iT was spun-out from KU Leuven University, now backed by EMV Capital and has a strong team combining both world-class technical expertise and licensing experience



Prof Harry Cuppens, CSO and Founder

Following research and Professorial roles at KU Leuven, founded DName-iT. Deep industry and technical experience in genetics, biotechnology, genetic testing technologies, development of DNA and RNA technologies, next-generation sequencing, cystic fibrosis.



Dr Ilian Iliev, Board Chair

CEO of EMV Capital plc, highly experienced investor with a track record of delivering investor returns on IP-rich companies



Dr Stephen Cook, CEO

25 years experience in energy industry, working for BP plc. Led BP's IP monetization and licensing business. Led BP's scale-up and corporate venture capital group. Currently advising investment funds and has NED and Chair roles in deep-tech start-ups.



Kevin Dean, NED

40 years experience in new technology, including 20+ years in Digital Health & MedTech. Past roles include as Healthcare innovation lead for Cisco; Interim Director General, IT, NHS; NED Genomics England; Chair of three MedTech start-ups; worked with VC / Investment companies in Europe including EMV Capital, Industrifonden and Nordic Ninja VC.



Silanur Sahin, CCO

Cambridge MBA with cross-functional experience in med-tech operations and law. Specializing in scalable growth and regulatory-backed commercialization strategy. Experience in medical sample tube manufacturing.



Stephen Crowe, fractional CFO

CFO of EMV Capital plc, a commercial, growth focused and highly experienced finance leader with over 20 years in a wide range of financial institutions.



Investor Summary

CTC-Centred Service Solution for Biopharma

H1 2026 | Confidential



The Problem

90% of cancer deaths are caused by metastasis

Circulating Tumour Cells (CTCs) are a primary driver of metastasis
Early and ongoing detection of CTCs is key to successful treatment

Cancer is a Major Global Challenge

- 2022: 20M new cases, 9.7M deaths
- 2040 projection: 29.5M cases, 16.4M deaths
- CTCs are primary drivers of metastasis
- Increasingly powerful and personalized drugs - but early detection *and* monitoring during treatment critical for survival

Current Solutions Fall Short

- ctDNA: Limited to DNA fragments, no cellular context
- Tissue biopsy: Invasive, costly (\$15k-\$45k)
- Historic CTC tech: Damages cells, low purity

Market gap for detection of intact, viable CTCs

THE VORTEX SOLUTION

CTC-centred solution for biopharma clients developing personalised cancer therapies

Vortex technology platform isolates **intact, label-free and pure CTCs** from whole blood.

Vortex's core technology platform consists of:

- Patented VTX-1 Platform – a **fully automated, "no-touch" CTC isolation instrument**
- **Reagent-free cartridge** (containing an onboard micro-fluidic chip)



Efficiency:

- 60-70% cell recovery rate
- Intact cells
- Variety of cancer types



Usability:

- <2 hours processing/run time
- Fully-automated and user-friendly
- Flexible output giving a wide range of options for downstream analysis



Purity:

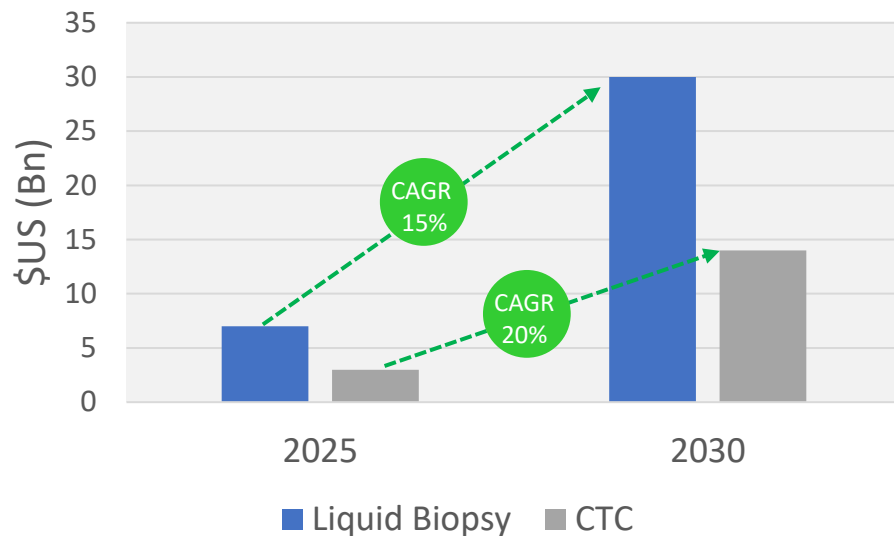
- <100 White Blood Cells per mL of blood
- Label free
- Unaltered cells



Market Opportunity: CTC-based liquid biopsy is now set to grow



Global Market Growth (\$ Bn)



Market Drivers

- **Accelerated Market Growth:**
 - Liquid biopsy market is scaling rapidly
 - Expanding multi-billion-dollar addressable markets
- **Technology-Driven Market Expansion:**
 - Shift to High-Value, Minimally Invasive Diagnostics
 - Advances in NGS, ctDNA analytics
 - AI-powered interpretation
 - Dramatically increasing test accuracy and clinical utility
- Move to premium-priced products, broader indications
- Faster penetration into oncology and therapy selection



Investment Highlights



Strategic Partnerships

TDL/Sonic Healthcare partnership & global CRO access
AstraZeneca Exchange
Axon DX (US) technology partnership
Cambridge x Manchester Innovation Partnership



International Clinical Network

UK: NHS, UCL, Manchester University
USA: University of Maryland Medical Centre
EU: Medical University Vienna, CHU Nice



Clinical Validation

3 ongoing clinical studies (200+ patients), results expected in 2026



Capital-light Manufacturing

Cost-optimized production, on-demand build capability for platform (UK)
Proven scaled cartridge production (Germany, South Korea)



IP Protection

12 granted/pending patents;
Exclusive UCLA/Harvard licenses
Design and trade secrets



Clear Path to Revenue

Service lab operational;
Pharma contracts advancing
Previously small-scale revenues from unit rental and cartridge sales



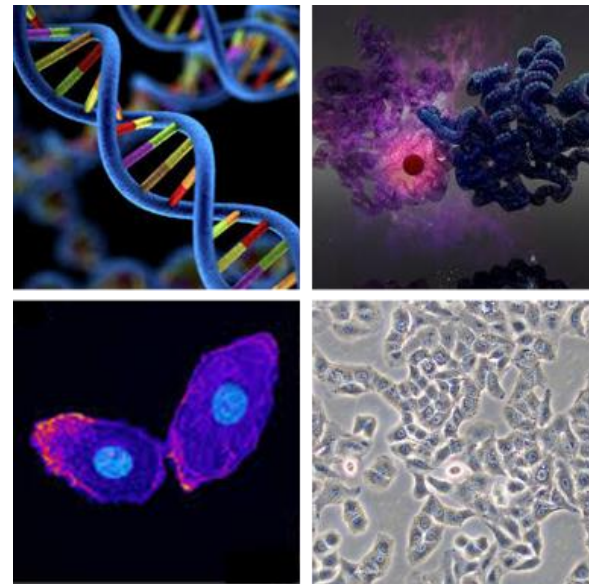
Unlocking the Holy Grail of Precision Medicine: Living CTC Cultures for Real-World Drug Development

Challenges: CTCs are extremely rare, difficult to expand, and long-term culture often causes phenotypic/genotypic drift that reduces their clinical relevance.

Vortex Solution: Vortex is uniquely gentle on CTCs, non-contact isolation preserves viability unlike competitor methods

Benefits: When successful, cultured CTCs provide renewable, patient-specific tumour models that enable individualized drug susceptibility testing and mechanistic discovery.

Drug discovery value: CTC-derived cultures capture highly metastatic, therapy resistant tumour subclones, offering unique platforms to screen drugs and identify effective combination strategies.



“Cultured CTCs provide functional models for drug susceptibility testing, enabling evaluation of therapeutic responses using patient-specific tumor cells”

Prof. Claire Hur, Johns Hopkins University, USA



Clinical Validation:

Multiple clinical validation studies planned/under way



University of Maryland

Lead: Prof. Stuart Martin
50 patients: Breast & Lung Cancer
Expanded trial, reporting Q1 2026



Medical Univ. Vienna

Lead: Prof. Robert Zeillinger
200 patients: Ovarian Cancer
Multi-year follow-up ongoing



CHU Nice, France

Lead: Prof. Paul Hofmann
50 patients: Uveal Melanoma
Completed, reporting 2026

Studies on multiple cancer types reporting out throughout 2026, with follow-on studies planned

*Near term revenue opportunities from University placements...
...Building up to clinical trial contracts*

Research Institutions

- VTX-1 instrument placement
- £130k per unit / £4k monthly rent
- Recurring cartridge sales (1,000s units)
- Target: KOL labs & Research Centres
- Data analytics opportunity from CTC databank

Pharma, CROs, Path Labs

- Vortex service lab (Manchester, UK)
- Biomarker assay development: £200k-£500k
- Clinical trials (P1-P3): £1,025/sample
- Expected revenue: £800k-£1.2M per P1 trial
- Workflow deployable in partner labs



Strategic Partnerships

TDL / Sonic Healthcare

Global Laboratory Partner

VTX-1 installed at TDL (London); Access to global Sonic network



AstraZeneca

Pharma Development

Technology assessment 2026; AZ Exchange program participant



Manchester Knowledge Quarter

NHS & Academic Access

10 hospitals, 3M patient data, 40k health/life science students



Vortex is engaged with partners to gather evidence, integrate downstream applications, and build a customer base



Commercial Pipeline

Advanced discussions with leading pharma and CROs

Leading UK/EU Pathology Lab

Pilot Q1 2026, VTX-1 installed

Global Healthcare Consulting Firm

Clinical expert network engagement

Multiple Pharma Companies

R&D integration discussions



THE DOCTORS LABORATORY

Strategic Global Partnership with TDL, Sonic Healthcare, UCL
Vortex workflow installed in The Doctors Laboratory facilities. (Halo Building, London)

Workflow validation and strong potential for expanded market reach into contracts with CRO's and Big Pharma

The Doctors Laboratory (TDL) is a key part of Sonic Healthcare, one of the world's largest clinical diagnostics groups with extensive operations across Europe, North America, and Australasia. TDL sits within a multinational network of over 1,400 specialist pathologists and advanced laboratories, enabling it to deliver high-volume, high-complexity diagnostics at scale



Commercial Roadmap

- Q1 2026** TDL/Sonic partnership; Manchester labs opened, first clinical study results
- Q2 2026** VTX-1.5 production scale-up; Cost optimization
- Q3 2026** Additional study readouts, AstraZeneca Tech assessment
- Q4 2026** Pharma/CRO pilot initiations; Validated VTX-1.5
- 2027+** Scale service delivery; Series A positioning, Strategic exit discussions



Exit Strategy

Active M&A market with strategic acquirers across multiple categories

- ✔ CTC Technology Companies
- ✔ ctDNA Liquid Biopsy Players
- ✔ Laboratory Service Providers
- ✔ Pharmaceutical Companies
- ✔ Single Cell Specialists
- ✔ Medical Instrument Manufacturers
- ✔ CRO Companies

Recent Transactions: \$390M-\$23B (Exact Sciences/Thrive, Illumina/Grail, NeoGenomics, ArcherDX)



Leadership Team



Nigel Brooksby

Non-Executive Chairman

Former Chairman/CEO Sanofi UK. Senior roles: Sanofi, GSK, Pfizer. Deep global pharma network



Paul Reeves

Managing Director

20+ years diagnostics/MedTech. Led R&D at VetPlus, Arcis, QIAGEN (Therascreen® FDA approval). PhD + MBA.



Dr Ilian Iliev

Investment Director

CEO EMV Capital PLC. Experience in high-growth tech, IP strategy, diagnostics, institutional investors.



Jacqueline Hall

VP, Offering Development

20+ years in genomics/clinical research, Deep expertise in using data to improve patient outcomes



Kevin Dean

Strategy Advisor

30+ years in healthcare. Former Innovation Director, Cisco. Former NED, Genomics England, Senior Fellow, RAND Europe.



John Matthews

VP, Clinical Operations

30 years in pharmaceutical/CRO sector. Led large global, inspection-ready clinical trials



Liquid biopsies are leading us into a new era of personalised cancer care

Professor Peter Johnson CBE

NHS National Clinical Director for Cancer, June 2025

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