



# Emergent Systems Consulting

Specialist digital health consultancy — bridging science, AI, and regulated software

*We close the gap between science, AI, software engineering, and safe regulated products — so digital health innovators can realise the value of their ideas, attract investment, and create meaningful impact in healthcare.*

## Who we help

Digital health innovators — founders, CTOs, and technical leaders at healthtech and life-science organisations, primarily Seed to Series B, building regulated, AI-enabled software where scientific rigour, engineering craft, and regulatory pathway must all line up to succeed.

## What we do

Emergent Systems closes the technical translation gap — connecting scientific insight, AI/ML judgement, software architecture, regulatory pathway, and investor narrative into a single coherent technology strategy. Most teams have world-class science or world-class engineering, rarely both, and almost never with the regulatory fluency that SaMD demands. That gap is where good digital health companies quietly fail.

## Services

Service	What you get
<b>Fractional CTO — Digital Health</b>	Senior technical leadership on retainer (1–3 days/week): strategy, architecture, hiring, investor and board cover.
<b>Technology Strategy Sprint</b>	4–6 week engagement: tech strategy, architecture diagrams, investable roadmap, risk register, and a working proof-of-concept.
<b>Technical Due Diligence</b>	2–3 week technical, AI/ML, regulatory, and team evaluation for VCs and acquirers. Written report + Q&A memo.
<b>SaMD &amp; Regulated Software Advisory</b>	Focused advisory on software design, quality system, and evidence generation for clinical-grade software.
<b>Board Technical Advisor</b>	Independent technical voice at board level; quarterly sessions + interim memos.

*Also available: AI Integration Strategy · Health Data & Platform Architecture · Scientific → Software Translation · Innovate UK Grant Technical Advisory.*

*Engagements scaled to stage and scope, from pro-bono and reduced-fee arrangements for mission-aligned early-stage innovators, through to full commercial rates for funded organisations. Happy to discuss options.*

## Why Emergent Systems

Led by **James Siddle** — a practitioner who combines, in one advisor, the disciplines that digital health usually splits across four people:

- SaMD products and clinical trials delivered at **Closed Loop Medicine**, with successful Innovate UK grants to the company's name.
- Personalised health platform architecture at **Our Future Health** (population-scale UK cohort).
- AI/ML product leadership for drug discovery as Product Manager at **BenevolentAI** — data mining, knowledge graphs, and applied ML turned into tools for biologists.
- Technical due diligence on a platform acquisition (**Lean Library**).
- MSc Software Engineering, **University of Oxford**. Inventor; published in digital health.

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