

Architecture Services

For Care Service Providers

Care Homes • Domiciliary Care • Supported Living • Extra Care

Enterprise Architecture • Solution Architecture • Technology Architecture
Data Architecture • Business Architecture • AI Strategy

Supporting your transformation journey end-to-end—from business case development through RFP creation, vendor selection, solution blueprint design, and ongoing governance.

LASHAN Digital

Digital & Data Transformation Consultancy and Delivery Partner

info@lashan.digital | <https://lashan.digital>

January 2026

Executive Summary

UK care providers face significant pressure to transform digitally. CQC's single assessment framework, mandatory digital social care records, workforce challenges, and rising expectations from residents and families demand modern digital capabilities. Yet most care organisations lack the internal architecture capability to navigate this complexity effectively.

LASHAN Digital delivers vendor-agnostic architecture services spanning the full spectrum of architecture disciplines—Enterprise Architecture, Solution Architecture, Technology Architecture, Data Architecture, and Business Architecture. Our sector understanding and accelerators enable organisations to establish architecture capability in weeks rather than months.

We support you throughout your entire digital transformation journey—from business case development through RFP creation, vendor selection, solution blueprint design, and ongoing governance.

Core Architecture Capabilities

LASHAN Digital provides the full spectrum of architecture disciplines required to guide digital transformation, each adapted for the unique needs of the care sector. Our services are vendor and technology agnostic—we provide independent advice focused on your organisation's needs, not vendor relationships.

Enterprise Architecture

Strategic alignment of business strategy and IT investment. We establish the architectural foundations that enable coherent, governed transformation across your organisation. This includes capability modelling and maturity assessment, target operating model design, architecture roadmaps and transition planning, governance frameworks and architecture principles, and lightweight frameworks and methodologies adapted for care.

Solution Architecture

Designing solutions for specific business challenges—whether care management system selection, rostering transformation, CQC compliance, or family portal implementation. Deliverables include solution blueprints and high-level designs, integration patterns and API design, component selection and vendor evaluation, non-functional requirements specification, and migration and transition architecture.

Technology Architecture

Defining the infrastructure, platforms, and technical capabilities that underpin your digital care services. This covers cloud strategy and platform selection, productivity and collaboration platform design, integration middleware and API management, security architecture and identity management, and infrastructure patterns and mobile enablement.

Data Architecture

Establishing the data foundations for analytics, reporting, and AI. Our solutions can be configured/extended to support care sector requirements including DSCR standards. This includes resident data models, master data management and data governance, data platform design and technology selection, integration patterns for clinical data and interoperability, reporting structures, and data quality frameworks.

Business Architecture

Bridging strategy and execution through structured analysis of capabilities, processes, and organisational design. This encompasses capability mapping and gap analysis, value stream design for care delivery, process architecture for care operations, stakeholder mapping and RACI frameworks, and operating model design.

Service Features and Benefits

Discipline	Features	Benefits
Enterprise Architecture	Capability modelling, maturity assessment, target operating model design, architecture roadmaps, governance frameworks, architecture principles, lightweight frameworks and methodologies	Aligned IT investment with business strategy. Clear roadmap for transformation. Reduced duplication and waste. Consistent decision-making through governance. Foundation for coordinated change.
Solution Architecture	Solution blueprints, high-level designs, integration patterns, API design, component selection, vendor evaluation, NFR specification, migration architecture	Solutions that meet business requirements. Reduced implementation risk. Clear technical direction for delivery teams. Informed vendor selection. Smooth transitions from legacy systems.
Technology Architecture	Cloud strategy, platform selection, productivity platform design, integration middleware, API management, security architecture, identity management, mobile enablement	Scalable and secure infrastructure. Reduced operational costs through cloud adoption. Integrated systems through middleware. Protected data through security controls. Sustainable platform for growth.
Data Architecture	Resident data models, master data management, data governance, data platform design, integration patterns for clinical data, reporting structures, data quality frameworks	Single source of truth for reporting. Improved data quality. Platform can be configured/extended to support statutory submissions. Foundation for analytics and AI. Reduced manual data handling.
Business Architecture	Capability mapping, gap analysis, value stream design for care delivery, process architecture, stakeholder mapping, RACI frameworks, operating model design	Clear understanding of current capabilities. Identified improvement priorities. Optimised care processes. Defined roles and responsibilities. Operating model aligned with strategy.

End-to-End Digital Transformation Support

Unlike consultancies that engage at single points in the transformation lifecycle, LASHAN Digital partners with you throughout your entire journey. Our architecture team provides continuity, consistency, and accumulated knowledge from initial concept through to operational capability.

Stage	Architecture Contribution	Your Outcome
-------	---------------------------	--------------

Business Case	Current state EA assessment, technology landscape review, capability gap analysis, CQC readiness evaluation, investment justification	Funded transformation with clear scope and benefits
RFP Creation	Technical requirements, non-functional specs, integration requirements, evaluation criteria, vendor questionnaires	RFP that attracts quality vendor responses
Vendor Selection	Response evaluation, technical due diligence, reference site visits, proof of concept design, contract negotiation support	Confident vendor selection with managed risk
Solution Blueprint	Target solution architecture, detailed design, security architecture, transition roadmap	Clear technical roadmap with defined deliverables
Delivery Governance	Architecture review boards, design authority, technical design decisions, change impact assessment, quality gates	Controlled delivery with architectural integrity
Ongoing Governance	Standards management, technology radar, architecture debt tracking, continuous improvement	Sustained architectural standards post-delivery

Architecture Accelerators: Weeks, Not Months

Traditional architecture engagements take months to establish baseline architecture capability and deliverables. Our sector-specific accelerators across all architecture disciplines compress this timeline:

Accelerator	What's Included	Time Estimated
EA Reference Models	Care capability maps, target operating model templates, governance frameworks, architecture principles	8-12 weeks
Solution Patterns	Care management integration patterns, rostering workflows, medication management patterns, family portal designs	8-12 weeks
Technology Blueprints	Cloud landing zones, productivity platform configurations, integration middleware patterns, security reference architectures	8-12 weeks

Data Architecture Kits	Resident data model templates, quality metrics frameworks, reporting templates that can be configured/extended to support your requirements	8-12 weeks
BA Assessment Platform	CQC-aligned maturity scoring across Safe, Effective, Caring, Responsive, Well-Led, and Business Operations domains	8-12 weeks

Note: All timelines are estimates. Actual timelines will be confirmed following an initial assessment of your organisation's specific context, complexity, and requirements.

Tooling: Business Architecture Assessment Platform

One of our accelerators is the proprietary Business Architecture Assessment Platform—a digital tool used during discovery phases to assess capability maturity, identify gaps, and prioritise improvements. We use this platform as part of our engagements to reduce assessment time and provide consistent, structured outputs. The platform includes:

Dashboard: CQC-aligned maturity scoring across Safe, Effective, Caring, Responsive, Well-Led, and Business Operations domains

Capability Explorer: Detailed capability hierarchy with Safeguarding, DoLS, Medicines Management, Infection Control and more

Value Streams: Referral to Admission journey showing process stages, systems, personas, and bottlenecks

Stakeholder Map: RACI responsibilities across Registered Manager, Clinical Lead, Care Assistants, and other care roles

AI Strategy and Architecture

Our architecture services extend to designing and implementing AI-enabled solutions for care. For AI initiatives, we follow a structured approach that ensures proper foundations are in place before technology selection—with human-in-the-loop for clinical decisions:

- 1. AI Strategy Development:** Aligning AI ambitions with business objectives, CQC requirements, and resident needs
- 2. AI Maturity Assessment:** Evaluating current capabilities across data, technology, process, and people dimensions
- 3. AI Governance Framework:** Establishing decision-making structures, ethical principles, and standards for responsible AI in care settings
- 4. Data Foundations:** Defining data architecture, governance, and quality frameworks to enable AI/ML workloads
- 5. Integration Architecture:** Designing how AI services connect with existing systems and operate within your ecosystem
- 6. Ongoing AI Governance:** Sustaining model performance, bias monitoring, and continuous improvement

Areas of AI Application in Care:

CQC Documentation: Evidence gathering, quality statement mapping, inspection preparation

Care Planning: AI-assisted care plan creation, risk assessment

Medication Management: MAR chart analysis, interaction checking, administration monitoring

Workforce Optimisation: Intelligent rostering, demand prediction, skills matching

Resident Wellbeing: Activity monitoring, fall prediction, early intervention alerts

Sustainable Digital Transformation

Our Sustainable Digital Transformation Framework ensures every architecture decision delivers value across People (residents, families, staff), Planet (environmental impact), and Prosperity (financial sustainability). ESG considerations are integrated into technology selection, solution design, and operational architecture.

Service Delivery Models

Architecture as a Service (AaaS)

Retained architecture capacity across EA, SA, TA, and DA disciplines. Typically 2-4 days/week providing reviews, governance, design authority, and standards management.

Transformation Programme Support

Dedicated architecture teams integrated with your programme—full lifecycle from business case through delivery governance and hyper-care.

Strategic Advisory

Executive-level guidance on digital strategy, care system selection, technology roadmaps, and board-level architecture reporting.

About LASHAN Digital

LASHAN Digital is a digital and data transformation consultancy and delivery partner with expertise in UK care providers. With over 20 years of enterprise architecture experience, we help care organisations navigate complexity, adopt emerging technologies responsibly, and deliver lasting transformation that improves resident outcomes.

Our Expertise: Enterprise Architecture • Solution Architecture • Technology Architecture • Data Architecture • Business Architecture • AI Strategy—adapted for care. Our solutions can be configured/extended to support CQC requirements, DSCR standards, and integration with care management systems.

Vendor Agnostic: We provide independent, unbiased advice. Our recommendations are based on your organisation's needs, not vendor relationships. We work across all major technology platforms and can support any technology selection process.

Start the Conversation

Ready to establish architecture capability in weeks, not months?

info@lashan.digital

<https://lashan.digital>

LASHAN Digital | Digital & Data Transformation Consultancy and Delivery Partner |