



AireBlocks

A flexible, low-code, AI-ready platform for building secure, integrated digital solutions

Service definition





Introduction

AireBlocks is a low-code, AI-ready platform that enables organisations to design, build, and deploy digital solutions quickly and securely. It supports the modernisation of processes, automation of workflows, system integration, and the transformation of data into actionable insight, without heavy development effort or long delivery cycles.

Designed for health and care and adaptable across other public sector environments, AireBlocks enables rapid transformation while maintaining strong governance, security, and compliance.

Overview

Organisations face increasing pressure to improve efficiency, respond to rising demand, and modernise services, often within complex and fragmented digital environments. Traditional software development approaches can be slow, costly, and dependent on scarce specialist resources.

AireBlocks provides a flexible low-code platform that allows organisations to respond faster. Teams can design and adapt digital solutions that streamline workflows, automate approvals, capture structured data, and connect multiple systems. Solutions can be prototyped, tested, and deployed in days rather than months, supporting continuous improvement rather than one-off change.

AireBlocks is already used at scale to manage millions of transactions and processes, supporting complex IT environments and enabling measurable improvements in efficiency, accessibility, and service delivery

Key Capabilities

Rapid Low-Code Solution Development

- Design workflows, forms, and applications using intuitive, drag-and-drop tools
- Reduce reliance on specialist development resources
- Adapt solutions quickly as operational needs change

Workflow Automation and Intelligence

- Automate complex processes, approvals, and service pathways
- Apply AI assistance to support workflow optimisation and intelligent decision-making
- Practical AI tools include:
 - AireForms: Start with a template, generate a form automatically, then tweak it to your exact requirements
 - AireFrame: Analyse and summarise individual patient records in seconds, surfacing the most relevant clinical details at a glance
 - AireFrame (at scale): Analyse entire patient cohorts by asking intuitive questions and receiving actionable answers quickly
- Gain real-time insight from structured and unstructured data



Integration and Connectivity

- Connect systems and data sources through a secure, flexible integration framework
- Work seamlessly with AireBlocks core solutions including AireFlow, AireForms, AireFrame, and AireGlu
- Enable efficient information flow across teams, organisations, and regions

Empowering Teams

- Enable both technical and non-technical users to contribute to solution design
- Support rapid experimentation through low-risk prototyping
- Align digital change closely to frontline and operational needs

Security and Compliance

- Enterprise-grade access controls, audit trails, and encryption
- Hosted on AWS for resilience, scalability, and reliability
- Supports GDPR, ISO standards, NHS DSPT, and other regulatory requirements where applicable

Benefits

- Accelerate transformation: Build and deploy solutions faster, with AI-assisted form creation and workflow optimisation
- Empower teams: Low-code design plus AI tools enable staff at all levels to innovate and adapt solutions quickly
- Enhance insight: AI surfaces actionable intelligence from individual records or across patient populations
- Improve efficiency: Automate repetitive tasks and reduce manual effort, freeing teams to focus on what matters
- Integrate with confidence: Connect systems without increasing complexity
- Scale securely: Maintain governance, auditability, and compliance as services grow
- Reduce cost: Achieve meaningful change at a fraction of the cost of traditional software

Core Platform Modules

AireBlocks is delivered through a set of modular core services. Each module can be procured and used independently or combined to deliver end-to-end digital solutions across health and care and wider public sector services.

AireForms

A digital forms and data capture solution that enables organisations to securely collect structured information from patients, citizens, and professionals. Forms are configurable to local workflows and support accessibility, usability, and integration with existing systems.



AireFlow

A workflow and process automation solution that coordinates tasks, decisions, and processes across teams and systems. It supports complex, long-running processes and pathways, providing visibility, auditability, and operational control.

AireGlu

An integration and interoperability solution that connects applications, systems, and data sources using open and healthcare standards. It enables reliable, secure data exchange and supports rapid change without dependency on release cycles.

AireFrame

A configurable digital platform that complements core systems and adapts to specialist service needs. AireFrame enables organisations to digitise records, templates, dashboards, and workflows exactly to their requirements while integrating seamlessly with existing and legacy systems. The platform supports role-based access, mobile-first deployment, and analytics to improve collaboration, operational efficiency, and service delivery.

These modules share a common low-code foundation, security model, and hosting environment, allowing organisations to scale usage, adapt solutions, and maintain governance while responding quickly to changing requirements.

Additional Platform Capabilities

AireBlocks can be extended with a range of optional capabilities to support common operational and governance needs. These include AireBook for booking and scheduling, data enrichment and processing services to improve data quality and insight, and AireIdentity to enable secure single sign-on and role-based access.

The platform also supports automated testing and assurance, alongside audit and governance capabilities that provide traceability, compliance reporting, and operational oversight. Additional capabilities can be introduced as needs evolve, allowing organisations to extend the platform over time without increasing complexity.

Transform at Speed

AireBlocks brings agility, intelligence, and connectivity to digital transformation. By combining low-code design, AI capability, and secure integration, it enables organisations to continuously improve how they work—delivering better outcomes for staff, service users, and the wider system.



Implementation

Managing change and requirements

Our first priority is to gather a comprehensive understanding of your organisation's requirements to implement AireBlocks and manage change. Our team will be fully accessible and in regular contact with stakeholders across the organisation to meet the developing health and care needs and AireBlocks requirements.

Depending on the scale of the implementation we can support/complement internal resources with our own business analysts, project managers and software engineers.

We can mobilise a skilled delivery team quickly when a contract has been awarded, experienced in implementation and change management. We'll work collaboratively with you to validate and confirm deployment requirements. This ensures that our team can work with teams as soon as possible to draw on their practical experiences, raise awareness of AireBlocks functionality and identify minimum delivery requirements that can be iterated on.

At the start of the project, we'll work with key stakeholders from the organisation to discuss the flexible deployment options and ensure we have captured the requirements.

Development of solutions

Requirements are studied on a case-by-case basis, and we produce a solution which is fitting to the technical landscape. With our long-term background in healthcare we are familiar with a wide range of healthcare systems standards and protocols and are often drawn upon to consult on how to best develop a holistic piece.

Training

Our training can cover a number of elements of the deployment of AireBlocks from the business process considerations for the deployment through, design requirements, through to maintenance and operation of the solution.

The aim of the training is to ensure that where a customer requires training in any of these items they understand how the solution can be utilised to meet their workflow and pathway requirements.

End user training is rarely needed as the resulting solutions are easy to use and very intuitive by nature. However we can support any training that is required.



Hosting and technical requirements

AireBlocks is delivered as a fully hosted solution through our trusted partner, AWS, providing the highest levels of security and compliance. The platform is browser-based and accessible via any modern browser, including Chrome, Edge, Safari, and Firefox, without the need for additional extensions.

In line with our open platform policy, AireBlocks includes open APIs, allowing integration with a wide range of other systems and solutions. This flexibility ensures that clients can connect AireBlocks with existing technology and adapt it to meet evolving local requirements.

Support

Aire Logic provides comprehensive technical support for AireBlocks following implementation. Our support team is available between 8:30am and 5:30pm, reachable by telephone or email. All support requests are logged and tracked through our JIRA-driven support desk, ensuring timely updates and resolution in line with agreed service level agreements.

Our approach is underpinned by a continuous improvement ethos, with AireBlocks regularly updated to meet evolving requirements and to reflect new needs identified by clients. In addition to technical support, we offer dedicated account management to review system performance, discuss new features, and explore opportunities to extend the use of the platform, ensuring clients can make the most of AireBlocks over time.

About us

Aire Logic is a health tech consultancy that partners with the NHS, public sector and life sciences organisations to deliver meaningful, measurable digital transformation.

We work best with forward-thinking teams who value collaboration, seek sustainable impact, and are ready to do things differently. Many organisations struggle with siloed systems, limited in-house capability, and overwhelming technical debt — that's where we come in. As a trusted, independent enabler, we co-design and build simple, scalable infrastructure that empowers patients, improves outcomes, and makes staff lives easier.

Employee-owned and B-Corp certified, we prioritise societal value over profit. We invest in open, reusable solutions and always act in the best interests of our partners. Whether we're supporting local trusts or shaping national programmes, our teams leave our customers in a better place than where we found them.

We don't just deliver software. We enable change, and help create a more connected, proactive, and sustainable health and care system.