

AireFrame

Configurable low-code platform
for secure digital services

Service definition



Introduction

AireFrame is a flexible, low-code digital platform that complements existing core systems, enabling organisations to rapidly configure and deploy secure, connected digital solutions. Designed for health and care and adaptable across other public sector environments, AireFrame helps teams digitise records, standardise workflows, and improve operational efficiency while maintaining governance, security, and compliance. AireFrame is AI-ready, enabling organisations to harness intelligent insights and support evidence-based decision-making alongside core digital record functionality.

By providing a centralised, configurable platform for data capture, workflow management, and user collaboration, AireFrame empowers organisations to deliver safer, more connected services while reducing administrative burden.

Overview

Organisations face growing pressure to modernise services, improve efficiency, and respond to increasing demand, often within fragmented and complex digital environments. Traditional systems can be slow, rigid, and require extensive IT support.

AireFrame provides a flexible, low-code platform to tackle these challenges. Teams can deploy configurable digital records, dashboards, workflows, and reporting solutions quickly, and scale functionality to meet evolving operational needs.

By integrating with other AireBlocks core modules—AireForms, AireFlow, and AireGlu—AireFrame enables end-to-end digital solutions that support data capture, process automation, interoperability, and operational insight.

Organisations already using AireFrame manage millions of records and transactions, connecting multiple IT systems and delivering measurable improvements in efficiency, visibility, and outcomes.

Key Capabilities

Configurable Digital Records

- Digitise patient, citizen, or service data to align with workflows and compliance requirements.
- Store structured data, including assessments, care plans, consent, treatments, and outcomes.
- Enable role-based access to provide timely, secure information to staff and service users.

Workflow and Task Management

- Automate long-running and complex workflows in clinical, administrative, or operational processes.
- Assign tasks, trigger notifications, and monitor progress to maintain operational control.
- Capture a historical timeline of activities for audit, insight, and risk reduction.

Integration and Interoperability

- Connect securely to core EPRs, PAS, legacy systems, or national services via open standards (HL7, FHIR, REST).
- Work seamlessly with AireForms, AireFlow, and AireGlu for end-to-end solution delivery.
- Maintain loose coupling between systems, enabling rapid adaptation to changing organisational requirements.

AI-Enhanced Insights

- Leverage AI-assisted features to surface key information, summaries and support decision making
- Generate intelligent recommendations from structured and unstructured data to optimise workflows.
- Integrates with AI services to extend analytics, natural language processing, or predictive modelling as needed

Analytics and Insight

- Access real-time dashboards, alerts, and reports to support operational decision-making.
- Analyse trends across departments or services to improve efficiency and service delivery.
- Standardise data collection and reporting for internal and external monitoring.

Low-Code Adaptability

- Configure and extend records, workflows, and interfaces without extensive coding.
- Prototype, test, and deploy updates rapidly to keep pace with evolving requirements.
- Enable both technical and non-technical staff to contribute to digital change.

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

- Improve outcomes: Access holistic, accurate data to support safer, more informed decision-making.
- Enhance efficiency: Reduce manual work, duplication, and administrative burden.
- Empower teams: Enable staff at all levels to configure and extend solutions to meet local needs.
- Smarter decisions: Gain actionable insights from AI-assisted analysis to improve outcomes and operational efficiency.
- Ensure compliance: Maintain governance, auditability, and regulatory standards.

- Scale with confidence: Start small and expand across services or departments without large upfront investment.
- Support integration: Connect with existing systems and future digital initiatives seamlessly.

AireBlocks

AireFrame is part of the AireBlocks platform and works together with the other core modules to deliver end-to-end digital solutions:

AireForms

- Configurable forms for secure, structured data capture from patients, staff, or citizens.
- Populates records in AireFrame, ensuring consistent, workflow-aligned data.

AireFlow

- Automates workflows, tasks, and approvals across teams and systems.
- Integrates with AireFrame to manage complex, long-running pathways and administrative processes.

AireGlu

- Connects AireFrame to internal and external systems using open standards.
- Enables secure, reliable, and scalable data exchange without dependency on release cycles.

This modular approach allows organisations to deploy individual modules independently or combine them for fully integrated solutions, maintaining flexibility, security, and control while scaling services.

Transform at Speed

AireFrame brings agility, intelligence, and connectivity to digital transformation. By combining configurable digital records, workflow automation, and secure integration, it allows organisations to rapidly deploy solutions that improve efficiency, enhance collaboration, and deliver better outcomes for staff, service users, and patients.

Implementation

Managing change and requirements

Our first priority is to gather a comprehensive understanding of your organisation's requirements to implement AireFrame 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 AireFrame 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 AireFrame 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. Wherever possible, we work using an agile methodology and encourage our customers to work to a proof of concept, minimum viable product and refine as further detail becomes available.

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 AireFrame PMO 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. For example, where complex forms need training support to be given locally.

Hosting and technical requirements

AireFrame PMO 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, AireFrame PMO 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 Innovate provides comprehensive technical support for AireFrame 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 AireFrame 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 AireFrame over time.

About us

Aire Innovate was founded to transform digital innovation in health and care. Drawing on the expertise of our sister company, **Aire Logic**, which has delivered over 1,000 IT projects across national programmes, regional initiatives, ad hoc innovations, and pro bono work, we bring deep knowledge of healthcare systems and digital transformation.

Our low-code platform, **AireBlocks**, allows teams to build, connect, and adapt solutions precisely to their needs. Unlike off-the-shelf software, it supports rapid innovation, flexible scaling across regions, and local configuration, enabling organisations to respond quickly to changing clinical, operational, and regulatory requirements.

Mission & Vision

We empower health and care teams to take control of digital transformation, turning plans into reality, accelerating innovation, and improving outcomes for patients and staff.

Values & Expertise

We focus on meaningful impact, supporting our people, and delivering trusted, reliable solutions. AireBlocks combines secure system integration, tailored workflows, and robust governance to deliver high-quality, scalable healthcare solutions efficiently.