aidoc

AIDOC. ALWAYS ON.

Connecting all points of care.

ARTIFICIAL INTELLIGENCE IN HEALTHCARE – WHY NOW?

Multiple factors are contributing to operational challenges for health systems in the United Kingdom and Ireland.

Rising costs

- Hospital budgets are challenged by inflation, long-term funding shortfalls and rising energy costs[1]
- In 2022, UK health systems spent £223 million managing excess reporting demand, up £45M from 2021[2]

Increased demand

- By 2027, an extra 3365 radiologists will be required to meet the demand for diagnostic imaging[2]
- At the start of 2023, 92.3% of general and acute beds were occupied - the highest in five years[3]
- The number of diagnostic tests performed has increased by 75% since 2010[3]

Risk to care quality

- Only 24% of clinical directors believe they have sufficient radiologists to deliver safe and effective patient care[2]
- In 2020-2021, over 4500 patients died due to ED overcrowding and extended 12-hour stays[4]

AI can—and should—play a crucial role as a solution for both short- and long-term enhancements in operational performance and the delivery of high-quality care to patients.

Now is the time to realise the transformational power of healthcare AI.

AIDOC: ENABLING HUMAN WORKFLOWS

Aidoc is the only solution that delivers an always on connected system of intelligence that advances care through enhanced AI when and where you need it.

Identification
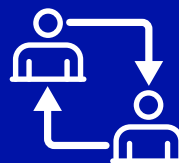Understand and see suspected findings from available data sources

Care Coordination
Single platform solution enables collective action across service lines immediately

Triage
Know which cases to prioritise to enable timely clinical decision making

Follow Up
Track progress to improve outcomes throughout the patient life cycle

Delivered through a comprehensive, secure and scalable enterprise platform.

EFFECTIVE AI = CONNECTED SYSTEM OF INTELLIGENCE

AI strategies have primarily focused on a single department or use case that fails to realise enterprise-wide value. To be effective, your AI solution should be:

Single Platform:
Providing the ability to integrate applications across specialties versus managing separate solutions requiring different platforms

Scalable:
Purpose-built to coordinate and deploy algorithms and applications across single institutions and networks

Seamless:
Integrates with native workflow and IT infrastructure (PACS, EHR, RIS, scheduling etc)

Secure:
Compliant with security and privacy regulations and standards

Measurable:
Tailored to provide data-driven insights and ROI

Why Always On?

Aidoc is the only company with technology that knows to identify all anatomy present in an image. The aiOS™ no-click interface automatically matches relevant algorithms to the potential pathologies, which enables you to identify both the expected and unexpected.

Aidoc is the active, intelligent layer supporting physician decision-making at all points of care.

DELIVERING AN ENTERPRISE PLATFORM - MEET AIDOC'S aiOS™

As a developer of AI solutions at our core, we recognised the only way for a facility to optimise its AI investment was with a unified operating system that fits within an existing IT stack, runs effectively in many different clinical settings and orchestrates numerous AI applications at once.

By helping to overcome challenges common to AI implementation, including unstructured data, staff capacity, ROI measurement and siloed organisational structures, Aidoc's aiOS™ is what differentiates us from other healthcare AI vendors and can elevate your AI solution from one or two use cases into an enterprise-level technology innovation.

Why Your AI Platform Should be Powered by aiOS™

	With aiOS™	Without aiOS™
Always on AI	●	
Coordinate care across service lines	●	√
Near instantaneous addition of new AI functionality	●	
Seamless integration into radiology workflow	●	
Ability to integrate into PACS	●	√
EHR and scanner-vendor agnostic	●	
Uses AI to automatically flag suspected abnormalities	●	
Automatically applies multiple algorithms	●	
Monitoring infrastructure for continued performance	●	

Solutions covering 75% of your patient population:

- Cardiovascular
- Emergency Department
- Radiology
- Neurosciences
- Critical Care
- Women's Health

Our AI Application Partners

Aidoc's 20+ UKCA-marked algorithms and established strategic partnerships with other leading developers provides a suite of robust clinical solutions, all deployed seamlessly from Aidoc's aiOS™.

GLEAMER   SCREENPOINT Medical   SUBTLE MEDICAL   US2.AI Ultrasound Anyone Anywhere   Riverain TECHNOLOGIES   icometrix MEASURABLY BETTER   imbio

THE AIDOC DIFFERENCE: ALWAYS ON FOR PATIENT OUTCOMES

At Aidoc, we provide clinical AI solutions to support accelerated, accurate decision-making leading to collective action across service lines to deliver timely care interventions that benefit health systems, clinicians and patients in numerous ways.
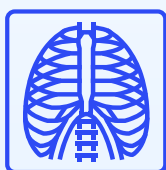
Impacting Health Systems and Patients

Proven Value Across the Workflow
96%
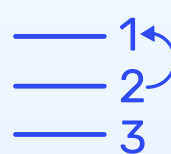Solution Accuracy Across Multiple Facilities

Improve Quality of Care
2M
Patients Analysed Each Month

Expedite Patient Treatment
36.6%
Improvement in Turnaround Time

Prioritise Urgent Cases
5 MIN
From Scan to Notification

Why Aidoc
- Used in more than 1,000 medical centres
- 20+ UKCA-marked AI modules
- 100+ clinical studies
- Exclusive aiOS™
- 75% of employees in AI development
- 2x Minnies Winner: Best in Radiology Software (2019, 2022)

Supported Every Step of the Way
Our customer success team is by your side from day one
- Providing extensive user training
- Ongoing feedback sessions to constantly improve performance
- Defining and measuring performance, engagement and value metrics
- Supporting clinical research initiatives
- Driving hospital-wide adoption and improvements

"AIDOC's iPE system is a perfect example of AI tailored to a clear, specific clinical need. Through a simple integration into our existing clinical systems and pathways, we've been able to demonstrate the potential of AI with significant improvements to patient safety and care."

**Andrew Scott,
Imaging IT Systems Manager,
Milton Keynes University Hospital NHS Foundation Trust**

ABOUT AIDOC

Aidoc is a pioneering force in clinical AI. We focus on aiding and empowering healthcare teams to optimise patient treatment, which results in improved economic value and clinical outcomes.

Since 2016, Aidoc's clinically proven AI solutions have eliminated silos, increased efficiencies and improved outcomes by delivering critical information when and where care teams need it – leading to immediate collective action.

Powered by Aidoc's exclusive aiOS™, we analyse and aggregate medical data to enable care teams to operationalise the unexpected and work seamlessly with a continued focus on the patient.

Aidoc AI is always on, running in the background to change the foreground.

Learn how the power of AI can impact your facility
Aidoc.com

2020

AuntMinnie.com
THE BEST OF RADIOLOGY
WINNER

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THE BEST OF RADIOLOGY
SEMI FINALIST

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THE BEST OF RADIOLOGY
WINNER

2019

2022

References
1. The Health Foundation Spring Statement 2022: What does rising inflation mean for health and social care?
2. RCR Clinical Radiology Workforce Census 2022
3. NHS Key Statistics: England, July 2023
4. RCEM Acute Insight Series: Crowding and its Consequences

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