



# HEAD OF CLINICAL AI INFORMATION GOVERNANCE

REMOTE-FIRST ROLE

# Unique opportunity to make a difference

**HEAD OF CLINICAL AI INFORMATION  
GOVERNANCE, HN, REMOTE-FIRST ROLE  
C.£70,000 PER ANNUM**

## Position Overview

Enable our clients to realise the full benefits of ethical AI.

The Head of Clinical AI Information Governance (CAIIG) will evolve HN's high quality, responsive and client focused best practice information sharing model. Operating at the leading edge of healthcare AI, this model will enable a seamless and timely transfer of data between HN and our clients while giving both existing and prospective clients full confidence in HN's rigours and ethical approach to data management.

Additionally, the Head of CAIIG will continue to promote an effective information governance and risk culture that embeds information governance principles in all aspects of HN's work. As the Head of CAIIG in HN, this person will recognise how information governance practices shape innovation capabilities and create commercial opportunities.

# THE OPPORTUNITY: HEAD OF CLINICAL AI INFORMATION GOVERNANCE

## CEO Statement



In my previous roles as Managing Director of one of NHS's first Integrated Care Systems and in a national leadership role for urgent and emergency care, I dealt first-hand with the rapid increase in number of people living many unhealthy years as they age and the seemingly overwhelming problem this presents to traditional models of healthcare. Legacy healthcare systems, operating with reactive care models, are in real danger due to the rapid surge in complex multimorbid chronic conditions. Chronic diseases can be best managed within our communities, but sustaining this approach requires personal agency in patients and proactivity from caregivers. The complex interplay of psycho-social factors, economic and educational disparities, and the sheer intricacy of these conditions can overwhelm community health efforts.

However, the convergence of recent advancements in computing technology and clinical research on the application of AI provides a promising solution to this dilemma. Leveraging routinely collected health data, HN Predict empowers healthcare providers to identify individuals at risk of a health crisis up to six months in advance with good specificity.

HN Predict revolutionises the allocation of healthcare resources, ensuring they reach the right person at the right time. This proactive approach enables preventative interventions that significantly reduce the need for hospitalisation, preserving individuals' agency over their health, and promoting better self-care practices.

What sets HN apart is its solid clinical evidence, affirming the efficacy of this predictive technology, and the immense benefits it offers to both patients and the healthcare system. Join us in shaping a future where healthcare is not just reactive but proactive, empowering individuals and strengthening our communities.

**Mark England, CEO HN**

## About HN

HN is a data science and software company at the forefront of applied machine learning and population health management. Our ground-breaking product, HN Predict, empowers national healthcare providers to predict adverse health events in individual patients with astonishing accuracy. This innovative solution is a game-changer, enabling health systems to transition from reactive to proactive and preventative care. HN Predict not only eases the burden on acute hospitals but also amplifies the impact of community health programs, empowering patients to take control of their health and well-being.

HN is proud to be the sole provider with a clinically validated and GDPR-compliant solution deployed across multiple integrated care systems. Over the next three years, we are dedicated to expanding our footprint from demonstrator locations in England, Ireland, Northern Ireland, Scotland, and Wales to achieve system-wide adoption in these regions and beyond. Our mission is to make a substantial contribution to the sustainability of public health systems, positively impacting the lives of millions of patients.

We focus on an ethical approach, consistent with the Caldicott and General Data Protection Regulation (GDPR) principles. We transparently set and clearly define the purpose for accessing patient data and continuously review our processes to maximise data privacy and governance. We emphasise the need and importance of building algorithms that are effective, but also protect patients' confidentiality.

We train our models using anonymised or strongly pseudonymised data with the minimum possible data to support our prediction algorithms. HN has assembled a core set of data fields that have proven to carry the most predictive power. For each site, the AI model is built on these data items and as part of the fine-tuning and model optimisation process, some of the data fields will be eventually dropped. Only the data fields which carry the most predictive power in the respective health economy will be used in the daily deployment of the prediction model. This minimises the use of patient data at every point in the process.

### **Safeguarding patients' right**

Safeguarding patients' rights and privacy means that data must be used transparently with a clear description of the purpose, methods and timing. Patients who have agreed to become part of the service are provided with a Data Privacy Notice that explains which data is processed, the purposes for that processing and the lawful basis for doing so. They are asked for their consent to process additional data captured for secondary uses, for example surveys to help measure patient benefits in the form of evaluations of patient reported outcome measures (PROMS). Patients are given a clear choice to opt-out from any further collection and sharing of their personal data.

## Position Overview

HN has developed and clinically validated a predictive and novel preventative patient pathway whereby AI is used to identify patients at elevated risk of Emergency Care. Patients identified as at risk are then proactively recruited into preventive care pathways. Evidence of the benefits of HN's data-driven approach to patient case identification have been published in leading scientific journals, illustrating that it uncovers unmet health needs, helps overcome inequalities in access to healthcare and improves health outcomes including mortality.

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Additionally, the Head of CAIIG will continue to promote an effective information governance and risk culture that embeds information governance principles in all aspects of HN's work.

As the Head of CAIIG in HN, this person will recognise how information governance practices shape innovation capabilities and create commercial opportunities.

### Objectives

The Head of CAIIG will be responsible for developing and deploying an information governance process that enable a seamless and compliant flow of information between HN and our clients. The Head of CAIIG, will advise in response to often complex requests from a wide range of stakeholders, providing timely and accurate guidance and support.

As the Head of CAIIG, you will also hold operational responsibility for information governance and will be a source of information and expertise on information governance including EU and UK national legislation, Information Commissioner Directives, Department of Health/NHS and the HSE.

As the Head of CIGC in HN, you will recognise how information governance practices shape innovation capabilities, further allowing our clients to optimise the full benefits of AI with HN.

### Key Accountabilities

- Build and maintain sustainable client relationships through high-quality delivery; ensure results, exceed client expectations, and be a trusted information governance advisor and partner.
- Develop a best-in-class IG process for clients, engendering confidence and enabling a seamless collaboration and information sharing work flow.

- Lead on the development of key information governance policies and procedures. Ensure HN is compliant with all relevant legislation and codes of practice for Information governance.
- Operational responsibility for information risk, information security, information sharing, information rights. Lead Information Security compliance officer.
- Work closely with Execs to evolve the IG strategy for the company. Support colleagues to develop action plans to address significant areas of risk including the development and maintenance of system specific information policies and related procedures.
- Make autonomous operational decisions, recognising when escalation is necessary.

### **Responsibilities:**

- Information security, risk and assurance. You will manage and lead all investigations and reports. Ensure information security and confidentiality breaches, including serious incidents are reported, investigated, resolved, and escalated in a professional manner.
- Collaborate closely with our digital team providing the technology platform used support AI IG best practice
- Manage and coordinate the delivery of action plans and improvement programmes to support Data Security & Protection compliance.
- Investigate and resolve data protection and privacy related inquiries and complaints from customers. Lead on operational and procedural improvements arising from lessons learned.
- Hold responsibility of named Privacy officer and DPO for the company. Organisational responsibility for compliance to the Freedom of Information Act and Data Protection regulations. Take on safeguarding and incidence reporting. In the capacity of DPO, independently act and determine the relevant information to be released.
- Organisational representation of the company at governance fora to ensure HN inputs to any relevant developments and issues.
- Act as a thought leader in this space, drawing on networks and influencing, to promote HN as a recognised expert in the area of AI Information Governance.

## **The Person Specification**

The ideal candidate possesses the leadership, adaptability, commerciality and discipline expertise needed to make a lasting impact on the healthcare landscape.

### **Experience:**

- Extensive customer focused IG experience at a senior level
- Extensive experience of managing information security and risk at a senior level.
- Experience in leading information governance assurance frameworks and delivering to the required standard of quality assurance and audit.
- Desirable: Experience of working across several jurisdictions and complying with varying regulatory standards.
- Desirable: Experience of working in rapidly scaling businesses.

## Abilities, Skills, Knowledge

- Possess strong patient-centred ethos and respect for the ethical use of data.
- Strong communication skills, both written and oral.
- Commercial acumen, with an ability to collaborate and innovate for enhanced customer offerings.
- Operate effectively in a dynamic and ambiguous environment, adept at simplifying complexity into actionable decisions.
- Ability to communicate knowledge and expertise in simple terms.
- Ability to translate professional expertise into strategy and policy that impacts across the company and customer base.
- Meticulous attention to detail.
- Exhibit creativity in problem-solving to drive innovation.
- Display tenacity, determination, resilience, and self-awareness in all endeavours.

## Qualifications

- Educated to Masters level in a relevant subject or have equivalent experience.
- Certificate in Information Security Management Principles or similar or have equivalent experience. BCS (ISEB) qualification in data protection.
- Certificate in Freedom of Information (BCS).

## Join Us

If you are a forward-thinking individual with a passion for developing a superb team to make a positive impact on healthcare and population health, we invite you to join our team at HN. Together, we can drive the transformation of healthcare from reactive to proactive, benefiting healthcare providers, communities, and patients alike.

HN is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. We are a virtual-first company, attuned to making this work for both employees and company. We use our tools to maintain this productive culture, and still get together as a whole company several times a year.

## Application Process

To apply for this exciting opportunity, please submit your CV and a cover letter outlining your qualifications and vision for the role to [neil.pope@hn-company.co.uk](mailto:neil.pope@hn-company.co.uk). We look forward to reviewing your application and exploring the possibility of having you lead our Clinical AI Information Governance.