

CACI



**Spearheading
your data journey
to improve patient
outcomes**

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**Discover CACI's specialist data
and IT services for Health and
Social Care organisations**



INTRODUCTION

Reshaping health and social care **with data insight**

There's constant pressure on your NHS organisation to deliver better patient outcomes and value from public funding. Demand is high and service quality is under intense scrutiny.

Data insight is crucial to help your NHS organisation plan, operate and continually optimise resources, services, staffing and patient experiences.

You have access to a wealth of organisational and patient data. But bringing it together to produce meaningful and trusted insight is a challenge. Decision-makers and clinicians must have access to analytics and reporting in clear formats. Data insight needs to be current and available in a timely manner.

But data storage and usage must also be secure and compliant, to meet NHS and national standards for patient and citizen confidentiality.

There's a huge opportunity for NHS organisations to make better use of their data by consolidating and managing it more efficiently and easily. When you harness data to produce insight for service design and planning that will improve patient experiences and outcomes, you can drive real value from your data and help improve the performance of your NHS organisation.

We're here to help you achieve all this.



Anticipate future needs

With complete and accurate data and effective analytics tools, you can model and predict demand for services and provide clear and impactful reports to decision-makers.

Trust CACI to share your commitment and goals

In recent years, our team at CACI has helped many NHS organisations across all care settings. We've helped clinicians and NHS leaders understand patients, service and performance and giving them trustworthy information to support transformation and sustainability.

Our specialist data and digital services for NHS organisations are focused on helping you deliver better patient outcomes and achieve the best value from your resources. From better theatre utilisation and staff rostering to new service design and collaboration between teams and NHS organisations, from waiting list reduction to capacity planning and operational management, we share your commitment to providing the best healthcare experiences to meet ever – changing patient needs.

We offer a full range of planning, assessment, deployment, optimisation and management services. Together, they form our Healthcare Insight Success Cycle – designed to make it easy for NHS organisations to access any or all of our specialist support and services to address their specific challenges and opportunities.

Discover the value and performance levels we can help you achieve by unlocking the full potential of your people, data and systems.



Put the right staff in the right place at the right time

Effective and accurate data about demand for services and availability of staff can help you roster more effectively, reducing wait times and giving patients better experiences in your clinical organisation.

Healthcare Insight Success Cycle

Delivering value throughout your data journey

CACI aim to augment and optimise NHS organisations' capabilities at any stage of the data lifecycle. Whether your business needs a new data strategy, a kick start with analytical visualisations or training in your stack from industry experts, CACI can deliver.

Trust CACI to become your data partner.



Define the insight you need for **high performance**

Discover

Discovery means understanding your current data capability and the suitability of your existing tools. It means having a clear view of the people, knowledge and skills available to work with critical data and systems in your NHS organisation, and laying the foundations for data excellence.

It's a crucial first step – and you don't have to take it alone. We can help you define where you are today, set your future direction and destination, then establish what you need to do to achieve your future goals. Our discovery services can help you establish or refresh your data strategy.

Together, we can build a roadmap showing how data insight will directly improve clinical and operational delivery and performance in your NHS organisation. We can help you build a business case that connects investment in insight with tangible outcomes for your NHS organisation.

With a solid base of data, you can build the robust and innovative insight, analytics and reporting platforms you need for excellence in the future. Your data strategy will support your NHS organisation's goals – it's essential to achieving them.

We can help you shape your data practice and infrastructure so it's fit for purpose and agile enough to accommodate innovation and changing demand. We can help you design a complete data and digital transformation programme to deliver the best services and value for patients and stakeholders. We know the best tools to use to address priorities and achieve benefits for your NHS organisation.



Review and respond rapidly to patient needs

With the capability to analyse patient data in real time, you can give clinicians the information they need to make fully informed decisions in the moment about care and treatment, to achieve the best patient outcomes.



Rapidly deliver data capability and tools for insight

Develop

When you're clear about where you want to be with your data and insight, the challenge is how to make it happen.

CACI can help you build the solutions you need to improve outcomes. Whether it's migrating to the cloud, improving your data quality and data governance, or deploying analytics or reporting capability, we can help you deploy and integrate the best tools for your NHS organisation and needs.

Our experience working with NHS organisations means we know how important it is to optimise efficiency, effectiveness and value in your system development. We have specific expertise in NHS data provision and management – we design solutions that minimise ongoing maintenance and support effective governance. We also understand the urgency to produce tangible benefits in as short a time as possible.

We can recommend, customise and deploy best-in-class solutions or carry out bespoke development. Our NHS specialists can construct data warehouses and build robust processes. They can deliver pre-built reporting suites that make it easy to share insights and help you put your data to work in the most effective ways.

If you'd like to understand more about the potential of your data, we can help you explore and pilot the possibilities of forecasting and hypothesis testing, using the latest analytics tools including AI and machine learning.

Plan services more effectively

CACI's InView is specifically designed for the NHS. Its powerful, user-friendly analytics help you dive deep into how data can drive improved patient outcomes – from waiting list monitoring, patient level costing and clinic usage to theatre utilisation and clinician availability. You can support your management team with evidence-based reports and models to plan and predict patient needs, so they can make proactive changes to services and improve quality of care.



Build skills and knowledge within your NHS organisation



Focus on frequent flyers

With a clear picture of frequent flyer characteristics and visit patterns from comprehensive and up-to-date reporting, you can proactively identify patients who need more support or information and help them to access the most appropriate services and treatments for their needs.

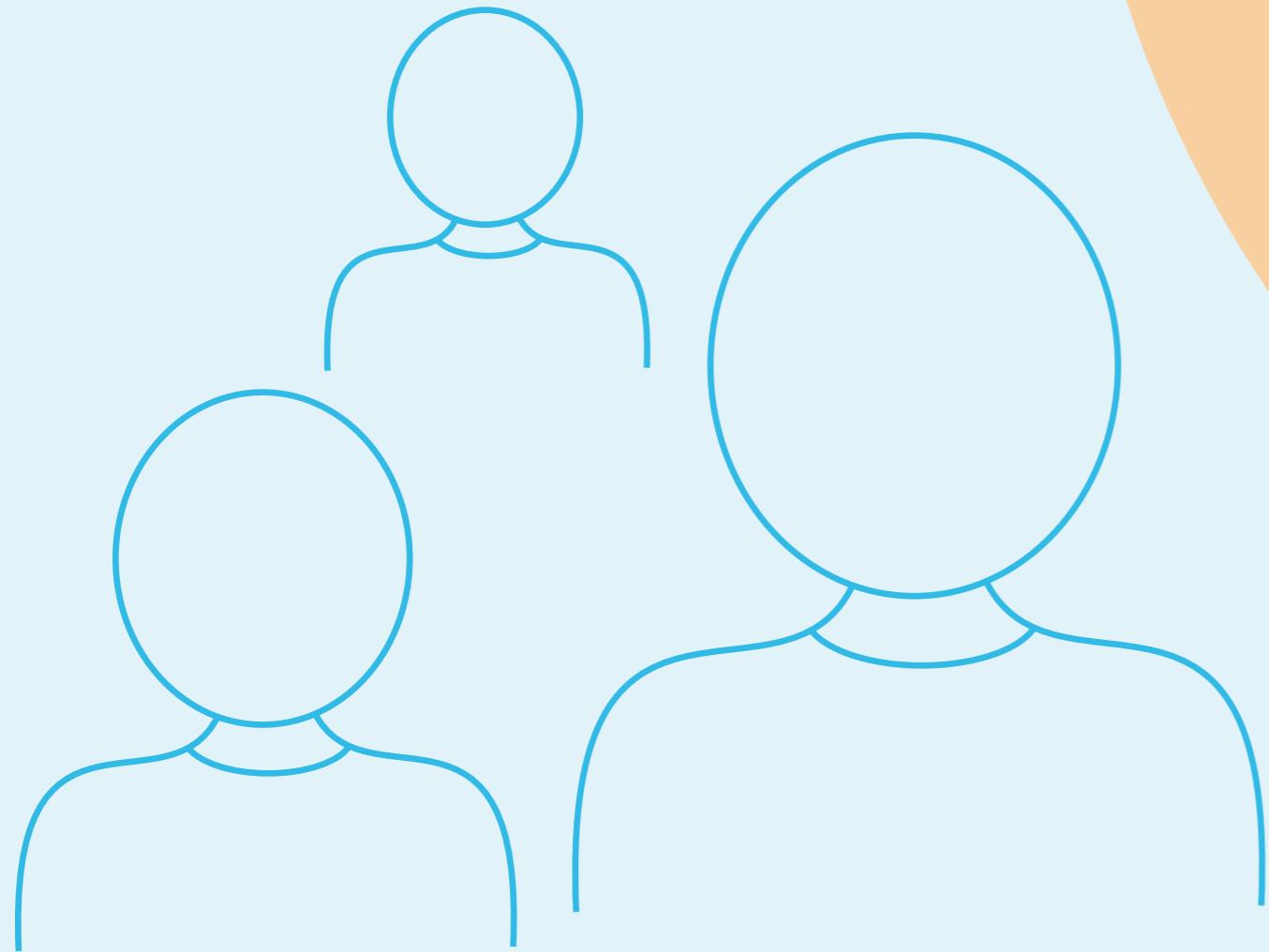
Learn

Whatever data and insight tools and technologies you choose to deploy, we can help you and your team acquire the data literacy and expertise you need to make the most of them.

Delivering high quality data services relies on capable and skilled professionals with up-to-date and expert knowledge. We deliver skills training and ongoing mentoring and support so you can sustain your data journey from within.

We don't walk away at the end of the formal training process. CACI's unique 'Personal Trainer' support is built into every service, helping you apply your new skills and tools in real-world scenarios so you get maximum value from them.

CACI data and analytics training combines classroom and digital learning with hands-on practice. We run bespoke workshops that can help your team grasp the importance of data democratisation and data literacy. We can show you how to produce the most useful and relevant reports and maximise the benefit of your business intelligence tools to meet your NHS organisation's goals.



Understand your patients more thoroughly

Compliant data records and effective reporting gives your NHS organisation a clear picture of the demographic backgrounds of your patients. By understanding their backgrounds and lifestyles, you can shape your services and communications for better access and improved outcomes.

Integrate data for a full and clear picture

Bring together local government and hospital data to provide deep and actionable insight about patients, services and demand.

An integrated data platform gives you one source of analytics and reporting for strategic and operational planning, maximising the value of the information your organisation holds.

Manage data services efficiently and cost-effectively

If you don't choose to use your in-house resources, or if you'd like to supplement them, we offer a range of managed services for data and insight. Take advantage of our experts to deliver the outcomes your NHS organisation needs through a simplified model.

We design our managed services to meet guaranteed SLAs and to provide maximum value through economy of scale. You can focus your team on the things they do best and let us handle day-to-day technology management.

Whatever model you prefer, we can meet the challenge. We offer complete insight-as-a-service (IaaS), providing analytics on a subscription basis along with ongoing support. Or you can make use of our capability bank for specialist resources on-demand to fill resource gaps and address urgent needs.

We provide managed services for data assets, platforms and infrastructure as well as architecture and compliance.



Work with CACI's healthcare and **digital data experts**

We're proud of our long-standing relationships with many NHS organisations across all care settings. We have understanding and hands-on experience of the pressures and opportunities for your NHS organisation.

We've designed our Healthcare Insight Success Cycle (HISC) as a systematic and comprehensive resource that helps you access the right support, guidance and skills that your individual NHS organisation needs for data and insight, at the right time.

It doesn't matter what your organisational priorities or resources are, or where you're up to in your data journey. Data transformation is a continuous process: picking your own entry point to HISC allows you to engage with us in the most focused and effective way to advance and sustain your journey.

Our support and capabilities are tailored to your needs. We base our proposition on defined HISC services to make sure there's a clear focus and benefit to you in all our work, and to support transparent costings and value.

Please get in touch if you'd like more information about individual data and insight services for NHS organisations. Our consultants will be glad to discuss your particular needs and how CACI can help you deliver and optimise data insight for your stakeholders and patients.

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