



# BREAKING THE BARRIERS

# TO INNOVATION



**Digital innovation**  
empowering people at  
the centre of their health  
and well-being

Our healthcare patch  
remotely monitors  
a patient's health  
— unobtrusively  
and at very low cost



PA's technology team has developed a low-cost, body-worn sensor that can remotely monitor a patient's critical health indicators as well as check whether they have taken their medication. This information is then sent securely via the internet to a physician or caregiver, leading to better levels of monitoring, improved quality of care and, importantly, reduced costs.

These devices can be manufactured for considerably less than a daily newspaper, and at speeds that match the fastest mobile phone production lines. The result of this work is that our clients in pharmaceutical and other healthcare companies now have access to the technology to truly transform their relationship with patients.

Improving patient  
outcomes in the UK  
NHS — through big  
data technology and  
agile development



NHS England works to improve outcomes for patients by monitoring the effectiveness of healthcare commissioning. Every year, it ensures that £100 billion of care is delivered effectively.

To achieve this, the board of NHS England needs complex data to be presented in a consistent and easy-to-use manner — giving a clear picture of how healthcare providers are performing. However, a fragmented approach to data management and a lack of integration between systems has made rapid and fluid analysis extremely difficult in the past.

In the first NHS project of its kind, PA worked with QlikTech and Google Enterprise to develop a cloud-based integrated intelligence tool which gives commissioners a clear view of performance at a local and a national level. This has enabled NHS England to identify and respond to worrying trends, such as high mortality rates, more quickly — and has made healthcare safer for patients across the country.



## Our work with Visiting Nurse Service of New York is helping deliver home- and community-based healthcare



On any given day, the Visiting Nurse Service of New York (VNSNY), the United States' largest not-for-profit home- and community-based healthcare organisation, has more than 65,000 patients and health plan members under direct and co-ordinated care.

We have been working with VNSNY to design and implement a major upgrade to their IT infrastructure and core applications. This will enable VNSNY to achieve their vision of being the most significant, best-in-class not-for-profit community-based healthcare system, providing superior care co-ordination and healthcare services to vulnerable populations across a broad regional footprint.

By breaking through the barriers to innovation, organisations across industry can achieve exceptional results. In healthcare, this may involve developing wearable technologies to help patients manage their own well-being, or delivering better home- and community-based healthcare, or developing intelligence tools to help analyse health data more efficiently.

Individuals now seek the continuous provision of care through 'connected' technologies. Healthcare companies have access to new technology-based solutions to truly transform their relationship with patients leading to better levels of monitoring, improved quality of care and, importantly, reduced costs.

At PA Consulting Group, we believe that a technology-enabled pathway has the potential to significantly reduce total healthcare costs and allow more efficient healthcare delivery on a global scale.

**To find out more about breaking the barriers to innovation visit:**

**[www.paconsulting.com/breaking-innovation-barriers](http://www.paconsulting.com/breaking-innovation-barriers)**

**or email: [innovation@paconsulting.com](mailto:innovation@paconsulting.com)**

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PA can draw on an unrivalled set of capabilities and insights — from product development and IT to business planning, service design and sector knowledge — to enable us to develop and deliver the solutions our clients require for the future of healthcare.

At our technology centre in Cambridge UK, we develop products from initial research and concept design, through development, prototyping, manufacture, supply chain set-up and support.

To find out more about breaking the barriers to innovation or to arrange to meet us at the Innovation Roundtable Summit visit:

[www.paconsulting.com/breaking-innovation-barriers](http://www.paconsulting.com/breaking-innovation-barriers)

or email: [innovation@paconsulting.com](mailto:innovation@paconsulting.com)



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We are an employee-owned firm of over 2,500 people, operating globally from offices across North America, Europe, the Nordics, the Gulf and Asia Pacific.

We are experts in energy, financial services, life sciences and healthcare, manufacturing, government and public services, defence and security, telecommunications, transport and logistics.

Our deep industry knowledge together with skills in management consulting, technology and innovation allows us to challenge conventional thinking and deliver exceptional results with lasting impact.

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