



## Here comes the Cloud:

Transforming the healthcare landscape

**Pressure on the health service is increasing.**

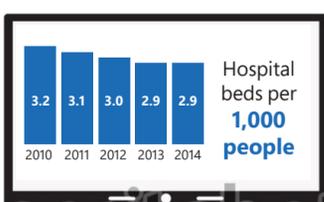
**Every 36 hours the NHS deals with over 1 million patients.**



**An ageing population; average age rising from 39.7 in 2012 to 42.8 by 2037,** and lifestyle risk factors are also compounded by a reducing average number of beds per population head, and a need to balance the books.

**80%**

of deaths from major diseases, such as cancer, are attributable to lifestyle risk factors such as excess alcohol, smoking, lack of physical activity and poor diet.



**£22 million** savings to make by 2020

**Over the past 10 years:**

A **35% increase** in emergency hospital admissions and a **65% increase** in secondary care episodes for those over 75.8.



**The NHS was developed to provide largely episodic care.**

It generally treats people when they fall ill. But this care model will become harder to maintain with a growing, diverse and ageing population with high rates of chronic diseases, obesity and mental health problems.

A 21st century NHS will need to deliver care that meets the health needs of today and focuses more on preventing illness and supporting individuals in maintaining active and healthy lifestyles.

**41%** of health executives say the volume of data their organisation manages has grown by **more than 50% in the last year.**

### Enter the cloud

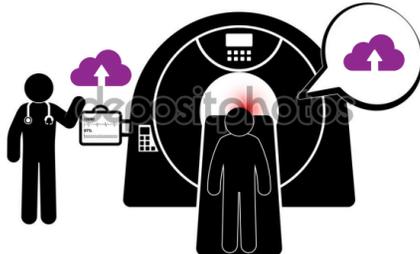
Cloud technology can provide the platform from which to launch the healthcare of the future.

Healthcare service built around the delivery of predictable, personal, and cost effective care.

**55.7%** of doctors say the top reason for adopting the cloud is less cost than the current IT maintenance.

**67%** of IT healthcare organisations running Software as a Service (SaaS) based applications

**2.4%** using Platform-as-a-Service (PaaS) applications



**92%** of healthcare providers see the value of cloud services for their organisation

**15.9%** running on an Infrastructure-as-a-Service (IaaS) platform

By 2020, **80%** of healthcare data will pass through the cloud at some point in its lifetime

Hosting of clinical apps and data is the most common use of cloud-based apps, at

**43.6%**

### Enter virtual healthcare

Experts predict that within the next two years,

**70%** of routine doctor office visits will be managed via telemedicine while 80% of patient service interaction will make use of the Internet of Things (IoT) and big data to improve quality, value and timeliness.

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Healthcare organisations will increase their spending on cloud computing services by **20% a year until 2020**

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**73%** of health executives see positive ROI from personalisation technologies



**49%** of patients globally wear or would be willing to wear technology that measures and tracks both fitness/lifestyle and vital signs

### A smarter, better, healthcare

The hospital of the future is a data-driven digital hospital capable of predictive health care analysis and proactive service and support to detect anomalies and then alert healthcare providers, if necessary.



**41%** of health executives say their organisations data volume has grown **more than 50% in one year**



**51%** of physicians are using electronic access to clinical data about a patient who has been seen by a different health organisation

**How are you handling this extra data?**

**How are you connecting patient experiences?**



Health monitoring is the #1 reason why **54% of patients** use mobile phone apps



mHealth (mobile health) market is currently worth around £13 billion and is predicted to grow to **over £40 billion by 2020**

**How are you proactively monitoring your patients?**

**How are you embedding mobile services and engagement?**

### Next Steps

Contact our experts to discover how moving to cloud led health services can help you enhance the patient care you provide; moving from reactive to proactive relationship led services.



**CONNECT**  
services and treat patients with a single view



**DELIVER**  
insightful care faster



**PROVIDE CARE**  
beyond the boundaries and limitations of 4 walls



**GIVE PATIENTS**  
a voice and deepen engagements and relationships

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