developing
and delivering
leading-edge technology solutions

Technology solutions for Healthcare

We have been developing and delivering leading-edge technology solutions and support to NHS organisations for over a decade. Our expertise and applications are a central component in many of the services that are transforming the NHS, bringing a wide range of benefits to patients and healthcare professionals alike.

Our experience

Our experience proves that the way technology is governed and managed, rather than technology itself, is the crucial factor in delivering streamlined processes that support staff, patient care and supplier management. This in turn leads to more agile organisations capable of continuous improvement and sustained healthcare goals.

Atos

We believe technology should be developed and deployed in the service of those who have to use it. Our applications are people-focused, flexible and responsive to feedback, evolving to deliver new services and anticipate change.

Our solutions

We work with a wide range of NHS organisations to develop, introduce and improve services, including:

ePharmacy

This national registration system provides an integrated solution for creating, handling and storing prescription messages from GPs, pharmacies and payment systems. ePharmacy benefits cover:

▶ Electronic processing of prescribed, dispensed and paid prescriptions
▶ Greatly reduced paperwork
▶ Minimised processes in the prescribing and dispensing journey.

Choose and Book

Together with NHS Connecting for Health, Atos designed, implemented and continues to support and develop Choose and Book as part of the National Programme for IT.

Choose and Book has significantly reduced the lengthy paper-based booking processes used by 30,000 GPs and almost 300 hospitals across England. It integrates a wide range of clinical systems and by June 2008 had handled over nine million bookings.

NHSScotland

We are the IT services partner for NHSScotland. Our unique Atos Origin Alliance, under the umbrella brand of Atos, delivers and manages preventative health IT systems and works closely on the integration of primary care IT services.

We assess the requirements and make recommendations for new technology, host data centres, manage the Service Management Centre helpdesk and provide critical support services. The Atos Origin Alliance has over 7,500 staff in 45 offices across Scotland, delivering services to 150,000 healthcare professionals and over five million patients.

NHS Pensions

The NHS Pensions Scheme for England and Wales is the largest scheme in Europe. We provide a managed service for its server and desktop IT estate as well as medical advice on ill-health retirement and injury benefit.

Scottish Cervical Call-Recall System (SCCRS)

Working with NHSScotland, Atos implemented an integrated solution handling the complete process of cervical screening, from women being called to arrange a smear test to analysis of a sample and any follow-up treatment required. The SCCRS has replaced a variety of IT systems and ensures all women in Scotland can benefit from the same invitation and follow-up procedures. The system delivers:

▶ Standardised processes across Scotland
▶ Reduced duplication of effort
▶ A single information source for the Scottish Cervical Screening Programme.

eCare

Our eCare solution provides a technology platform that integrates disparate citizen information databases. It enables care programmes to share demographic information and achieve a much fuller picture of an individual and their interactions with public services. This platform provides the capability for intelligent and proactive care programme responses.

Although built on Microsoft software, the eCare platform is genuinely technology-agnostic, using international open standards and web services description language. It facilitates any-to-any connectivity between different systems environments and includes security architecture and data standards specifically developed to protect information in a multi-enterprise environment.

Community and preventive care

Atos worked alongside NHSScotland to integrate disparate national clinical databases, each with its own functionality, into one system. These systems help to provide preventive care through breast, cervical and bowel cancer screenings. We also provide child health systems which call all pre-school and school aged children in Scotland for immunisations.

These systems also provide pre-school and school population and targeted screening and surveillance as well as a clinical system to enable early identification, assessment and monitoring of children with support needs. All relevant data is now centrally and consistently available throughout Scotland, ensuring no-one is omitted from surveillance, immunisation and screening initiatives.

NHS Strategic Tracing Service (NSTS)

NSTS provides a fully populated and maintained national database of people, places and organisations, and is the first national database of its kind. It gives NHS staff the ability to access patient details such as their NHS number and a range of up-to-date administrative information.

Atos developed and built NSTS and provides an on-going managed service covering the application and hardware as well as providing disaster recovery. On average over the last six months, NSTS has handled:

▶ 1.2 million online traces
▶ 13.2 million batch traces.

Going forward

If you would like more information about Atos and the services we offer, please call 020 7830 4444 or visit uk.atos.net

About Atos