



KONICA MINOLTA

RETHINK TECHNOLOGY

SOLUTIONS SUPPORTING THE

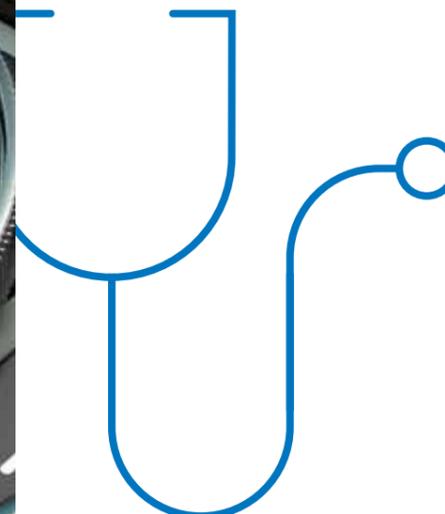
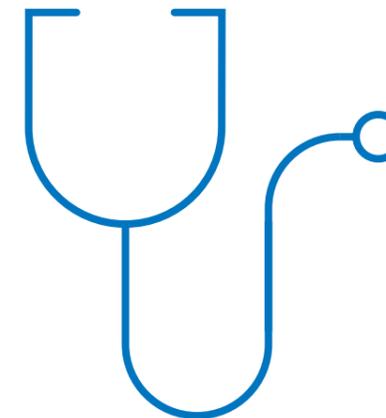


Giving Shape to Ideas



DIGITAL TRANSFORMATION: RETHINKING HOW THE NHS OPERATES

Overhauling the patient experience, reducing operating costs and maximising available budgets – digital transformation is integral to the future of the NHS.



With fewer staff, increasing patient numbers and a pressing need to increase efficiency and productivity, the NHS must find ways to alleviate financial and operational pressures while simultaneously enhancing patient care.

Digital transformation is essential to help manage the growing imbalance between supply and demand whilst keeping patient care front and centre.

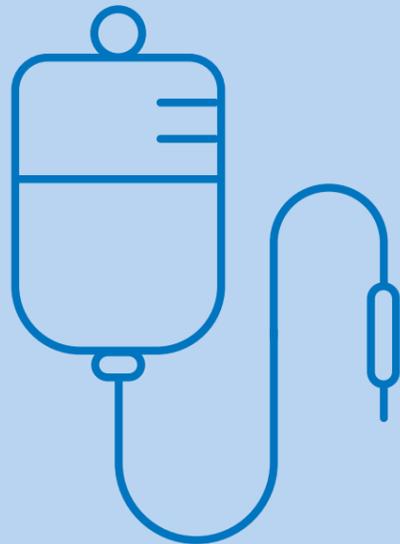
At Konica Minolta we recognise that greater operational efficiency and safety is the key to improved patient care – that’s why we offer a comprehensive range of information management solutions – from managed IT and Print services and secure automated clerical and clinical workflows, to augmented reality solutions that support patient wayfinding and intelligent video solutions that improve patient and staff safety as well as resource management.



AUGMENTED REALITY WITH GENARATE

INTELLIGENT WAY FINDING AND TRAINING

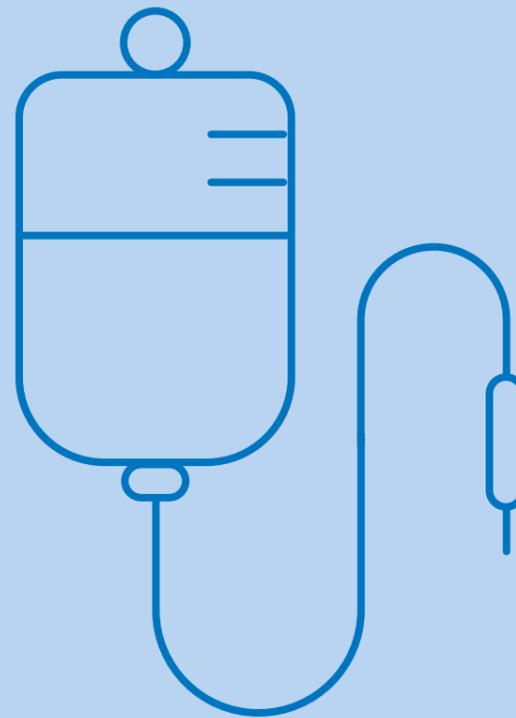
Missed and late appointments costs the NHS £216m per year¹ which wastes valuable resource, causes knock-on delays and impacts patient throughput dramatically.



GenARate is an Augmented Reality solution with the power to help reduce the likelihood of missed and late appointments and improve the patient journey on site. Patients simply:

- Download a free app to their phone or tablet
- Open the app
- Point it at signage on-site

They can then access a host of information to help them find where they need to go as well as auxiliary information they may need.



By overlaying digital information onto real world signage, hospital visitors and patients can transform printed signs into three dimensional, interactive maps that lead to the right department without delay. Video content can be incorporated too, with patients using apps to access personalised welcomes and virtual 'nurses' to guide them through their visit.

GenARate literally brings printed signage to life, transforming 2D to 3D in order to give patients enhanced information that is easy to follow.

GenARate makes high-tech communication methods accessible and easy to use – NHS IT and communications teams can harness its power without the need for previous experience, significant investment or system integration.

Benefits

- Reduced number of missed and late appointments
- Improved patient experience
- Accessible
- Easy to deploy and use
- Cost-effective

Improved staff training and engagement

Ongoing training is an essential part of ensuring staff follow new hospital protocols and know how to use administrative systems.

GenARate makes staff training dynamic and engaging with the use of Augmented Reality video content. More accessible than traditional e-learning solutions, GenARate allows training to be delivered via users' own mobile devices - from anywhere, at any time.

Users simply open the GenARate app and scan a code to access videos and other training materials.

There is no need for password-led log-in processes, paper-heavy training materials or complex computer-based e-learning modules.

Sitting outside NHS IT infrastructure, GenARate is a cost effective way to improve user engagement and training take-up, with minimal investment and no system integration.

Benefits

- Increased participation
- Improved staff engagement
- Cost effective
- Accessible

Download genARate, our augmented reality solution and scan the image above to experience AR



STEP 1:
Download our free app



STEP 2:
Point your device at a trigger image



STEP 3:
Experience the magic of AR



¹ <https://www.england.nhs.uk/2019/01/missed-gp-appointments-costing-nhs-millions>

INTELLIGENT VIDEO SOLUTIONS

IMPROVE SECURITY AND SAFEGUARDING

Konica Minolta's intelligent IP video systems use high-resolution smart security and IT to inform and help shape NHS operations, processes as well as improve patient safety dramatically.

Combining visual, thermal, sound and sensor data to better protect health care settings and, importantly, deploy resource more efficiently – we offer a decentralised solution that can span multiple locations and deliver real-time data.



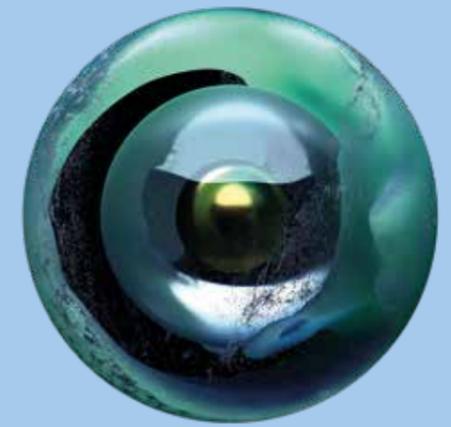
Intelligent video solutions can be used to:

- **Provide an early warning stroke detection system** by recognising subtle facial changes in patients, as well as detecting when falls occur. The technology will alert staff when patients need help, ensuring faster response times and improving patient outcomes dramatically.
- **Make real-time changes to appointment schedules** by using facial recognition technology to monitor when key consultants and clinicians are on site. This improves appointment and theatre efficiency and avoids the costly losses associated with missing the 'golden patient'.
- **Improve resource efficiency by monitoring patient's movements**, how often lights are turned on and room temperatures, thanks to thermal, visual and audio biomedical sensors. Information is displayed in real-time to help care providers improve patient safety and identify when extra care, support and medical intervention is needed.
- **Boost patient, staff and asset safety and security**, particularly in critical facilities such as laboratories, emergency departments and psychiatry wards. Our solutions provide access control with people identification options, monitor high-risk areas remotely and offer situation-analysis.



Able to monitor larger areas with fewer cameras and without the need for complex or expensive control rooms, our intelligent video solutions are a cost-effective, feature-rich and real-time tool supported by artificial intelligence.

With easy-to-use open application interfaces, a low bandwidth requirement to ease network pressure and embedded storage and software development kits to create tailored end-to-end solutions – intelligent video is helping to drive process efficiency, improved safety and positive patient experiences across the NHS.



The benefits

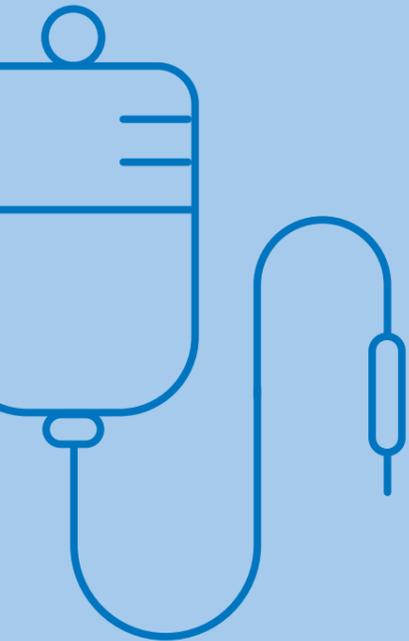
- **Low-cost, low maintenance:** no need for dedicated servers, central recording systems or software recording licences plus software updates are free.
- **Non-disruptive:** Low bandwidth load.
- **Accurate:** high image quality.
- **Secure data:** live channel and recorded video is encrypted.
- **Video with business intelligence:** real-time data from multiple locations can be used to improve not just physical security but operations.



WORKPLACE HUB

IT, DATA SECURITY AND PRINT

Workplace Hub provides a one-stop-shop IT and print solution for GP practices. It is a simple and cost-effective solution for managing the thousands of patient records they process each day, enhancing data security and improving the patient journey.



Developed in partnership with leading technology vendors including HPE, Sophos, Microsoft, Acronis and ScienceLogic, Workplace Hub is an IT solution that integrates hardware, software and services. It is a standalone device that provides network connectivity, server storage and network security as well as acting as a WiFi hub or router. All this capability is combined in a single device which can also print, scan and copy.

Perfect for GP practices with limited IT support and floor space, Workplace Hub is as simple as plug in, power up and go. It also enables spend on IT to be optimised as removes the need for separate routers, servers and firewalls.

Enhanced file sharing and collaboration tools help better manage patient information. As Workplace Hub combines storage, network, data security and print capability in one device, it helps reduce Capex and total IT spend. Once installed, we remotely monitor and manage the entire system 24/7, finding and fixing problems before they impact you. Our industry-leading SLAs and remote management tools maximise uptime delivering a solution that you can not only rely on, but also one that doesn't require your own IT support on-site. This provides much needed certainty to your operations.

Either working alongside or replacing your current IT infrastructure, Workplace Hub will reduce IT complexity for your GP practice by optimising IT spend, preventing malicious security attacks and enhancing collaboration.

MANAGED PRINT SOLUTIONS

Patient record management, admissions, discharge and transfer are among the most challenging processes for the NHS and often rely on paper-heavy, print-based practices.



Our managed print services combine consultancy, hardware, software and workflow management to optimise and standardise your print processes.

Capable of integrating with existing clinical workflows to improve information sharing, analytics and reporting, a managed service can increase the efficiency of your print infrastructure.

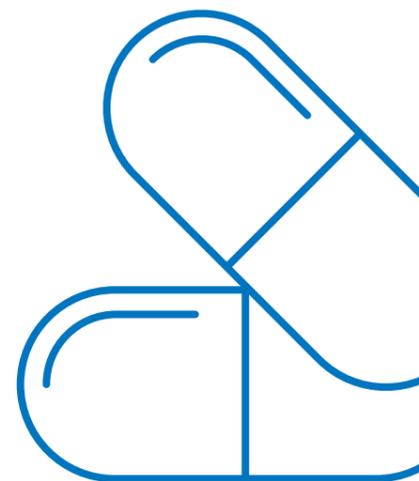
With all solutions designed to suit individual requirements, we take care of your entire fleet to save you time and money, improve print security and facilitate the easy transfer of information between departments.

A strategy of preventive and predictive maintenance makes certain that all your printing and scanning devices perform reliably at all times and that downtime is kept to a minimum, plus, by automating routine tasks such as the delivery of consumables, we can free up resource, streamline processes and drive out waste.

With more efficient and robust processes in place, our approach ensures your data always remains secure so you can concentrate on patient care.

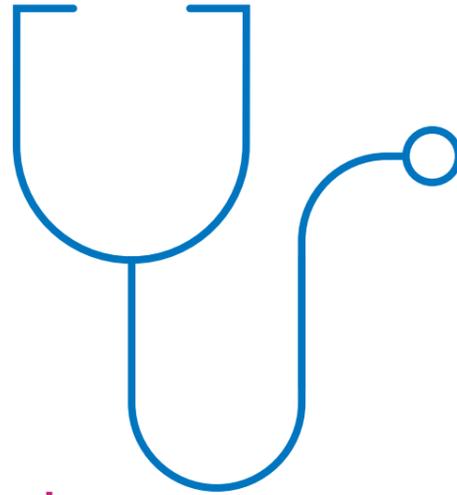
The benefits

- Control and cut the cost of printing and copying
- Use your printers more efficiently
- Increase compliance and improve protection for sensitive information
- Lower your environmental footprint by reducing print volumes and print-related waste



MANAGED IT SOLUTIONS

Our Managed IT Solutions support the NHS move to a Cloud First strategy and can alleviate the array of pressures placed on an already strained IT infrastructure.



Reducing costs, driving innovation and maintaining a resilient and secure infrastructure which keeps compliance and patient data secure, is of paramount importance in a data-sensitive age.

That's why Konica Minolta's flexible and tailored Managed IT Services are so effective. Outsourcing the day-to-day management and support of your IT operation delivers significant gains, provides certainty and helps the NHS to maximise:



- **Efficiency and IT resilience.** A proactive maintenance approach combined with industry-leading tools helps to maximise system uptime and productivity by pre-empting issues and optimising operations.



- **Expertise and scalability.** Many Trusts have over-burdened IT staff or struggle to recruit staff with expertise in new technology such as cloud. We work with your personnel to enhance existing capacity and plug 'expertise gaps' to boost best practice and system performance.



- **Cost certainty.** Managed IT Services reduce the need for capital expenditure and minimise upfront investment in staff, hardware and software costs - enabling you to take control of your expenditure, repurpose IT budgets and increase ROI.



- **Greater security and compliance.** Industry leading tools detect potential threats and system vulnerabilities to protect patient data and your ability to prioritise their care. Whether it's dedicated firewalls or managing antivirus systems and compliance practices - working with a Managed IT Services provider can strengthen your system reliability and security.



- **Resource.** A Managed IT services provider removes some of the most administrative and cumbersome tasks, freeing up your team to focus on the added value work that improves the patient experience.

SUMMARY

With a broad spectrum of technology solutions, Konica Minolta can improve patient and staff safety and experience dramatically whilst also delivering important cost efficiencies.

Backed by seamless implementation, excellent client service and the ability to tailor solutions to meet your exact needs, we are supporting the NHS through its digital transformation journey.



READY TO KNOW MORE?

Get in touch now to discuss your own specific requirements and how we can help you **rethink how you work**

email us at nhs@konicaminolta.co.uk





KONICA MINOLTA



LET'S TALK

Get in touch today to find out how Konica Minolta can help you as you strive to improve the services you provide, whilst also reducing costs, increasing efficiencies and improving security.

Contact our dedicated NHS Team, they're here to help:

nhs@konicaminolta.co.uk