

# A PRINTING INNOVATION IN EDUCATION



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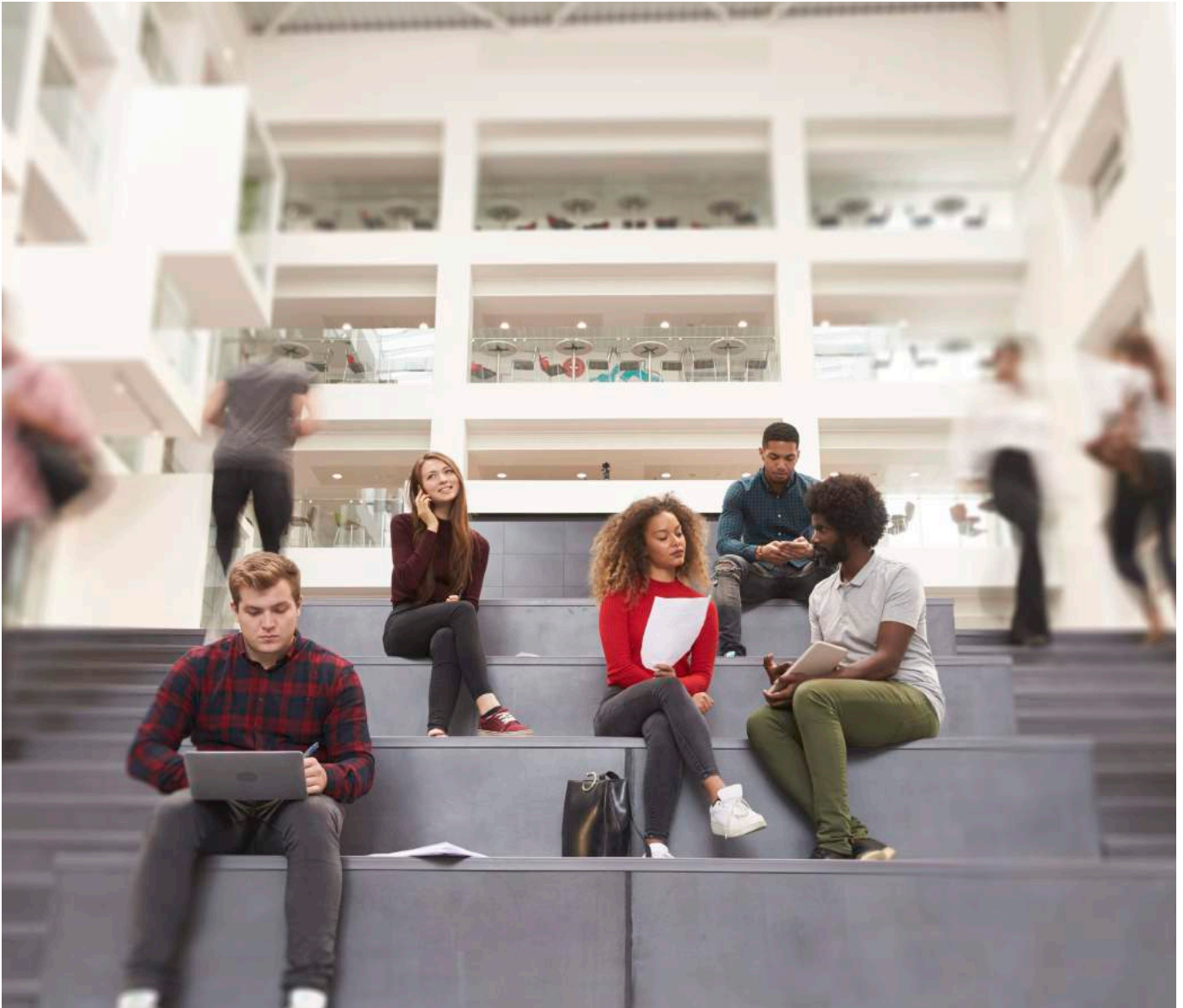
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Annodata is one of the UK's longest standing, independent providers of Managed Services, covering Document Management, Unified Communications and IT.

**For more information on how Annodata can help you become a more efficient enterprise, please contact:**  
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# INTRODUCTION



Achieving educational excellence everywhere is the Department for Education's motto, expressing their commitment to invest in the UK's educational system and enabling internal and operational transformation.

As digital natives are making up most of the population, developing efficiency, productivity and innovation are key objectives for the education sector. Embracing 21st century technologies is the fundamental shift needed to enable sustainable and economic change. Achieving educational excellence does not merely stem from a focus on teaching and academic performance, it is also driven from the performance of ICT infrastructure.

Digitalisation is driving the education sector to be more responsive to change, allowing itself to be dramatically reshaped. Its processes,

structures and operations must adapt to the new wave of technology-enabled tools in order to enhance the quality of learning.

Every educational institution is different, however, and each must harness the best digital resources, adjusting to the changing digital times in order to remain competitive. From increasing student expectations, the rise of social media, the encouragement of buy-in from staff are all aspects that will drive a strong digital blueprint for the future of education.

# UPGRADING LEGACY ICT

Legacy ICT has proven to be a barrier to the education sector, with a lack of flexibility, security and transparency. Hindered by large fleets of legacy systems, the education sector has struggled to adapt to the digital age, struggling to meet the evolving needs of staff and students.

The Cabinet Office have identified specific missed efficiencies originating from legacy infrastructure, with reports of Government ICT resources costing:

- £480bn estimate of government revenue reliant on legacy ICT
- £210bn estimate of government non-staff expenditure reliant on legacy ICT

The Government ICT Strategy<sup>1</sup> has identified that systems have struggled by a lack of interoperability, with infrastructure being insufficiently integrated, which has led to inefficiency and siloed operations.

ICT can consume costs but it also has the capability to release savings by increasing staff and student productivity. Realising savings in education is critical in order to reduce the operational deficits and remain on the journey to making education excellent everywhere.

In light of these cost and efficiency challenges, the Government is committed to improving the way it delivers ICT-enabled change.

Additionally, the recent Government Transformation Strategy (Feb 2017) states that digital technology can provide a strong foundation upon which to build. It highlights that technology should reach into educational institutions, changing the ways in which they operate. Technology in education must meet user needs, satisfying appropriate safeguards and ensuring that data is shared securely; these are all high on the government transformation agenda.



# INFRASTRUCTURE FOR THE FUTURE

The Department for Education has released *Guidance, Cloud Computing Services*<sup>2</sup>, produced to encourage the education sector to consider cloud-enabled resources to reduce waste and deliver better services.

Reducing spend on 'low value' ICT resources can be achieved through focusing on standardising ICT, connecting a fragmented ICT estate and opening gateways to efficiencies for every corner of education.

A recent Government news story<sup>3</sup>, has announced a new agreement to help digitise print, copying, scanning and storage. This agreement provides an all-in-one

solution to support government organisations with their print and records information management needs. Benefits include access to the latest technology, reduced costs and wastage by the consolidation of devices, storage and energy saving.

**"THE EDUCATION SECTOR MUST RETHINK PRINTING, SCANNING AND STORAGE"**

Printing is integral to educational processes. Finding innovative printing solutions are a vital ingredient to achieving a sustainable education system as it enhances staff and student productivity. Annodata have a strong track record

in enhancing productivity in the education sector. Helping education to digitise printing, Annodata reduces reliance on paper, builds on education's digital strategy and is leading the way in supporting the education sector to achieve:

## HEIGHTENED FLEXIBILITY

Students and staff are expecting access to high quality experiences from any device, at any time and from any location. Learners are demanding more flexibility, convenience and an on-demand provision from education. Students want to print from their tablets or mobile phones onto university or college printers and must be liberated to print easily and securely from their mobile devices. Annodata provide the education system with the security, flexibility, usability and reliability required for the learning environment. Their dynamic technology works in alignment with the goals for the digital learning environment. Annodata's solution is the mobile printing platform of choice for the whole of the education system, as it supports modern and mobile learning.

## HEIGHTENED SECURITY

As the use of personal devices increases, and BYOD becomes more popular, the education sector can suffer from security and data protection risks. Complexity arises when attempting to determine which devices are accessing which systems and data. Data security is a high priority for all of government and much of the success of government departments is dependent on its ability to secure technology, data and networks. With cyber-attacks and data breaches occurring on a frequent basis, tightening security throughout all departments is essential. Annodata ensure that their cloud-enabled printing solutions have heightened transparency and security at their core, offering better control of costs, less waste, better quality processes and transformed print estates.

## HEIGHTENED SUSTAINABILITY

Efficiently producing, managing and distributing printed documents on an as-needed basis is key to reducing the environmental impact of printing. The Greening Government ICT Report<sup>4</sup> is at the heart of government, driving improved sustainability for government technology. **"The move to cloud-enabled, commodity, re-useable and digital by default services, provides opportunities to have greener IT and to use technology to help departments' operations be more sustainable overall."**<sup>4</sup> Annodata's cloud-enabled printing solutions are in complete alignment with government's commitment to purchase sustainable products, proactively reducing the carbon footprint throughout the education sector.

<sup>2</sup>Cloud Computing Services, Department for Education, January 2017

<sup>3</sup>GOV.UK, Crown Commercial Service, Jan 2017  
<sup>4</sup>The Greening Government ICT Report, 2016

# FOLLOWING YOU INTO THE FUTURE



Annodata are specialists in managed print solutions, liberating the education sector and maximising student and staff engagement.

Annodata's Follow Me Printing is specifically making an impact in the education sector as this is a unique solution that makes printing mobile, simplifies workflow, minimizes printed waste, protects confidential documents and increases user productivity.

The Follow Me solution ensures that users print only what they need, preventing unnecessary

printing and waste. It also helps protect document confidentiality; users swipe their existing access cards which releases documents to their chosen printer. Documents, sensitive or otherwise, are never left unattended and vulnerable at the printer and this enables high levels of security.

Annodata's Follow Me solution creates an environment for printing where users can print securely whenever and from wherever they require, independent of location. User productivity is enhanced as this solution allows users to walk to the device of their choice to release their print jobs.

## ANNODATA BENEFITS

- Minimize printed waste
- Reduce printing costs
- Increase user productivity
- Protect document confidentiality
- Convenient, secure printing for all users
- Staff & students supported to use their own devices
- Print activity monitored

A CASE STUDY

# FOLLOW ME PRINTING ENHANCING EDUCATION



## THE CHALLENGE

With multiple campuses across the centre of London, the University of Westminster owned a large print fleet. Their dispersed printer fleet caused management complexities and an environment that could be further streamlined for cost efficiencies. The University of Westminster were keen to engage with Annodata to transform its print fleet to reduce print volumes, simplify print management, improve security and reduce costs.



## THE ANNODATA SOLUTION

The University of Westminster wanted to better manage their software whilst keeping their existing infrastructure. This project was successful as it met the needs of the students and the staff. Achieving complete uniformity, Annodata provided the University of Westminster with a 'one machine, one print solution' for all staff and students. This included benefits for

all academic qualifications including graphic design, arts and media departments as the machines offer high print production prints, wide format. An added benefit was the rise in student engagement. The Follow Me solution was implemented whilst the students were present, so they physically witnessed the new devices being installed and the

investments being made towards the quality of their education. With no downtime or disruption to student and staff life, the University of Westminster have reduced their print fleet, driving significant cost savings, improving mobility and encouraging sustainable behaviour.

# ABOUT US

Annodata is one of the UK's leading independent providers of IT Unified Communications and Managed Print Services.

In an age of rapid technological change, they bring together printing, telephones and mobile, audio visual, document management, and collaboration tools to build and maintain your business

infrastructure, giving you the peace of mind to concentrate on running your core business.

Their long-standing relationships with leading global enterprises including Kyocera, O2, Ricoh, HPE and Mitel give you access to the latest technologies so you can be sure your business infrastructure will meet your needs now and in the future.

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